



NFV Director

Extension API Guide

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Second Edition

Notices

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Preface

About this guide

This document contains all the expressions available through the API for NFV Director.

Audience

This document is targeting solution architects and solution integrators.

Document history

Table 1: Document history

Edition	Date	Description
1.0	14 October 2016	First Edition

Chapter 1 Introduction

NFV Director Extension API Guide explains the request under the structure “nfvd-ext”, these request are labeled as “Extension APIs”.

The present document will describe the REST resources related with the foundation of the API (instances, templates, definitions).

1.1 Extension APIs

REST resources based on the structure of domain / organization / tenant / VNF group.

In the setup, it will be visible as ‘nfvd-ext’

Chapter 2 Tags

This chapter list all the tags available as Extension API (“nfvd-ext”).

2.1 Login/Logout

The request for the login.

Operation: [POST /domains/{domainId}/token](#)

Description: [Login](#)

Logout:

Operation: [DELETE /domains/{domainId}/token](#)

Description: [Logout](#)

Chapter 3 Domain

The request for “domains” in “nfvd-ext”.

Operation	Description
GET /domains	Get info
GET /domains/{entityId}	Get instance info
GET /domains/{entityId}/children	Get entity children
GET /domains/{entityId}/children/{childId}	Get entity child
GET /domains/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET /domains/{entityId}/{artifactId}	Get artifact instance from entity
PUT /domains/{entityId}	Update entity
PUT /domains/{entityId}/children/{childId}	Update child entity
PUT /domains/{entityId}/children/{childId}/rename	Update name and description
PUT /domains/{entityId}/children/{childId}/{artifactId}	Update artifact instance of child entity
PUT /domains/{entityId}/children/{childId}/{artifactId}/{categoryName}	Update category
PUT /domains/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}	Update attribute
PUT /domains/{entityId}/{artifactId}	Update child entity
PUT /domains/{entityId}/{artifactId}/{categoryName}	Update category for an artifact instance
PUT /domains/{entityId}/{artifactId}/{categoryName}/{attributeName}	Updating attribute value
DELETE /domains/{entityId}	Delete entity
DELETE /domains/{entityId}/children/{childId}	Delete child entity

3.1 Public Images Repository

The API operations for public image repositories.

Operation	Description
POST /domains/{domainId}/public/images	Create new public image
POST /domains/{domainId}/public/images/{imageId}	Convert public image to private
GET /domains/{domainId}/public	Get info
GET /domains/{domainId}/public/images	Get public images
GET /domains/{domainId}/public/images/owned	Get public owned images
GET /domains/{domainId}/public/{entityId}	Get instance info
GET /domains/{domainId}/public/{entityId}/children	Get entity children
GET /domains/{domainId}/public/{entityId}/children/{childId}	Get entity child
GET /domains/{domainId}/public/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET /domains/{domainId}/public/{entityId}/{artifactId}	Get artifact instance from entity
PUT /domains/{domainId}/public/images/{imageId}	Edit image
DELETE /domains/{domainId}/public/images/{imageId}	Delete public image
PATCH /domains/{domainId}/public/images/{imageId}	Grab image from public repository of descendants

3.2 Private Image Repositories

The API operations for private image repositories.

Operation	Description
POST /domains/{domainId}/private/images	Create new private image
POST /domains/{domainId}/private/images/{imageId}	Convert private image to public
POST /domains/{domainId}/private/images/{imageId}/grant	Grant permission to a private image
GET /domains/{domainId}/private	Get info
GET /domains/{domainId}/private/images	Get private images
GET /domains/{domainId}/private/images/owned	Get private owned images
GET /domains/{domainId}/private/images/{imageId}/visibility	Get visibility of image
GET /domains/{domainId}/private/{entityId}	Get instance info
GET /domains/{domainId}/private/{entityId}/children	Get entity children
GET /domains/{domainId}/private/{entityId}/children/{childId}	Get entity child
GET /domains/{domainId}/private/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET /domains/{domainId}/private/{entityId}/{artifactId}	Get artifact instance from entity
PUT /domains/{domainId}/private/images/{imageId}	Edit image
DELETE /domains/{domainId}/private/images/{imageId}	Delete private image

3.3 Job Tracking

The API operations for Job Tracking.

Operation	Description
<code>POST /domains/{domainId}/tracking/{jobId}/release</code>	Release lock for a job
<code>POST /domains/{domainId}/tracking/{jobId}/retry</code>	Retry a job
<code>POST /domains/{domainId}/tracking/{jobId}/rollback</code>	Rollback a job
<code>GET /domains/{domainId}/tracking</code>	Get jobs list
<code>GET /domains/{domainId}/tracking/historic</code>	Get jobs history
<code>GET /domains/{domainId}/tracking/{jobId}</code>	Get job detail
<code>GET /domains/{domainId}/tracking/{jobId}/tasks</code>	Get job task list
<code>PUT /domains/{domainId}/tracking/{jobId}</code>	Change status of a job

3.4 Catalog

The API operations for Catalog.

Operation	Description
<code>POST /domains/{domainId}/catalog</code>	Create a template
<code>POST /domains/{domainId}/catalog/temporal</code>	Create a template from a temporal template
<code>POST /domains/{domainId}/catalog/upload</code>	Upload template tree
<code>POST /domains/{domainId}/catalog/{templateId}/attach</code>	Attach template to a resource
<code>POST /domains/{domainId}/catalog/{templateId}/detach</code>	Detach template from a resource
<code>GET /domains/{domainId}/catalog</code>	Get catalog
<code>GET /domains/{domainId}/catalog/download</code>	Download templates
<code>GET /domains/{domainId}/catalog/download/{templateId}</code>	Download a template
<code>GET /domains/{domainId}/catalog/{templateId}</code>	Get catalog template
<code>GET /domains/{domainId}/catalog/{templateId}/temporal</code>	Get temporal component copy
<code>PUT /domains/{domainId}/catalog/temporal</code>	Merge temporal template
<code>PUT /domains/{domainId}/catalog/{templateId}</code>	Modify catalog template
<code>DELETE /domains/{domainId}/catalog/temporal</code>	Delete a component from a templral template
<code>DELETE /domains/{domainId}/catalog/{templateId}</code>	Connect and disconnect
<code>PATCH /domains/{domainId}/catalog/temporal</code>	Connect and disconnect

3.5 Operations

The API operations for an operation.

Operation	Description
POST /domains/{domainId}/operations	Invoke an operation
GET /domains/{domainId}/operations/catalog	Gets all operations
GET /domains/{domainId}/operations/sosa/catalog	Gets all SOSA operations
GET /domains/{domainId}/operations/{id}	Get operation result

3.6 Members

The API operations for Members.

Operation	Description
GET /domains/{domainId}/members	Read user members
GET /domains/{domainId}/members/{username}	Read member's user info
GET /domains/{domainId}/submembers	Read user submembers
PUT /domains/{domainId}/members	Add a user as a member
DELETE /domains/{domainId}/members/{username}	Remove a user as a member

3.7 Users

The API operations for Users.

Operation	Description
POST /domains/{domainId}/users	Create new user
POST /domains/{domainId}/users/{username}/password	Update user password
GET /domains/{domainId}/users	Get users information
GET /domains/{domainId}/users/{username}	Get user information
GET /domains/{domainId}/users/{username}/detail	Get user complete information
GET /domains/{domainId}/users/{username}/profiles	Get user profiles information
GET /domains/{domainId}/users/{username}/profiles/{profile}	Get user profile information
PUT /domains/{domainId}/users/{username}	Update user data
PUT /domains/{domainId}/users/{username}/password	Reset user password
PUT /domains/{domainId}/users/{username}/profiles/{profile}	Add a profile to a existing user
DELETE /domains/{domainId}/users/{username}	Delete a user
DELETE /domains/{domainId}/users/{username}/profiles/{profile}	Detach a profile from a user

Chapter 4 Datacenters

The API operations for Datacenters.

Operation	Description
<code>GET /domains/{domainId}/datacenters</code>	Get info
<code>GET /domains/{domainId}/datacenters/resources</code>	Get data centers physical resource
<code>GET /domains/{domainId}/datacenters/{datacenterId}/resources</code>	Get data center physical resource
<code>GET /domains/{domainId}/datacenters/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/datacenters/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/datacenters/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/datacenters/{entityId}/{artifactId}</code>	Get artifact instance from entity
<code>PUT /domains/{domainId}/datacenters/{entityId}</code>	Update entity
<code>PUT /domains/{domainId}/datacenters/{entityId}/children/{childId}</code>	Update child entity
<code>PUT /domains/{domainId}/datacenters/{entityId}/children/{childId}/rename</code>	Update name and description
<code>PUT /domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}</code>	Update artifact instance of child entity
<code>PUT /domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}/{categoryName}</code>	Update category
<code>PUT /domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}</code>	Update attribute
<code>PUT /domains/{domainId}/datacenters/{entityId}/{artifactId}</code>	Update child entity
<code>PUT /domains/{domainId}/datacenters/{entityId}/{artifactId}/{categoryName}</code>	Update category for an artifact instance
<code>PUT /domains/{domainId}/datacenters/{entityId}/{artifactId}/{categoryName}/{attributeName}</code>	Updating attribute value
<code>DELETE /domains/{domainId}/datacenters/{entityId}</code>	Delete entity
<code>DELETE /domains/{domainId}/datacenters/{entityId}/children/{childId}</code>	Delete child entity

4.1 Users

The API operations for Users in datacenters.

Operation	Description
<code>POST /domains/{domainId}/datacenters/{datacenterId}/users</code>	Create new user
<code>POST /domains/{domainId}/datacenters/{datacenterId}/users/{username}/password</code>	Update user password
<code>GET /domains/{domainId}/datacenters/{datacenterId}/users</code>	Get users information
<code>GET /domains/{domainId}/datacenters/{datacenterId}/users/{username}</code>	Get user information
<code>GET /domains/{domainId}/datacenters/{datacenterId}/users/{username}/detail</code>	Get user complete information
<code>GET /domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles</code>	Get user profiles information
<code>GET /domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles/{profile}</code>	Get user profile information
<code>PUT /domains/{domainId}/datacenters/{datacenterId}/users/{username}</code>	Update user data
<code>PUT /domains/{domainId}/datacenters/{datacenterId}/users/{username}/password</code>	Reset user password
<code>PUT /domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles/{profile}</code>	Add a profile to a existing user
<code>DELETE /domains/{domainId}/datacenters/{datacenterId}/users/{username}</code>	Delete a user
<code>DELETE /domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles/{profile}</code>	Detach a profile from a user

4.2 Members

The API operations for Members in datacenters.

Operation	Description
<code>GET /domains/{domainId}/datacenters/{datacenterId}/members</code>	Read user members
<code>GET /domains/{domainId}/datacenters/{datacenterId}/members/{username}</code>	Read member's user info
<code>PUT /domains/{domainId}/datacenters/{datacenterId}/members</code>	Add a user as a member
<code>DELETE /domains/{domainId}/datacenters/{datacenterId}/members/{username}</code>	Remove a user as a member

Chapter 5 Organization

The API operations for Organizations.

Operation	Description
<code>GET /domains/{domainId}/organizations</code>	Get info
<code>GET /domains/{domainId}/organizations/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{entityId}/{artifactId}</code>	Get artifact instance from entity
<code>PUT /domains/{domainId}/organizations/{entityId}</code>	Update entity
<code>PUT /domains/{domainId}/organizations/{entityId}/children/{childId}</code>	Update child entity
<code>PUT /domains/{domainId}/organizations/{entityId}/children/{childId}/rename</code>	Update name and description
<code>PUT /domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}</code>	Update artifact instance of child entity
<code>PUT /domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}/{categoryName}</code>	Update category
<code>PUT /domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}</code>	Update attribute
<code>PUT /domains/{domainId}/organizations/{entityId}/{artifactId}</code>	Update child entity
<code>PUT /domains/{domainId}/organizations/{entityId}/{artifactId}/{categoryName}</code>	Update category for an artifact instance
<code>PUT /domains/{domainId}/organizations/{entityId}/{artifactId}/{categoryName}/{attributeName}</code>	Updating attribute value
<code>DELETE /domains/{domainId}/organizations/{entityId}</code>	Delete entity
<code>DELETE /domains/{domainId}/organizations/{entityId}/children/{childId}</code>	Delete child entity

5.1 Public Image Repositories

The API operations for public image repositories in organizations.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/public/images</code>	Create new public image
<code>POST /domains/{domainId}/organizations/{organizationId}/public/images/{imageId}</code>	Convert public image to private
<code>GET /domains/{domainId}/organizations/{organizationId}/public</code>	Get info
<code>GET /domains/{domainId}/organizations/{organizationId}/public/images</code>	Get public images
<code>GET /domains/{domainId}/organizations/{organizationId}/public/images/owned</code>	Get public owned images
<code>GET /domains/{domainId}/organizations/{organizationId}/public/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/public/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/public/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/public/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/public/{entityId}/{artifactId}</code>	Get artifact instance from entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/public/images/{imageId}</code>	Edit image
<code>DELETE /domains/{domainId}/organizations/{organizationId}/public/images/{imageId}</code>	Delete public image
<code>PATCH /domains/{domainId}/organizations/{organizationId}/public/images/{imageId}</code>	Grab image from public repository of descendants

5.2 Private Image Repositories

The API operations for private image repositories in Organizations.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/private/images</code>	Create new private image
<code>POST /domains/{domainId}/organizations/{organizationId}/private/images/{imageId}</code>	Convert private image to public
<code>POST /domains/{domainId}/organizations/{organizationId}/private/images/{imageId}/grant</code>	Grant permission to a private image
<code>GET /domains/{domainId}/organizations/{organizationId}/private</code>	Get info
<code>GET /domains/{domainId}/organizations/{organizationId}/private/images</code>	Get private images
<code>GET /domains/{domainId}/organizations/{organizationId}/private/images/owned</code>	Get private owned images
<code>GET /domains/{domainId}/organizations/{organizationId}/private/images/{imageId}/visibility</code>	Get visibility of image
<code>GET /domains/{domainId}/organizations/{organizationId}/private/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/private/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/private/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/private/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/private/{entityId}/{artifactId}</code>	Get artifact instance from entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/private/images/{imageId}</code>	Edit image
<code>DELETE /domains/{domainId}/organizations/{organizationId}/private/images/{imageId}</code>	Delete private image

5.3 Job Tracking

The API operations for Job Tracking in Organizations.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/release</code>	Release lock for a job
<code>POST /domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/retry</code>	Retry a job
<code>POST /domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/rollback</code>	Rollback a job
<code>GET /domains/{domainId}/organizations/{organizationId}/tracking</code>	Get jobs list
<code>GET /domains/{domainId}/organizations/{organizationId}/tracking/historic</code>	Get jobs history
<code>GET /domains/{domainId}/organizations/{organizationId}/tracking/{jobId}</code>	Get job detail
<code>GET /domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/tasks</code>	Get job task list
<code>PUT /domains/{domainId}/organizations/{organizationId}/tracking/{jobId}</code>	Change status of a job

5.4 Catalog

The API operations for catalog in organizations.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/catalog</code>	Create a template
<code>POST /domains/{domainId}/organizations/{organizationId}/catalog/temporal</code>	Create a template from a temporal template
<code>POST /domains/{domainId}/organizations/{organizationId}/catalog/upload</code>	Upload template tree
<code>POST /domains/{domainId}/organizations/{organizationId}/catalog/{templateId}/attach</code>	Attach template to a resource
<code>POST /domains/{domainId}/organizations/{organizationId}/catalog/{templateId}/detach</code>	Detach template from a resource
<code>GET /domains/{domainId}/organizations/{organizationId}/catalog</code>	Get catalog
<code>GET /domains/{domainId}/organizations/{organizationId}/catalog/download</code>	Download templates
<code>GET /domains/{domainId}/organizations/{organizationId}/catalog/download/{templateId}</code>	Download a template
<code>GET /domains/{domainId}/organizations/{organizationId}/catalog/{templateId}</code>	Get catalog template
<code>GET /domains/{domainId}/organizations/{organizationId}/catalog/{templateId}/temporal</code>	Get temporal component copy
<code>PUT /domains/{domainId}/organizations/{organizationId}/catalog/temporal</code>	Merge temporal template
<code>PUT /domains/{domainId}/organizations/{organizationId}/catalog/{templateId}</code>	Modify catalog template
<code>DELETE /domains/{domainId}/organizations/{organizationId}/catalog/temporal</code>	Delete a component from a templral template
<code>DELETE /domains/{domainId}/organizations/{organizationId}/catalog/{templateId}</code>	Connect and disconnect
<code>PATCH /domains/{domainId}/organizations/{organizationId}/catalog/temporal</code>	Connect and disconnect

5.5 Quota

The API operations for quota on organizations.

Operation	Description
<code>GET /domains/{domainId}/organizations/{organizationId}/quota</code>	Get quotas
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed</code>	Get servers baremetal guaranteed
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/consumed</code>	Get servers baremetal guaranteed consumed
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/{artifactId}</code>	Get server baremetal guaranteed
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed</code>	Get servers compute guaranteed assigned
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed/{artifactId}</code>	Get server compute guaranteed assigned
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/resources</code>	Get quotas consumed filtered by resources
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/usage</code>	Get quotas usage
<code>GET /domains/{domainId}/organizations/{organizationId}/quota/{artifactId}</code>	Get quota
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota</code>	Modify quota
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/{artifactId}</code>	Attach server baremetal guaranteed
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed/{artifactId}</code>	Attach server compute guaranteed
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota/status</code>	Update quotas status
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota/{artifactId}</code>	Modify quota by artifact
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota/{artifactId}/{categoryName}</code>	Modify quota by category
<code>PUT /domains/{domainId}/organizations/{organizationId}/quota/{artifactId}/{categoryName}/{attributeName}</code>	Modify quota by attribute
<code>DELETE /domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/{artifactId}</code>	Detach server baremetal guaranteed
<code>DELETE /domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed/{artifactId}</code>	Detach server compute guaranteed

5.6 Users

The API operations for users on organizations.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/users</code>	Create new user
<code>POST /domains/{domainId}/organizations/{organizationId}/users/{username}/password</code>	Update user password
<code>GET /domains/{domainId}/organizations/{organizationId}/users</code>	Get users information
<code>GET /domains/{domainId}/organizations/{organizationId}/users/{username}</code>	Get user information
<code>GET /domains/{domainId}/organizations/{organizationId}/users/{username}/detail</code>	Get user complete information
<code>GET /domains/{domainId}/organizations/{organizationId}/users/{username}/profiles</code>	Get user profiles information
<code>GET /domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}</code>	Get user profile information
<code>PUT /domains/{domainId}/organizations/{organizationId}/users/{username}</code>	Update user data
<code>PUT /domains/{domainId}/organizations/{organizationId}/users/{username}/password</code>	Reset user password
<code>PUT /domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}</code>	Add a profile to a existing user
<code>DELETE /domains/{domainId}/organizations/{organizationId}/users/{username}</code>	Delete a user
<code>DELETE /domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}</code>	Detach a profile from a user

5.7 Members

The API operations for members on organizations.

Operation	Description
<code>GET /domains/{domainId}/organizations/{organizationId}/members</code>	Read user members
<code>GET /domains/{domainId}/organizations/{organizationId}/members/{username}</code>	Read member's user info
<code>GET /domains/{domainId}/organizations/{organizationId}/submembers</code>	Read user submembers
<code>PUT /domains/{domainId}/organizations/{organizationId}/members</code>	Add a user as a member
<code>DELETE /domains/{domainId}/organizations/{organizationId}/members/{username}</code>	Remove a user as a member

5.8 Resource Pool

The API operations for resource pool on organizations.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/attach</code>	Attach datacenter to entity
<code>POST /domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/detach</code>	Detach datacenter to entity
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters</code>	Get data centers information
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/resources</code>	Get data center physical resource
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/baremetal/guaranteed</code>	Get servers baremetal guaranteed
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/baremetal/shared</code>	Get servers baremetal shared
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/compute/guaranteed</code>	Get servers compute guaranteed
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/compute/shared</code>	Get servers compute shared
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/{artifactId}</code>	Get artifact instance from entity

Chapter 6 Tenant

The API operations for Tenant.

Operation	Description
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants</code>	Get info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}</code>	Get artifact instance from entity
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vdc</code>	Get virtual data center
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vdc/{artifactId}</code>	Get artifact from virtual data center
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}</code>	Update entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}</code>	Update child entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/rename</code>	Update name and description
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}</code>	Update artifact instance of child entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}/{categoryName}</code>	Update category
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}/{attributeName}</code>	Update attribute
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}</code>	Update child entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}/{categoryName}</code>	Update category for an artifact instance
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}/{categoryName}/{attributeName}</code>	Updating attribute value
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}</code>	Delete entity
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}</code>	Delete child entity

6.1 Public Image Repositories

The API operations for public image repositories on tenant.

Operation	Description
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images	Create new public image
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}	Convert public image to private
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public	Get info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images	Get public images
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/owned	Get public owned images
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}	Get instance info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/children	Get entity children
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/children/{childId}	Get entity child
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/{artifactId}	Get artifact instance from entity
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}	Edit image
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}	Delete public image
PATCH /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}	Grab image from public repository of descendants

6.2 Private Image Repositories

The API operations for private image repositories on Tenants.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images</code>	Create new private image
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}</code>	Convert private image to public
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}/grant</code>	Grant permission to a private image
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private</code>	Get info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images</code>	Get private images
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/owned</code>	Get private owned images
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}/visibility</code>	Get visibility of image
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/children/{childId}/children</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/children/{childId}/artifacts</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/{artifactId}</code>	Get artifact instance from entity
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}</code>	Edit image
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}</code>	Delete private image

6.3 Job Tracking

The API operations for job tracking on Tenants.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/release</code>	Release lock for a job
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/retry</code>	Retry a job
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/rollback</code>	Rollback a job
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking</code>	Get jobs list
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/historic</code>	Get jobs history
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}</code>	Get job detail
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/tasks</code>	Get job task list
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}</code>	Change status of a job

6.4 Catalog

The API operations for catalog on tenants.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog</code>	Create a template
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal</code>	Create a template from a temporal template
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/upload</code>	Upload template tree
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}/attach</code>	Attach template to a resource
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}/detach</code>	Detach template from a resource
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog</code>	Get catalog
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/download</code>	Download templates
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/download/{templateId}</code>	Download a template
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}</code>	Get catalog template
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}/temporal</code>	Get temporal component copy
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal</code>	Merge temporal template
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}</code>	Modify catalog template
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal</code>	Delete a component from a templral template
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}</code>	Connect and disconnect
<code>PATCH /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal</code>	Connect and disconnect

6.5 Quota

The API operations for quota on tenants.

Operation	Description
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota	Get quotas
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed	Get servers baremetal guaranteed
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/consumed	Get servers baremetal guaranteed consumed
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/{artifactId}	Get server baremetal guaranteed assigned
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed	Get servers compute guaranteed assigned
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed/{artifactId}	Get server compute guaranteed assigned
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/resources	Get quotas consumed filtered by resources
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/usage	Get quotas usage
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}	Get quota
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota	Modify quota
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/{artifactId}	Attach server baremetal guaranteed
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed/{artifactId}	Attach server compute guaranteed
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/status	Update quotas status
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}	Modify quota by artifact
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}/{categoryName}	Modify quota by category
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}/{categoryName}/{attributeName}	Modify quota by attribute
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/{artifactId}	Detach server baremetal guaranteed
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed/{artifactId}	Detach server compute guaranteed

Operation	Description
ctId}	

6.6 Operations

The API operations for operations on tenants.

Operation	Description
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations	Invoke an operation
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations/catalog	Gets all operations
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations/sosa/catalog	Gets all SOSA operations
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations/{id}	Get operation result

6.7 Virtual resource.

The API operations for virtual resource on tenants.

Operation	Description
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual</code>	Get info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/vm/{vmId}</code>	Get network information of VM
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/vnf/{vnfId}</code>	Get network information of VNF
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/vnfc/{vnfcId}</code>	Get network information of VNF component
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/children</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/children/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/children/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/{artifactId}</code>	Get artifact instance from entity

6.8 Users

The API operations for users on tenant.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users</code>	Create new user
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/password</code>	Update user password
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users</code>	Get users information
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}</code>	Get user information
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/detail</code>	Get user complete information
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles</code>	Get user profiles information
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles/{profile}</code>	Get user profile information
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}</code>	Update user data
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/password</code>	Reset user password
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles/{profile}</code>	Add a profile to a existing user
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}</code>	Delete a user
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles/{profile}</code>	Detach a profile from a user

6.9 Members

The API operations for members on tenant.

Operation	Description
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members</code>	Read user members
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members/{username}</code>	Read member's user info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/submembers</code>	Read user submembers
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members</code>	Add a user as a member
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members/{username}</code>	Remove a user as a member

6.10 Resource Pool

The API operations for resource pool on tenant.

Operation	Description
<code>POST</code>	Attach datacenter to entity

Operation	Description
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/attach	
POST	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/detach	Detach datacenter to entity
GET	
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters	Get data centers information
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/resources	Get data center physical resource
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/server	Get servers baremetal guaranteed s/baremetal/guaranteed
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/server	Get servers baremetal shared s/baremetal/shared
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/server	Get servers compute guaranteed s/compute/guaranteed
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/server	Get servers compute shared s/compute/shared
GET	
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}	Get instance info
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/children	Get entity children
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/children/{childId}	Get entity child
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET	
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/{artifactId}	Get artifact instance from entity

Chapter 7 VNF Group

The API operations VNF Group.

Operation	Description
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs	Get info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}	Get instance info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children	Get entity children
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}	Get entity
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/{artifactId}	Get artifact from entity
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}	Get artifact instance from entity
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances	Instances
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances/{instanceId}	Instance
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances/{instanceId}/livemigrate	Live migrate VM
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances/{instanceId}/location	Get locations from VM instance
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{vnfGroupId}/resources	Get vnf quota resource of a VNF instance
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/vdc	Get virtual data center
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/vdc/{artifactId}	Get artifact from virtual data center
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}	Update entity
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}	Update child entity
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/r	Update name and description
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/{artifactId}	Update artifact instance of child entity
PUT	Update category

Operation	Description
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/ {artifactId}/{categoryName}	
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/ {artifactId}/{categoryName}/{attributeName}	Update attribute
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}	Update child entity
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}/{categoryName}	Update category for an artifact instance
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{attributeName}	Updating attribute value
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}	Delete entity
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}	Delete child entity

7.1 Public Image Repositories

The API operations for public image repositories on VNF Group.

Operation	Description
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images	Create new public image
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}	Convert public image to private image
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public	Get info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images	Get public images
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/owned	Get public owned images
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}	Get instance info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/children	Get entity children
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/child	Get entity child
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/children/{childId}/{artifactId}	Get artifact from child
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/{artifactId}	Get artifact instance from entity
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}	Edit image
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}	Delete public image
PATCH /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}	Grab image from public repository of descendants

7.2 Private Image Repositories

The API operations for private image repositories on VNF Group.

Operation	Description
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images	Create new private image
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/convert	Convert private image to public
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/grant	Grant permission to a private image
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private	Get info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images	Get private images
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/owned	Get private owned images
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/visibility	Get visibility of image
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}	Get instance info
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/children	Get entity children
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/children/{childId}	Get entity child
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/children/{childId}/{artifactId}	Get artifact from child
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/edit	Edit image
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/delete	Delete private image

7.3 Job tracking

The API operations for job tracking on VNF Group.

Operation	Description
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/release	Release lock for a job
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/retry	Retry a job
POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/rollback	Rollback a job
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking	Get jobs list
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/historic	Get jobs history
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}	Get job detail
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/tasks	Get job task list
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}	Change status of a job

7.4 Catalog

The API operations for catalog on VNF Group.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog</code>	Create a template
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal</code>	Create a template from a temporal template
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/upload</code>	Upload template tree
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}/attach</code>	Attach template to a resource
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}/detach</code>	Detach template from a resource
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog</code>	Get catalog
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/download</code>	Download templates
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/download/{templateId}</code>	Download a template
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}</code>	Get catalog template
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}/temporal</code>	Get temporal component copy
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal</code>	Merge temporal template
<code>PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}</code>	Modify catalog template
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal</code>	Delete a component from a temporal template
<code>DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}</code>	Connect and disconnect
<code>PATCH /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal</code>	Connect and disconnect

7.5 Quota

The API operations for Quota.

Operation	Description
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota	Get quotas
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed	Get servers baremetal guaranteed
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/consumed	Get servers baremetal guaranteed consumed
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/{artifactId}	Get server baremetal guaranteed
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed	Get servers compute guaranteed assigned
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed/{artifactId}	Get server compute guaranteed assigned
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/resources	Get quotas consumed filtered by resources
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/usage	Get quotas usage
GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}	Get quota
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota	Modify quota
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/{artifactId}	Attach server baremetal guaranteed
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed/{artifactId}	Attach server compute guaranteed
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/status	Update quotas status
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}	Modify quota by artifact
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}/{categoryName}	Modify quota by category
PUT /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}/{categoryName}/{attributeName}	Modify quota by attribute
DELETE /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/{artifactId}	Detach server baremetal guaranteed

Operation	Description
DELETE <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed/{artifactId}</code>	Detach server compute guaranteed

7.6 Operations

The API operations for operations on VNF Group.

Operation	Description
<code>POST /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/operations</code>	Invoke an operation
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/operations/catalog</code>	Gets all operations
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/operations/sosa/catalog</code>	Gets all SOSA operations
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/operations/{id}</code>	Get operation result

7.7 Virtual resources

The API operations for virtual resources on VNF Group.

Operation	Description
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual</code>	Get info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/vm/{vmId}</code>	Get network information of VM
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/vnf/{vnfId}</code>	Get network information of VNF
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/vnfc/{vnfcId}</code>	Get network information of VNF component
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}</code>	Get instance info
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/c</code>	Get entity children
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/c/{childId}</code>	Get entity child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/c/{childId}/{artifactId}</code>	Get artifact from child
<code>GET /domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/{artifactId}</code>	Get artifact instance from entity

7.8 Users

The API operations for users on VNF Group.

Operation	Description
POST <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users</code>	Create new user
POST <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/p</code> Update user password password	Update user password
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users</code>	Get users information
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}</code>	Get user information
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/d</code>	Get user complete information etail
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/p</code> Get user profiles information rofiles	Get user profiles information rofiles
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/p</code> Get user profile information rofiles/{profile}	Get user profile information rofiles/{profile}
PUT <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}</code>	Update user data
PUT <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/p</code> Reset user password password	Reset user password
PUT <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/p</code> Add a profile to a existing user rofiles/{profile}	Add a profile to a existing user rofiles/{profile}
DELETE <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}</code>	Delete a user
DELETE <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/p</code> Detach a profile from a user rofiles/{profile}	Detach a profile from a user rofiles/{profile}

7.9 Members

The API operations for members on VNF Group.

Operation	Description
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{ vnfGroupId}/members</code>	Read user members
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{ vnfGroupId}/members/{username}</code>	Read member's user info
PUT <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{ vnfGroupId}/members</code>	Add a user as a member
DELETE <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{ vnfGroupId}/members/{username}</code>	Remove a user as a member

7.10 Resource Pool

The API operations for resource pool on VNF Group.

Operation	Description
POST <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/attach</code>	Attach datacenter to entity
POST <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/detach</code>	Detach datacenter to entity
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters</code>	Get data centers information
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/servers/baremetal/resources</code>	Get data center physical resource
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/servers/baremetal/guaranteed</code>	Get servers baremetal guaranteed
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/servers/baremetal/shared</code>	Get servers baremetal shared
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/servers/compute/guaranteed</code>	Get servers compute guaranteed
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/servers/compute/shared</code>	Get servers compute shared
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/entities/{entityId}</code>	Get instance info
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/children</code>	Get entity children
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/children/{childId}</code>	Get entity child
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/children/{childId}/{artifactId}</code>	Get artifact from child
GET <code>/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/{artifactId}</code>	Get artifact instance from entity

Chapter 8 Paths

This Chapter will contain all possible messages and types for each type of Operation.

Login

POST /domains/{ domainId }/token

Tags: [0 - Login / logout](#)

Login. Generates a Token.

application/xml application/json

User login information

[user-login](#)

domainId Domain id path string

application/xml application/json

200 OK

Entity readed

[user-token](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Forbidden.

500 Internal server error

Internal server error

Logout

DELETE /domains/{ domainId }/token

Tags: [0 - Login / logout](#)

Logout.

X-Auth-Token header string

domainId Domain id path string

application/xml application/json

204 No Content

Entity readed

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Forbidden.

500 Internal server error

Internal server error

Get info

GET /domains

Tags: [1 - Domain](#)

Get info.

includeRoots includeRoots query string false

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get instance info

GET /domains/{entityId}

Tags: 1 - Domain

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET /domains/{entityId}/children

Tags: 1 - Domain

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET /domains/{entityId}/children/{childId}

Tags: 1 - Domain

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET /domains/{entityId}/children/{childId}/{artifactId}

Tags: 1 - Domain

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET /domains/{entityId}/{artifactId}

Tags: [1 - Domain](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update entity

PUT /domains/{entityId}

Tags: [1 - Domain](#)

Update entity.

application/xml application/json

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity successfully updated
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Entity not found

500 Internal server error

Internal server error

Update child entity

PUT /domains/{entityId}/children/{childId}

Tags: 1 - Domain

Update child entity.

application/xml application/json

Instance

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	Child id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Children entity successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update name and description

PUT /domains/{entityId}/children/{childId}/rename

Tags: 1 - Domain

Update name and description.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
name	Name	query	string
description	Description	query	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Updated successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update artifact instance of child entity

PUT /domains/{entityId}/children/{childId}/{artifactId}

Tags: 1 - Domain

Update artifact instance of child entity.

application/xml application/json

New artifact instance value

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Artifact instance successfully updated

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update category

PUT`/domains/{entityId}/children/{childId}/{artifactId}/{categoryName}`Tags: [1 - Domain](#)

Update category with given name.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId		path	string
categoryName		path	string
X-Auth-Token	Authentication token	header	string

200 OK

Category name successfully updated

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update attribute

PUT`/domains/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}`Tags: [1 - Domain](#)

Update attribute with the given name and under the given category.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Updated attribute value

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update child entity

PUT /domains/{entityId}/{artifactId}

Tags: [1 - Domain](#)

Update child entity.

application/xml application/json

Entity to update

[artifact-instance](#)

entityId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path string

artifactId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Children entity successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update category for an artifact instance

PUT /domains/{entityId}/{artifactId}/{categoryName}

Tags: [1 - Domain](#)

Update artifact instance of child entity.

application/xml application/json

Category to update

[category](#)

entityId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path string

artifactId [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12} path string

categoryName New category name value path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Updating attribute value

PUT

/domains/{entityId}/{artifactId}/{categoryName}/{attributeName}

Tags: 1 - Domain

Updating attribute value.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Attribute name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete entity

DELETE /domains/{entityId}

Tags: 1 - Domain

Delete an entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete child entity

DELETE /domains/{entityId}/children/{childId}

Tags: 1 - Domain

Delete the given child entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new public image

POST /domains/{domainId}/public/images

Tags: [1.1 - Public images repository](#)

Creates a new image with the provided information in the public repository of the level. It will be available for the given level, for its parent levels (except the domain), and also for every descendant level. If the current level is the domain, the image will be available for the domain and all its lower levels.

application/xml application/json

Information of the new image

[artifact-instance](#)

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

application/xml application/json

200 OK

Image successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert public image to private

POST /domains/{domainId}/public/images/{imageId}

Tags: [1.1 - Public images repository](#)

Move the image from the public repository of the level to its private repository. And also attach it to the private repository of the upper levels (excluding domains). If the current level is the domain, move the image from the public repository of the domain to its private repository.

imageId	Image id	path	string
---------	----------	------	--------

convert	Mandatory parameter that must have value 'private'	query	string
---------	--	-------	--------

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/public

Tags: [1.1 - Public images repository](#)

Get info.

includeRoots	includeRoots	query	string false
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get public images

GET /domains/{domainId}/public/images

Tags: [1.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. It will obtain the images of the public repositories of the given level, its parent levels, and every descendant level.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Images successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get public owned images

GET /domains/{domainId}/public/images/owned

Tags: [1.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. Only the images in the public repository of the level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Images successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET /domains/{domainId}/public/{entityId}

Tags: [1.1 - Public images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET /domains/{domainId}/public/{entityId}/children

Tags: [1.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET /domains/{domainId}/public/{entityId}/children/{childId}

Tags: [1.1 - Public images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/public/{entityId}/children/{childId}/{artifactId}

Tags: [1.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET /domains/{domainId}/public/{entityId}/{artifactId}

Tags: [1.1 - Public images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT /domains/{domainId}/public/images/{imageId}

Tags: [1.1 - Public images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Image successfully updated
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete public image

DELETE /domains/{domainId}/public/images/{imageId}

Tags: [1.1 - Public images repository](#)

Remove an image from the public repository of the level. If the image is not contained in any other repository, delete it.

imageId		path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Grab image from public repository of descendants

PATCH /domains/{domainId}/public/images/{imageId}

Tags: [1.1 - Public images repository](#)

Moves an image from descendant public repositories to public repository at this level. The image is removed from the public repository of its descendants, and it is added to the public repository of the current level.

imageId	Image id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Create new private image

POST /domains/{domainId}/private/images

Tags: [1.2 - Private images repository](#)

Creates a new image with the provided information in the private repository of the level, and also attach it to the private repository of the upper levels (excluding domains). If the current level is a domain, the operation creates a new image with the provided information in the private repository of the domain. It will be available only to the given domain.

application/xml application/json

Information of the new image

[artifact-instance](#)

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Image successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert private image to public

POST /domains/{domainId}/private/images/{imageId}

Tags: [1.2 - Private images repository](#)

If the image is not attached with the private repository of the upper level, then move the image from the private repository to the public repository of the current level, and detach it from any other public or private repository. If the current level is a domain, the operation will move the image from the private repository of the domain to its public repository, and detach it from any other public or private repository.

imageId Image id path string

convert Mandatory parameter that must have value 'public' query string

domainId Domain id path string

X-Auth-Token Authentication token header string

204 No Content

Image successfully moved to private repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Grant permission to a private image

POST /domains/{domainId}/private/images/{imageId}/grant

Tags: [1.2 - Private images repository](#)

For each one of the given IDs of children levels, it will add the given image to its private repository. Also, the image will

be removed from the private repository of every child level that is not included in the given children IDs.

imageId	Image id	path	string
childId	Ids of children which must maintain the image in their private repository	query	string[] , multiple parameters (childId=aaa&childId=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

204 No Content

Permission successfully granted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/private

Tags: [1.2 - Private images repository](#)

Get info.

includeRoots	includeRoots	query	string false
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get private images

GET /domains/{domainId}/private/images

Tags: [1.2 - Private images repository](#)

Get a list of images available in the private repository of the given level. Only the images in the private repository of the current level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Images successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get private owned images

GET /domains/{domainId}/private/images/owned

Tags: [1.2 - Private images repository](#)

Get a list of images where the highest level that has the image in its private_repository is the current level.

attributeFilter	Status filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get visibility of image

GET /domains/{domainId}/private/images/{imageId}/visibility

Tags: [1.2 - Private images repository](#)

Return a list of the direct child instances that have the given image in their private repository.

imageId	Image id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Instances successfully obtained
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET /domains/{domainId}/private/{entityId}

Tags: [1.2 - Private images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET /domains/{domainId}/private/{entityId}/children

Tags: [1.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET /domains/{domainId}/private/{entityId}/children/{childId}

Tags: [1.2 - Private images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/private/{entityId}/children/{childId}/{artifactId}

Tags: [1.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token
 application/xml application/json
 header string

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET /domains/{domainId}/private/{entityId}/{artifactId}

Tags: [1.2 - Private images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token

application/xml application/json

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT /domains/{domainId}/private/images/{imageId}

Tags: [1.2 - Private images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

application/xml application/json

200 OK

Image successfully updated
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete private image

DELETE /domains/{domainId}/private/images/{imageId}

Tags: [1.2 - Private images repository](#)

Remove an image from the private repository of the current level. If the image is not contained in any other repository, delete it. If the image is contained in other private repositories, only if they are at lower levels, remove the image from the private repositories of this and lower levels, and delete the image.

imageId	Image id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Release lock for a job

POST /domains/{ domainId }/tracking/{ jobId }/release

Tags: [1.3 - Job tracking](#)

Release lock for a job.

jobId	Job id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Job successfully released

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Retry a job

POST /domains/{ domainId }/tracking/{ jobId }/retry

Tags: [1.3 - Job tracking](#)

When a job is retryable and its status is ON_ERROR, a retry call can be launch.

jobId	Job id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Job successfully retried

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Rollback a job

POST /domains/{domainId}/tracking/{jobId}/rollback

Tags: [1.3 - Job tracking](#)

When a job is rollbackable and its status is ON_ERROR, a rollback call can be launch.

jobId	Job id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Rollback over Job successfully done

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs list

GET /domains/{domainId}/tracking

Tags: [1.3 - Job tracking](#)

Get a paginated list of trackable jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string
errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50
sort	Sorting expression	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Jobs successfully obtained

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs history

GET /domains/{domainId}/tracking/historic

Tags: [1.3 - Job tracking](#)

Get historic list of executed jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string
errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50
sort	Sorting expression	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Jobs successfully obtained

[jobs](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job detail

GET /domains/{domainId}/tracking/{jobId}Tags: [1.3 - Job tracking](#)

Get a detail information about a job based on its ID.

jobId	Job id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Job successfully obtained

[job-detail](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job task list

GET /domains/{domainId}/tracking/{jobId}/tasksTags: [1.3 - Job tracking](#)

When a jobId represents a Task Execution List, this call returns a tasks object.

jobId	Job id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Task successfully obtained
tasks

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Change status of a job

PUT /domains/{domainId}/tracking/{jobId}

Tags: [1.3 - Job tracking](#)

Change status of a job.

jobId	Job id	path	string
status	Status	query	string
description	Description	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Status successfully changed

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Create a template

POST /domains/{domainId}/catalog

Tags: [1.4 - Catalog](#)

Create a template and attach it to the catalog.

application/xml application/json

Template to create

template

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

template

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Create a template from a temporal template

POST /domains/{domainId}/catalog/temporal

Tags: [1.4 - Catalog](#)

Create a template copying the given temporal template, and attach it to the catalog.

application/xml application/json

Temporal template to copy

[temporal-template](#)

overwrite Override

query boolean

visibility Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public] query string[] , multiple parameters (visibility=aaa&visibility=bb)

domainId Domain id

path string

X-Auth-Token Authentication token

header string

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Upload template tree

POST /domains/{domainId}/catalog/upload

Tags: [1.4 - Catalog](#)

Upload template tree.

application/xml application/json

Template to upload

[templates](#)

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Attach template to a resource

POST /domains/{domainId}/catalog/{templateId}/attach

Tags: [1.4 - Catalog](#)

Attach template to a resource.

templateId Template id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Detach template from a resource

POST /domains/{domainId}/catalog/{templateId}/detach

Tags: [1.4 - Catalog](#)

Detach template from a resource.

templateId Template id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get catalog

GET /domains/{domainId}/catalog

Tags: [1.4 - Catalog](#)

Get catalog.

type	Type	string[] , multiple query parameters (type=aaa&type=bbb)
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	string[] , multiple query parameters (visibility=aaa&visibility=bbb)

includeRoots	Include roots	query string false
--------------	---------------	--------------------

domainId	Domain id	path string
----------	-----------	-------------

X-Auth-Token	Authentication token	header string
--------------	----------------------	---------------

application/xml application/json

200 OK

Catalog successful

[templates-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

No subtemplates found

500 Internal server error

Internal server error

Download templates

GET /domains/{domainId}/catalog/download

Tags: [1.4 - Catalog](#)

Download templates.

depth	Depth level to search	query	integer (int32) 10
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[templates](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Download a template

GET /domains/{domainId}/catalog/download/{templateId}

Tags: [1.4 - Catalog](#)

Download the template tree with the given id.

templateId	Template id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Get catalog template

GET /domains/{domainId}/catalog/{templateId}

Tags: [1.4 - Catalog](#)

Get catalog template.

templateId	Template id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal server error

Internal server error

Get temporal component copy

GET /domains/{domainId}/catalog/{templateId}/temporal

Tags: [1.4 - Catalog](#)

Get temporal component copy.

templateId	Template id	path	string
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	query	string[], multiple parameters (visibility=aaa&visibility=bbb)

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Merge temporal template

PUT /domains/{domainId}/catalog/temporal

Tags: [1.4 - Catalog](#)

Merge temporal template.

application/xml application/json

Temporal template to merge

[temporal-template](#)

templateId	Template id	query	string
noConnect	No connect to resource	query	boolean
sourceTemplateId	Source template id	query	string
includeConnector	Include connector	query	string[], multiple parameters (includeConnector=aaa&includeConnector=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Modify catalog template

PUT /domains/{domainId}/catalog/{templateId}

Tags: [1.4 - Catalog](#)

Modify catalog template.

application/xml application/json

Template to modify

[template](#)

templateId	Template id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Delete a component from a templral template

DELETE /domains/{domainId}/catalog/temporal

Tags: [1.4 - Catalog](#)

Delete a component from a templral template.

[temporal-template](#)

templateId	Template id	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

DELETE /domains/{domainId}/catalog/{templateId}

Tags: [1.4 - Catalog](#)

Connect and disconnect.

templateId		path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

PATCH /domains/{domainId}/catalog/temporal

Tags: [1.4 - Catalog](#)

Connect and disconnect.

application/xml application/json

Temporal template to connect

[temporal-template](#)

sourceComponentId	Source component id	query	string
sourceArtifactId	Source artifact ids	query	string[], multiple parameters (sourceArtifactId=aaa&sourceArtifactId=bbb)
pluggedComponentId	Plugged component ids	query	string[], multiple parameters (pluggedComponentId=aaa&pluggedComponentId=bbb)
pluggedArtifactId	Plugged artifact ids	query	string[], multiple parameters (pluggedArtifactId=aaa&pluggedArtifactId=bbb)
unpluggedComponentId	Unplugged components ids	query	string[], multiple parameters (unpluggedComponentId=aaa&unpluggedComponentId=bbb)
unpluggedArtifactId	Unplugged artifact ids	query	string[], multiple parameters (unpluggedArtifactId=aaa&unpluggedArtifactId=bbb)
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Invoke an operation

POST /domains/{domainId}/operations

Tags: [1.5 - Operations](#)

If the invocation is asynchronous returns the id of the operation that can be used with the getResult operation

application/xml application/json

Parameters to make the operation

[operation-request](#)

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Operation successfull

[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Error in sosa communication

Gets all operations

GET /domains/{domainId}/operations/catalog

Tags: [1.5 - Operations](#)

Gets all operations.

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Operation successfull
[operations](#)

500 Internal server error

Internal error

Gets all SOSA operations

GET /domains/{domainId}/operations/sosa/catalog

Tags: [1.5 - Operations](#)

Gets all SOSA operations.

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Operation successfull
[operations](#)

500 Internal server error

Internal error

Get operation result

GET /domains/{domainId}/operations/{id}

Tags: [1.5 - Operations](#)

This operation is for asynchronous operation. It return the response if the operation has finished.

id	ID returned by asynchronous invoke	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Operation successfull
[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Read user members

GET /domains/{domainId}/members

Tags: [1.6 - Members](#)

Read all user members.

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[users-info](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Read member's user info

GET /domains/{domainId}/members/{username}

Tags: [1.6 - Members](#)

Get user info about a single user.

username	username	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Read user submembers

GET /domains/{domainId}/submembers

Tags: [1.6 - Members](#)

Read all user submem.

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Add a user as a member

PUT /domains/{domainId}/members

Tags: [1.6 - Members](#)

Add a user as a member.

application/xml application/json

User info

[users-info](#)

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

409 Conflict

User is already a member.

500 Internal server error

Internal server error

Remove a user as a member

DELETE /domains/{domainId}/members/{username}

Tags: [1.6 - Members](#)

Remove a user as a member.

username		path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Create new user

POST /domains/{domainId}/usersTags: [1.7 - Users](#)

Create a new user

application/xml application/json

New user

[user](#)

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[user](#)**403 Forbidden**

Authentication error. Is token missing?

409 Conflict

User already exists.

500 Internal server error

Internal server error

Update user password

POST /domains/{domainId}/users/{username}/passwordTags: [1.7 - Users](#)

Update user password.

username	User name	path	string
oldPassword	Old password	query	string
newPassword	New password	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get users information

GET /domains/{domainId}/usersTags: [1.7 - Users](#)

Get users information.

domainId	Domain id	path	string
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X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Success
[users-info](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Get user information

GET /domains/{domainId}/users/{username}

Tags: [1.7 - Users](#)

Get user information.

username Username path string
 domainId Domain id path string
 X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Success
[user-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user complete information

GET /domains/{domainId}/users/{username}/detail

Tags: [1.7 - Users](#)

Get all user information including profiles, groups, revoked and granted operations

username User name path string
 domainId Domain id path string
 X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user profiles information

GET /domains/{domainId}/users/{username}/profiles

Tags: [1.7 - Users](#)

Get user profiles information.

username User name path string
 domainId Domain id path string
 X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Success
[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Get user profile information

GET /domains/{domainId}/users/{username}/profiles/{profile}

Tags: [1.7 - Users](#)

Get user profile information.

profile	Profile name	path	string
username	User name	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Update user data

PUT /domains/{domainId}/users/{username}

Tags: [1.7 - Users](#)

Update user data.

application/xml application/json

User

[user](#)

username	User name	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Reset user password

PUT /domains/{domainId}/users/{username}/password

Tags: [1.7 - Users](#)

Reset user password.

username	User name	path	string
newPassword	New Password	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Add a profile to a existing user

PUT /domains/{domainId}/users/{username}/profiles/{profile}

Tags: [1.7 - Users](#)

Add a profile to a existing user. If profile does not exists, it is created and then added to user.

profile	Profile name	path	string
username	User name	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Delete a user

DELETE /domains/{domainId}/users/{username}

Tags: [1.7 - Users](#)

Delete a user.

username	User name	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Detach a profile from a user

DELETE /domains/{domainId}/users/{username}/profiles/{profile}

Tags: [1.7 - Users](#)

Detach a profile from a user. Profile itself it is not deleted.

profile	Profile name	path	string
username	User name	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found / User has not profile

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/datacenters

Tags: [2 - Datacenters](#)

Get info.

includeRoots	includeRoots	query	string	false
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml application/json				

200 OK

Entity readed
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get data centers physical resource

GET /domains/{domainId}/datacenters/resources

Tags: [2 - Datacenters](#)

Get data centers physical resource.

domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml application/json				

200 OK

Physical resource successfully obtained
[resource-entities](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data center physical resource

GET /domains/{domainId}/datacenters/{datacenterId}/resources

Tags: [2 - Datacenters](#)

Get data center physical resource.

datacenterId	Datacenter id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml application/json				

200 OK

Physical resource successfully obtained
[resource-entities](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET /domains/{domainId}/datacenters/{entityId}

Tags: [2 - Datacenters](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET /domains/{domainId}/datacenters/{entityId}/children

Tags: [2 - Datacenters](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET /domains/{domainId}/datacenters/{entityId}/children/{childId}

Tags: [2 - Datacenters](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}

Tags: [2 - Datacenters](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET /domains/{domainId}/datacenters/{entityId}/{artifactId}

Tags: [2 - Datacenters](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update entity

PUT /domains/{domainId}/datacenters/{entityId}

Tags: [2 - Datacenters](#)

Update entity.

application/xml application/json

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity successfully updated

[instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Entity not found

500 Internal server error

Internal server error

Update child entity

PUT /domains/{domainId}/datacenters/{entityId}/children/{childId}Tags: [2 - Datacenters](#)

Update child entity.

application/xml application/json

Instance

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	Child id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Children entity successfully updated

[instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update name and description

PUT**/domains/{domainId}/datacenters/{entityId}/children/{childId}/rename**

e

Tags: [2 - Datacenters](#)

Update name and description.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
name	Name	query	string
description	Description	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Updated successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update artifact instance of child entity

PUT

/domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}

Tags: [2 - Datacenters](#)

Update artifact instance of child entity.

application/xml application/json

New artifact instance value

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update category

PUT

/domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}/{categoryName}

Tags: [2 - Datacenters](#)

Update category with given name.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId		path	string
categoryName		path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Category name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update attribute

PUT

/domains/{domainId}/datacenters/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}

Tags: [2 - Datacenters](#)

Update attribute with the given name and under the given category.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Updated attribute value

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update child entity

PUT /domains/{domainId}/datacenters/{entityId}/{artifactId}

Tags: [2 - Datacenters](#)

Update child entity.

application/xml application/json

Entity to update

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Children entity successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update category for an artifact instance

PUT

/domains/{domainId}/datacenters/{entityId}/{artifactId}/{categoryName}

Tags: [2 - Datacenters](#)

Update artifact instance of child entity.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	New category name value	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Updating attribute value

PUT

/domains/{domainId}/datacenters/{entityId}/{artifactId}/{categoryName}/{attributeName}

Tags: [2 - Datacenters](#)

Updating attribute value.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Attribute name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete entity

DELETE /domains/{domainId}/datacenters/{entityId}

Tags: [2 - Datacenters](#)

Delete an entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete child entity

DELETE

/domains/{domainId}/datacenters/{entityId}/children/{childId}

Tags: [2 - Datacenters](#)

Delete the given child entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new user

POST /domains/{domainId}/datacenters/{datacenterId}/users

Tags: [2.1 - Users](#)

Create a new user

application/xml application/json

New user

user

datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

user

403 Forbidden

Authentication error. Is token missing?

409 Conflict

User already exists.

500 Internal server error

Internal server error

Update user password

POST

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/password

Tags: [2.1 - Users](#)

Update user password.

username	User name	path	string
oldPassword	Old password	query	string
newPassword	New password	query	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Get users information

GET /domains/{domainId}/datacenters/{datacenterId}/usersTags: [2.1 - Users](#)

Get users information.

datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing??

500 Internal server error

Internal server error

Get user information

GET

/domains/{domainId}/datacenters/{datacenterId}/users/{username}

Tags: [2.1 - Users](#)

Get user information.

username	Username	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user complete information

GET

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/detail

Tags: [2.1 - Users](#)

Get all user information including profiles, groups, revoked and granted operations

username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user profiles information

GET

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles

Tags: [2.1 - Users](#)

Get user profiles information.

username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Get user profile information

GET

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles/{profile}

Tags: [2.1 - Users](#)

Get user profile information.

profile	Profile name	path	string
username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
		application/xml application/json	

200 OK

Success

[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Update user data

PUT

/domains/{domainId}/datacenters/{datacenterId}/users/{username}

Tags: [2.1 - Users](#)

Update user data.

	application/xml application/json
--	----------------------------------

User

[user](#)

username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
		application/xml application/json	

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Reset user password

PUT

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/password

Tags: [2.1 - Users](#)

Reset user password.

username	User name	path	string
newPassword	New Password	query	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Add a profile to a existing user

PUT

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles/{profile}

Tags: [2.1 - Users](#)

Add a profile to a existing user. If profile does not exists, it is created and then added to user.

profile	Profile name	path	string
username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Delete a user

DELETE

/domains/{domainId}/datacenters/{datacenterId}/users/{username}

Tags: [2.1 - Users](#)

Delete a user.

username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

user

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Detach a profile from a user

DELETE

/domains/{domainId}/datacenters/{datacenterId}/users/{username}/profiles/{profile}

Tags: [2.1 - Users](#)

Detach a profile from a user. Profile itself it is not deleted.

profile	Profile name	path	string
username	User name	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found / User has not profile

500 Internal server error

Internal server error

Read user members

GET /domains/{domainId}/datacenters/{datacenterId}/membersTags: [2.2 - Members](#)

Read all user members.

datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?

500 Internal server error

Internal server error

Read member's user info

GET**/domains/{domainId}/datacenters/{datacenterId}/members/{username}**
}Tags: [2.2 - Members](#)

Get user info about a single user.

username	username	path	string
datacenterId	Datacenter id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

Username not found.

500 Internal server error

Internal server error

Add a user as a member

PUT /domains/{domainId}/datacenters/{datacenterId}/membersTags: [2.2 - Members](#)

Add a user as a member.

application/xml application/json

User info

[users-info](#)

datacenterId Datacenter id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

409 Conflict

User is already a member.

500 Internal server error

Internal server error

Remove a user as a member

DELETE

/domains/{domainId}/datacenters/{datacenterId}/members/{username}

}

Tags: [2.2 - Members](#)

Remove a user as a member.

username path string

datacenterId Datacenter id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/organizations

Tags: [3 - Organization](#)

Get info.

includeRoots includeRoots query string false

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get instance info

GET /domains/{domainId}/organizations/{entityId}

Tags: 3 - Organization

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET /domains/{domainId}/organizations/{entityId}/children

Tags: 3 - Organization

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{entityId}/children/{childId}

Tags: 3 - Organization

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}

Tags: [3 - Organization](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET /domains/{domainId}/organizations/{entityId}/{artifactId}

Tags: [3 - Organization](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update entity

PUT /domains/{domainId}/organizations/{entityId}

Tags: [3 - Organization](#)

Update entity.

application/xml application/json
[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity successfully updated
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Entity not found

500 Internal server error

Internal server error

Update child entity

PUT

/domains/{domainId}/organizations/{entityId}/children/{childId}

Tags: 3 - Organization

Update child entity.

application/xml application/json

Instance

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	Child id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Children entity successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update name and description

PUT

/domains/{domainId}/organizations/{entityId}/children/{childId}/rename

Tags: 3 - Organization

Update name and description.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
name	Name	query	string
description	Description	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

204 No Content

Updated successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update artifact instance of child entity

PUT

/domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}

Tags: 3 - Organization

Update artifact instance of child entity.

application/xml application/json

New artifact instance value

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update category

PUT

/domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}/{categoryName}

Tags: 3 - Organization

Update category with given name.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId		path	string
categoryName		path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Category name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update attribute

PUT

/domains/{domainId}/organizations/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}

Tags: 3 - Organization

Update attribute with the given name and under the given category.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Updated attribute value

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update child entity

PUT /domains/{domainId}/organizations/{entityId}/{artifactId}

Tags: 3 - Organization

Update child entity.

application/xml application/json

Entity to update

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Children entity successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update category for an artifact instance

PUT

/domains/{domainId}/organizations/{entityId}/{artifactId}/{categoryName}

Tags: 3 - Organization

Update artifact instance of child entity.

application/xml application/json

Category to update

category

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	New category name value	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Artifact instance successfully updated

artifact-instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Updating attribute value

PUT

/domains/{domainId}/organizations/{entityId}/{artifactId}/{categoryName}/{attributeName}

Tags: [3 - Organization](#)

Updating attribute value.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Attribute name successfully updated

artifact-instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete entity

DELETE /domains/{domainId}/organizations/{entityId}

Tags: [3 - Organization](#)

Delete an entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete child entity

DELETE

/domains/{domainId}/organizations/{entityId}/children/{childId}

Tags: [3 - Organization](#)

Delete the given child entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new public image

POST

/domains/{domainId}/organizations/{organizationId}/public/images

Tags: [3.1 - Public images repository](#)

Creates a new image with the provided information in the public repository of the level. It will be available for the given level, for its parent levels (except the domain), and also for every descendant level. If the current level is the domain, the image will be available for the domain and all its lower levels.

application/xml application/json

Information of the new image

[artifact-instance](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert public image to private

POST

/domains/{domainId}/organizations/{organizationId}/public/images/{imageId}

Tags: [3.1 - Public images repository](#)

Move the image from the public repository of the level to its private repository. And also attach it to the private repository of the upper levels (excluding domains). If the current level is the domain, move the image from the public repository of the domain to its private repository.

imageId	Image id	path	string
convert	Mandatory parameter that must have value 'private'	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/organizations/{organizationId}/public

Tags: [3.1 - Public images repository](#)

Get info.

includeRoots	includeRoots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get public images

GET

/domains/{domainId}/organizations/{organizationId}/public/images

Tags: [3.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. It will obtain the images of the public repositories of the given level, its parent levels, and every descendant level.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get public owned images

GET

/domains/{domainId}/organizations/{organizationId}/public/images/owned

Tags: [3.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. Only the images in the public repository of the level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/public/{entityId}

Tags: [3.1 - Public images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/public/{entityId}
 }/children

Tags: [3.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/public/{entityId}
 }/children/{childId}

Tags: [3.1 - Public images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/public/{entityId}
 }/children/{childId}/{artifactId}

Tags: [3.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/public/{entityId}/{artifactId}

Tags: [3.1 - Public images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT

/domains/{domainId}/organizations/{organizationId}/public/images/{imageId}

Tags: [3.1 - Public images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Image successfully updated
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete public image

DELETE

/domains/{domainId}/organizations/{organizationId}/public/images/{imageId}

Tags: [3.1 - Public images repository](#)

Remove an image from the public repository of the level. If the image is not contained in any other repository, delete it.

imageId		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Grab image from public repository of descendants

PATCH

/domains/{domainId}/organizations/{organizationId}/public/images/{imageId}

Tags: [3.1 - Public images repository](#)

Moves an image from descendant public repositories to public repository at this level. The image is removed from the public repository of its descendants, and it is added to the public repository of the current level.

imageId	Image id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Create new private image

POST

/domains/{domainId}/organizations/{organizationId}/private/images

Tags: [3.2 - Private images repository](#)

Creates a new image with the provided information in the private repository of the level, and also attach it to the private repository of the upper levels (excluding domains). If the current level is a domain, the operation creates a new image with the provided information in the private repository of the domain. It will be available only to the given domain.

application/xml application/json

Information of the new image

[artifact-instance](#)

organizationId Organization id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Image successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert private image to public

POST

/domains/{domainId}/organizations/{organizationId}/private/images/{imageId}

Tags: [3.2 - Private images repository](#)

If the image is not attached with the private repository of the upper level, then move the image from the private repository to the public repository of the current level, and detach it from any other public or private repository. If the current level is a domain, the operation will move the image from the private repository of the domain to its public repository, and detach it from any other public or private repository.

imageId Image id path string

convert Mandatory parameter that must have value 'public' query string

organizationId Organization id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

204 No Content

Image successfully moved to private repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Grant permission to a private image

POST

/domains/{domainId}/organizations/{organizationId}/private/images/{imageId}/grant

Tags: [3.2 - Private images repository](#)

For each one of the given IDs of children levels, it will add the given image to its private repository. Also, the image will be removed from the private repository of every child level that is not included in the given children IDs.

imageId	Image id	path	string
childId	Ids of children which must maintain the image in their private repository	query	string[] , multiple parameters (childId=aaa&childId=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Permission successfully granted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/organizations/{organizationId}/private

Tags: [3.2 - Private images repository](#)

Get info.

includeRoots	includeRoots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get private images

GET

/domains/{domainId}/organizations/{organizationId}/private/images

Tags: [3.2 - Private images repository](#)

Get a list of images available in the private repository of the given level. Only the images in the private repository of the current level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get private owned images

GET

/domains/{domainId}/organizations/{organizationId}/private/images/owned

Tags: [3.2 - Private images repository](#)

Get a list of images where the highest level that has the image in its private_repository is the current level.

attributeFilter	Status filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get visibility of image

GET

/domains/{domainId}/organizations/{organizationId}/private/images/{imageId}/visibility

Tags: [3.2 - Private images repository](#)

Return a list of the direct child instances that have the given image in their private repository.

imageId	Image id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Instances successfully obtained
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/private/{entityId}

Tags: [3.2 - Private images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed
instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/private/{entityId}/children

Tags: [3.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
instances-info

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/private/{entityId}/children/{childId}

Tags: [3.2 - Private images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/private/{entityId}/children/{childId}/{artifactId}

Tags: [3.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/private/{entityId}/{artifactId}

Tags: [3.2 - Private images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT

/domains/{domainId}/organizations/{organizationId}/private/images/{imageId}

Tags: [3.2 - Private images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

organizationId	Organization id	path	string
----------------	-----------------	------	--------

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

application/xml application/json

200 OK

Image successfully updated

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete private image

DELETE

/domains/{domainId}/organizations/{organizationId}/private/images/{imageId}

Tags: [3.2 - Private images repository](#)

Remove an image from the private repository of the current level. If the image is not contained in any other repository, delete it. If the image is contained in other private repositories, only if they are at lower levels, remove the image from the private repositories of this and lower levels, and delete the image.

imageId	Image id	path	string
---------	----------	------	--------

organizationId	Organization id	path	string
----------------	-----------------	------	--------

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Release lock for a job

POST

/domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/release

Tags: [3.3 - Job tracking](#)

Release lock for a job.

jobId	Job id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Job successfully released

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Retry a job

POST

/domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/retry

Tags: [3.3 - Job tracking](#)

When a job is retryable and its status is ON_ERROR, a retry call can be launch.

jobId	Job id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Job successfully retried

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Rollback a job

POST

/domains/{domainId}/organizations/{organizationId}/tracking/{jobId}/rollback

Tags: [3.3 - Job tracking](#)

When a job is rollbackable and its status is ON_ERROR, a rollback call can be launch.

jobId	Job id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Rollback over Job successfully done

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs list

GET /domains/{domainId}/organizations/{organizationId}/trackingTags: [3.3 - Job tracking](#)

Get a paginated list of trackable jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string
errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50
sort	Sorting expression	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Jobs successfully obtained

[jobs](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs history

GET**/domains/{domainId}/organizations/{organizationId}/tracking/historic**Tags: [3.3 - Job tracking](#)

Get historic list of executed jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string
errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50

sort	Sorting expression	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Jobs successfully obtained

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job detail

GET

/domains/{domainId}/organizations/{organizationId}/tracking/{jobId}
}

Tags: [3.3 - Job tracking](#)

Get a detail information about a job based on its ID.

jobId	Job id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Job successfully obtained

[job-detail](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job task list

GET

/domains/{domainId}/organizations/{organizationId}/tracking/{jobId}
}/tasks

Tags: [3.3 - Job tracking](#)

When a jobId represents a Task Execution List, this call returns a tasks object.

jobId	Job id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Task successfully obtained

[tasks](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Create status of a job

PUT

/domains/{domainId}/organizations/{organizationId}/tracking/{jobId}

}

Tags: [3.3 - Job tracking](#)

Create status of a job.

jobId	Job id	path	string
status	Status	query	string
description	Description	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Status successfully changed

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Create a template

POST /domains/{domainId}/organizations/{organizationId}/catalog

Tags: [3.4 - Catalog](#)

Create a template and attach it to the catalog.

application/xml application/json

Template to create

[template](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Create a template from a temporal template

POST

/domains/{domainId}/organizations/{organizationId}/catalog/tempora
l

Tags: [3.4 - Catalog](#)

Create a template copying the given temporal template, and attach it to the catalog.

application/xml application/json

Temporal template to copy

[temporal-template](#)

overwrite Overrite

Visibility. At least one from

visibility [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]

query boolean

string[] , multiple

parameters

(visibility=aaa&visibility=bbb)

organizationId Organization id

path string

domainId Domain id

path string

X-Auth-Token Authentication token

header string

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Upload template tree

POST

/domains/{domainId}/organizations/{organizationId}/catalog/upload

Tags: [3.4 - Catalog](#)

Upload template tree.

application/xml application/json

Template to upload

[templates](#)

organizationId Organization id

path string

domainId Domain id

path string

X-Auth-Token Authentication token

header string

application/xml application/json

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Attach template to a resource

POST

/domains/{domainId}/organizations/{organizationId}/catalog/{templateId}/attach

Tags: [3.4 - Catalog](#)

Attach template to a resource.

templateId Template id

path string

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Detach template from a resource

POST

/domains/{domainId}/organizations/{organizationId}/catalog/{templateId}/detach

Tags: [3.4 - Catalog](#)

Detach template from a resource.

templateId	Template id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get catalog

GET /domains/{domainId}/organizations/{organizationId}/catalog

Tags: [3.4 - Catalog](#)

Get catalog.

type	Type	query parameters	string[], multiple (type=aaa&type=bbb)
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	query parameters	string[], multiple (visibility=aaa&visibility=bbb)
includeRoots	Include roots	query string	false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		
200 OK	Catalog successful		
	templates-info		
403 Forbidden			

Authentication error. Is token missing?

404 Not Found

No subtemplates found

500 Internal server error

Internal server error

Download templates

GET

/domains/{domainId}/organizations/{organizationId}/catalog/download

Tags: [3.4 - Catalog](#)

Download templates.

depth	Depth level to search	query	integer (int32)	10
organizationId	Organization id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml application/json				

200 OK

Success

[templates](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Download a template

GET

/domains/{domainId}/organizations/{organizationId}/catalog/download/{templateId}

Tags: [3.4 - Catalog](#)

Download the template tree with the given id.

templateId	Template id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Get catalog template

GET

/domains/{domainId}/organizations/{organizationId}/catalog/{templateId}

Tags: [3.4 - Catalog](#)

Get catalog template.

templateId	Template id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Success
[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal server error

Internal server error

Get temporal component copy

GET

/domains/{domainId}/organizations/{organizationId}/catalog/{templateId}/temporal

Tags: [3.4 - Catalog](#)

Get temporal component copy.

templateId	Template id	path	string
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,pri,vate,public]	query	string[], multiple parameters (visibility=aaa&visibility=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Merge temporal template

PUT

/domains/{domainId}/organizations/{organizationId}/catalog/temporal

1

Tags: [3.4 - Catalog](#)

Merge temporal template.

application/xml application/json

Temporal template to merge

[temporal-template](#)

templateId	Template id	query	string
noConnect	No connect to resource	query	boolean
sourceTemplateId	Source template id	query	string
includeConnector	Include connector	query	string[], multiple parameters (includeConnector=aaa&includeConnector=bbb)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Modify catalog template

PUT

/domains/{domainId}/organizations/{organizationId}/catalog/{templateId}

Tags: [3.4 - Catalog](#)

Modify catalog template.

application/xml application/json

Template to modify

[template](#)

templateId	Template id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Delete a component from a templral template

DELETE

/domains/{domainId}/organizations/{organizationId}/catalog/temporal

1

Tags: [3.4 - Catalog](#)

Delete a component from a templral template.

[temporal-template](#)

templateId	Template id	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

DELETE

/domains/{domainId}/organizations/{organizationId}/catalog/{templateId}

Tags: [3.4 - Catalog](#)

Connect and disconnect.

templateId		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

PATCH

/domains/{domainId}/organizations/{organizationId}/catalog/temporal

1

Tags: [3.4 - Catalog](#)

Connect and disconnect.

application/xml application/json

Temporal template to connect

[temporal-template](#)

sourceComponentId	Source component id	query	string
sourceArtifactId	Source artifact ids	query	string[] , multiple parameters (sourceArtifactId=aaa&sourceArtifactId=bbb)
pluggedComponentId	Plugged component ids	query	string[] , multiple parameters (pluggedComponentId=aaa&pluggedComponentId=bbb)
pluggedArtifactId	Plugged artifact ids	query	string[] , multiple parameters (pluggedArtifactId=aaa&pluggedArtifactId=bbb)
unpluggedComponentId	Unplugged components ids	query	string[] , multiple parameters (unpluggedComponentId=aaa&unpluggedComponentId=bbb)
unpluggedArtifactId	Unplugged artifact ids	query	string[] , multiple parameters (unpluggedArtifactId=aaa&unpluggedArtifactId=bbb)
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get quotas

GET /domains/{domainId}/organizations/{organizationId}/quota

Tags: [3.5 - Quota](#)

Get quota instance in order to be able to edit it.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota instance successfully obtained
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed

GET**/domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed**

Tags: [3.5 - Quota](#)

Get servers baremetal guaranteed.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Servers baremetal guaranteed successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed consumed

GET**/domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/consumed**

Tags: [3.5 - Quota](#)

Get servers baremetal guaranteed consumed.

organizationId Organization id path string
 domainId Domain id path string
 X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Servers baremetal guaranteed consumed successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get server baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/quota/baremetal
 /guaranteed/{artifactId}

Tags: [3.5 - Quota](#)

Get server baremetal guaranteed.

artifactId Artifact id path string
 organizationId Organization id path string
 domainId Domain id path string
 X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Server baremetal guaranteed successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute guaranteed assigned

GET

/domains/{domainId}/organizations/{organizationId}/quota/compute/
 guaranteed

Tags: [3.5 - Quota](#)

Get servers compute guaranteed assigned.

organizationId Organization id path string
 domainId Domain id path string
 X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Servers compute guaranteed successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get server compute guaranteed assigned

GET

/domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed/{artifactId}

Tags: [3.5 - Quota](#)

Get server compute guaranteed assigned.

artifactId	Artifact id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server compute guaranteed successfully obtained

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quotas consumed filtered by resources

GET

/domains/{domainId}/organizations/{organizationId}/quota/resources

Tags: [3.5 - Quota](#)

Get information about consumed quota filtered by resources in an organization.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Quota resource successfully obtained

[resource-entities](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quotas usage

GET

/domains/{domainId}/organizations/{organizationId}/quota/usage

Tags: [3.5 - Quota](#)

Get information about quotas usage in an organization.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Quota usage successfully obtained
[organizational-entity](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quota

GET

/domains/{domainId}/organizations/{organizationId}/quota/{artifactId}

Tags: [3.5 - Quota](#)

Get quota artifact instance in order to be able to edit it.

artifactId	Artifact id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota artifact successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota

PUT /domains/{domainId}/organizations/{organizationId}/quota

Tags: [3.5 - Quota](#)

Modify quota (in one operation).

application/xml application/json

Quota instance

[instance](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quotas successfully updated
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Attach server baremetal guaranteed

PUT

/domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/{artifactId}

Tags: [3.5 - Quota](#)

Attach server baremetal guaranteed.

artifactId	Artifact server id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server baremetal guaranteed successfully attached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Attach server compute guaranteed

PUT

/domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed/{artifactId}

Tags: [3.5 - Quota](#)

Attach server compute guaranteed.

artifactId	Artifact server id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server compute guaranteed successfully attached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Update quotas status

PUT

/domains/{domainId}/organizations/{organizationId}/quota/status

Tags: [3.5 - Quota](#)

Modify quota status in depth (in one operation).

application/xml application/json

Quota instance

[instance](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Quotas status successfully updated
instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by artifact

PUT

/domains/{domainId}/organizations/{organizationId}/quota/{artifactId}

Tags: [3.5 - Quota](#)

Modify quota by artifact.

application/xml application/json

Artifact

[artifact-instance](#)

artifactId	Artifact id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by category

PUT

/domains/{domainId}/organizations/{organizationId}/quota/{artifactId}/{categoryName}

Tags: [3.5 - Quota](#)

Modify quota by category.

application/xml application/json

Category

[category](#)

artifactId	Artifact id	path	string
categoryName	Category name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by attribute

PUT

/domains/{domainId}/organizations/{organizationId}/quota/{artifactId}/{categoryName}/{attributeName}

Tags: [3.5 - Quota](#)

Modify quota by attribute.

application/xml application/json

artifactId	Artifact id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Value	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach server baremetal guaranteed

DELETE

/domains/{domainId}/organizations/{organizationId}/quota/baremetal/guaranteed/{artifactId}

Tags: [3.5 - Quota](#)

Detach server baremetal guaranteed.

artifactId	Artifact server id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server baremetal guaranteed successfully detached

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach server compute guaranteed

DELETE

/domains/{domainId}/organizations/{organizationId}/quota/compute/guaranteed/{artifactId}

Tags: [3.5 - Quota](#)

Detach server compute guaranteed.

artifactId	Artifact server id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server compute guaranteed successfully detached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Invoke an operation

POST

/domains/{domainId}/organizations/{organizationId}/operations

Tags: [3.6 - Operations](#)

If the invocation is asynchronous returns the id of the operation that can be used with the getResult operation
application/xml application/json

Parameters to make the operation

[operation-request](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull

[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Error in sosa communication

Gets all operations

GET

/domains/{domainId}/organizations/{organizationId}/operations/catalog

[Operations](#)

Tags: [3.6 - Operations](#)

Gets all operations.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull

[operations](#)**500 Internal server error**

Internal error

Gets all SOSA operations

GET

/domains/{domainId}/organizations/{organizationId}/operations/sosa/catalog

Tags: [3.6 - Operations](#)

Gets all SOSA operations.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull

[operations](#)**500 Internal server error**

Internal error

Get operation result

GET

/domains/{domainId}/organizations/{organizationId}/operations/{id}

Tags: [3.6 - Operations](#)

This operation is for asynchronous operation. It return the response if the operation has finished.

id	ID returned by asynchronous invoke	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull

[operation-response](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Create new user

POST /domains/{domainId}/organizations/{organizationId}/users

Tags: [3.7 - Users](#)

Create a new user

application/xml application/json

New user

[user](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user](#)**403 Forbidden**

Authentication error. Is token missing?

409 Conflict

User already exists.

500 Internal server error

Internal server error

Update user password

POST

/domains/{domainId}/organizations/{organizationId}/users/{username}/password

Tags: [3.7 - Users](#)

Update user password.

username	User name	path	string
oldPassword	Old password	query	string
newPassword	New password	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Get users information

GET /domains/{domainId}/organizations/{organizationId}/users

Tags: [3.7 - Users](#)

Get users information.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json**200 OK**

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?"

500 Internal server error

Internal server error

Get user information

GET

/domains/{domainId}/organizations/{organizationId}/users/{username}

Tags: [3.7 - Users](#)

Get user information.

username	Username	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json**200 OK**

Success

[user-info](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user complete information

GET

/domains/{domainId}/organizations/{organizationId}/users/{username}/detail

Tags: [3.7 - Users](#)

Get all user information including profiles, groups, revoked and granted operations

username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user profiles information

GET

/domains/{domainId}/organizations/{organizationId}/users/{username}/profiles

Tags: [3.7 - Users](#)

Get user profiles information.

username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Get user profile information

GET

/domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}

Tags: [3.7 - Users](#)

Get user profile information.

profile	Profile name	path	string
username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Update user data

PUT

/domains/{domainId}/organizations/{organizationId}/users/{username}

e}

Tags: [3.7 - Users](#)

Update user data.

application/xml application/json

User

[user](#)

username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Reset user password

PUT

/domains/{domainId}/organizations/{organizationId}/users/{username}/password

Tags: [3.7 - Users](#)

Reset user password.

username	User name	path	string
newPassword	New Password	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Add a profile to a existing user

PUT

/domains/{domainId}/organizations/{organizationId}/users/{username}

/domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}

Tags: [3.7 - Users](#)

Add a profile to a existing user. If profile does not exists, it is created and then added to user.

profile	Profile name	path	string
username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Delete a user

DELETE

/domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}

Tags: [3.7 - Users](#)

Delete a user.

username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Detach a profile from a user

DELETE

/domains/{domainId}/organizations/{organizationId}/users/{username}/profiles/{profile}

Tags: [3.7 - Users](#)

Detach a profile from a user. Profile itself it is not deleted.

profile	Profile name	path	string
username	User name	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found / User has not profile

500 Internal server error

Internal server error

Read user members

GET /domains/{domainId}/organizations/{organizationId}/membersTags: [3.8 - Members](#)

Read all user members.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?

500 Internal server error

Internal server error

Read member's user info

GET**/domains/{domainId}/organizations/{organizationId}/members/{username}**Tags: [3.8 - Members](#)

Get user info about a single user.

username	username	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

Username not found.

500 Internal server error

Internal server error

Read user submembers

GET**/domains/{domainId}/organizations/{organizationId}/submembers**Tags: [3.8 - Members](#)

Read all user submem.

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?

500 Internal server error

Internal server error

Add a user as a member

PUT /domains/{domainId}/organizations/{organizationId}/members

Tags: [3.8 - Members](#)

Add a user as a member.

application/xml application/json

User info

[users-info](#)

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

409 Conflict

User is already a member.

500 Internal server error

Internal server error

Remove a user as a member

DELETE

/domains/{domainId}/organizations/{organizationId}/members/{username}

Tags: [3.8 - Members](#)

Remove a user as a member.

username		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Attach datacenter to entity

POST

/domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/attach

Tags: [3.9 - Resource pool](#)

This operation will attach an existing datacenter to a entity.

datacenterId	Datacenter id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Datacenter successfully attached

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach datacenter to entity

POST

/domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/detach

Tags: [3.9 - Resource pool](#)

This operation will detach an existing datacenter from an entity.

datacenterId	Datacenter id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Datacenter successfully detached
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data centers information

GET

/domains/{domainId}/organizations/{organizationId}/datacenters

Tags: [3.9 - Resource pool](#)

Get information about organization Data Centers.

includeRoots	Include roots	query	string	false
organizationId	Organization id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml application/json				

200 OK

Data centers information successfully obtained
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data center physical resource

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/resources

Tags: [3.9 - Resource pool](#)

Get data center physical resource.

organizationId	Organization id	path	string
----------------	-----------------	------	--------

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Physical resource successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/baremetal/guaranteed

Tags: [3.9 - Resource pool](#)

Get servers baremetal guaranteed. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Get server baremetal guaranteed obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal shared

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/baremetal/shared

Tags: [3.9 - Resource pool](#)

Get servers baremetal shared. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Get server baremetal guaranteed obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/compute/guaranteed

Tags: [3.9 - Resource pool](#)

Get serversComputeGuaranteed. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Get server compute guaranteed obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute shared

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{datacenterId}/servers/compute/shared

Tags: [3.9 - Resource pool](#)

Get serversCompute shared. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Get server compute shared obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}

Tags: [3.9 - Resource pool](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/children

Tags: [3.9 - Resource pool](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/children/{childId}

Tags: [3.9 - Resource pool](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/children/{childId}/{artifactId}

Tags: [3.9 - Resource pool](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/datacenters/{entityId}/{artifactId}

Tags: [3.9 - Resource pool](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Get info

GET /domains/{domainId}/organizations/{organizationId}/tenants

Tags: 4 - Tenant

Get info.

includeRoots	includeRoots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}

Tags: 4 - Tenant

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children

Tags: 4 - Tenant

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}

Tags: [4 - Tenant](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}

Tags: [4 - Tenant](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}

Tags: [4 - Tenant](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Get virtual data center

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vdc

Tags: [4 - Tenant](#)

Returns an instance and its subinstances, excluding Catalog, ResourcePool, Quota an VNFGroups subinstances.

tenantId	Tenant id	path	string
data	Hints for query	query	string full
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Virtual data center successfully obtained
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get artifact from virtual data center

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vdc/{artifactId}

Tags: [4 - Tenant](#)

Get artifact from virtual data center.

tenantId	Tenant id	path	string
artifactId	Artifact id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Artifact successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Update entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}

Tags: [4 - Tenant](#)

Update entity.

application/xml application/json

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
----------	--	------	--------

organizationId	Organization id	path	string
----------------	-----------------	------	--------

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

application/xml application/json

200 OK

Entity successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Entity not found

500 Internal server error

Internal server error

Update child entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}

Tags: [4 - Tenant](#)

Update child entity.

application/xml application/json

Instance

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
----------	--	------	--------

childId	Child id	path	string
---------	----------	------	--------

organizationId	Organization id	path	string
----------------	-----------------	------	--------

domainId	Domain id	path	string
----------	-----------	------	--------

X-Auth-Token	Authentication token	header	string
--------------	----------------------	--------	--------

application/xml application/json

200 OK

Children entity successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update name and description

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/rename

Tags: 4 - Tenant

Update name and description.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
name	Name	query	string
description	Description	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Updated successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update artifact instance of child entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}

Tags: 4 - Tenant

Update artifact instance of child entity.

application/xml application/json

New artifact instance value

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update category

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}/{categoryName}

Tags: [4 - Tenant](#)

Update category with given name.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId		path	string
categoryName		path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Category name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update attribute

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}

Tags: [4 - Tenant](#)

Update attribute with the given name and under the given category.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Updated attribute value

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error
Update child entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}

Tags: 4 - Tenant

Update child entity.

application/xml application/json

Entity to update

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Children entity successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update category for an artifact instance

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}/{categoryName}

Tags: 4 - Tenant

Update artifact instance of child entity.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	New category name value	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Artifact instance successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Updating attribute value

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/{artifactId}/{categoryName}/{attributeName}

Tags: 4 - Tenant

Updating attribute value.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Attribute name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete entity

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}

Tags: 4 - Tenant

Delete an entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete child entity

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{entityId}/children/{childId}

Tags: 4 - Tenant

Delete the given child entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new public image

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images

Tags: [4.1 - Public images repository](#)

Creates a new image with the provided information in the public repository of the level. It will be available for the given level, for its parent levels (except the domain), and also for every descendant level. If the current level is the domain, the image will be available for the domain and all its lower levels.

application/xml application/json

Information of the new image

[artifact-instance](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully created

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert public image to private

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}

Tags: [4.1 - Public images repository](#)

Move the image from the public repository of the level to its private repository. And also attach it to the private repository of the upper levels (excluding domains). If the current level is the domain, move the image from the public repository of the domain to its private repository.

imageId	Image id	path	string
---------	----------	------	--------

convert	Mandatory parameter that must have value 'private'	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public

Tags: [4.1 - Public images repository](#)

Get info.

includeRoots	includeRoots	query	string	false
tenantId	Tenant id	path	string	
organizationId	Organization id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	

application/xml

application/json

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get public images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images

Tags: [4.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. It will obtain the images of the public repositories of the given level, its parent levels, and every descendant level.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml

application/json

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get public owned images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/owned

Tags: [4.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. Only the images in the public repository of the level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}

Tags: [4.1 - Public images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/children

Tags: [4.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/children/{childId}

Tags: [4.1 - Public images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/children/{childId}/{artifactId}

Tags: [4.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/{entityId}/{artifactId}

Tags: [4.1 - Public images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}

Tags: [4.1 - Public images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully updated
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete public image

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}

Tags: [4.1 - Public images repository](#)

Remove an image from the public repository of the level. If the image is not contained in any other repository, delete it.

imageId		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Grab image from public repository of descendants

PATCH

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/public/images/{imageId}

Tags: [4.1 - Public images repository](#)

Moves an image from descendant public repositories to public repository at this level. The image is removed from the public repository of its descendants, and it is added to the public repository of the current level.

imageId	Image id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Create new private image

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images

Tags: [4.2 - Private images repository](#)

Creates a new image with the provided information in the private repository of the level, and also attach it to the private repository of the upper levels (excluding domains). If the current level is a domain, the operation creates a new image with the provided information in the private repository of the domain. It will be available only to the given domain.

application/xml application/json

Information of the new image

[artifact-instance](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully created

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert private image to public

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}

Tags: [4.2 - Private images repository](#)

If the image is not attached with the private repository of the upper level, then move the image from the private repository to the public repository of the current level, and detach it from any other public or private repository. If the current level is a domain, the operation will move the image from the private repository of the domain to its public repository, and detach it from any other public or private repository.

imageId	Image id	path	string
convert	Mandatory parameter that must have value 'public'	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to private repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Grant permission to a private image

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}/grant

Tags: [4.2 - Private images repository](#)

For each one of the given IDs of children levels, it will add the given image to its private repository. Also, the image will be removed from the private repository of every child level that is not included in the given children IDs.

imageId	Image id	path	string
childId	Ids of children which must maintain the image in their private repository	query	string[] , multiple parameters (childId=aaa&childId=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Permission successfully granted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private

Tags: [4.2 - Private images repository](#)

Get info.

includeRoots	includeRoots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get private images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images

Tags: [4.2 - Private images repository](#)

Get a list of images available in the private repository of the given level. Only the images in the private repository of the current level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Images successfully obtained

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get private owned images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/owned

Tags: [4.2 - Private images repository](#)

Get a list of images where the highest level that has the image in its private_repository is the current level.

attributeFilter	Status filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Images successfully obtained

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get visibility of image

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}/visibility

Tags: [4.2 - Private images repository](#)

Return a list of the direct child instances that have the given image in their private repository.

imageId	Image id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Instances successfully obtained

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}

Tags: [4.2 - Private images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/children

Tags: [4.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		
200 OK			
	Success		
	instances-info		
400 Bad Request			
	Bad request, check input parameters. Are they well formed?		
404 Not Found			
	Not found		
500 Internal server error			
	Internal server error		
Get entity child			
GET			
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/children/{childId}			
Tags: 4.2 - Private images repository			
Get entity child.			
entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		
200 OK			
	Success		
	instance		
400 Bad Request			
	Bad request, check input parameters. Are they well formed?		
404 Not Found			
	Not found		
500 Internal server error			
	Internal server error		
Get artifact from child			
GET			
/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/children/{childId}/{artifactId}			
Tags: 4.2 - Private images repository			
Get entity children.			
entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		
200 OK			
	Success		
	artifact-instance		
400 Bad Request			
	Bad request, check input parameters. Are they well formed?		

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/{entityId}/{artifactId}

Tags: [4.2 - Private images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}

Tags: [4.2 - Private images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully updated

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete private image

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/private/images/{imageId}

Tags: [4.2 - Private images repository](#)

Remove an image from the private repository of the current level. If the image is not contained in any other repository, delete it. If the image is contained in other private repositories, only if they are at lower levels, remove the image from the private repositories of this and lower levels, and delete the image.

imageId	Image id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Release lock for a job

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/release

Tags: [4.3 - Job tracking](#)

Release lock for a job.

jobId	Job id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Job successfully released

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Retry a job

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/retry

Tags: [4.3 - Job tracking](#)

When a job is retryable and its status is ON_ERROR, a retry call can be launch.

jobId	Job id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string

200 OK

Job successfully retried

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Rollback a job

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/rollback

Tags: [4.3 - Job tracking](#)

When a job is rollbackable and its status is ON_ERROR, a rollback call can be launch.

jobId Job id path string

tenantId Tenant id path string

organizationId Organization id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

204 No Content

Rollback over Job successfully done

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs list

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking

Tags: [4.3 - Job tracking](#)

Get a paginated list of trackable jobs.

status Status query string[] , multiple parameters (status=aaa&status=bbb)

operation Operation query string

organization Organization query string

tenant Tenant query string

vnfGroup VNF group query string

username User name query string

jobId Job id query string

parentJobId Parent job id query string

jobName Job name query string

errorDesc Error description query string

lockValue Lock value query string

offset Pagination offset query integer (int32)

items Pagination items query integer (int32) 50

sort Sorting expression query string

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Jobs successfully obtained

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs history

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/historic

Tags: [4.3 - Job tracking](#)

Get historic list of executed jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string
errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50
sort	Sorting expression	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Jobs successfully obtained

[jobs](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / JobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job detail

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}

Tags: [4.3 - Job tracking](#)

Get a detail information about a job based on its ID.

jobId	Job id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Job successfully obtained

[job-detail](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job task list

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}/tasks

Tags: [4.3 - Job tracking](#)

When a jobId represents a Task Execution List, this call returns a tasks object.

jobId	Job id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Task successfully obtained

[tasks](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Change status of a job

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/tracking/{jobId}

Tags: [4.3 - Job tracking](#)

Change status of a job.

jobId	Job id	path	string
status	Status	query	string
description	Description	query	string

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Status successfully changed

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Create a template

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog

Tags: [4.4 - Catalog](#)

Create a template and attach it to the catalog.

application/xml application/json

Template to create

[template](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Create a template from a temporal template

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal

Tags: [4.4 - Catalog](#)

Create a template copying the given temporal template, and attach it to the catalog.

application/xml application/json

Temporal template to copy

[temporal-template](#)

overwrite	Override	query	boolean
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	string[] , multiple parameters	(visibility=aaa&visibility=bbb)
tenantId	Tenant id	path	string

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[temporal-template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Upload template tree

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/upload

Tags: [4.4 - Catalog](#)

Upload template tree.

application/xml application/json

Template to upload

[templates](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[templates](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Attach template to a resource

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}/attach

Tags: [4.4 - Catalog](#)

Attach template to a resource.

templateId	Template id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Detach template from a resource

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}/detach

Tags: [4.4 - Catalog](#)

Detach template from a resource.

templateId	Template id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get catalog

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog

Tags: [4.4 - Catalog](#)

Get catalog.

type	Type	string[] , multiple query parameters (type=aaa&type=bbb)
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	string[] , multiple query parameters (visibility=aaa&visibility=bbb)
includeRoots	Include roots	query string false
tenantId	Tenant id	path string
organizationId	Organization id	path string
domainId	Domain id	path string
X-Auth-Token	Authentication token	header string
application/xml	application/json	

200 OK

Catalog successful

[templates-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

No subtemplates found

500 Internal server error

Internal server error

Download templates

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/download

Tags: [4.4 - Catalog](#)

Download templates.

depth	Depth level to search	query	integer (int32) 10
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[templates](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Download a template

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/download/{templateId}

Tags: [4.4 - Catalog](#)

Download the template tree with the given id.

templateId	Template id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[templates](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Get catalog template

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}

Tags: [4.4 - Catalog](#)

Get catalog template.

templateId	Template id	path	string
------------	-------------	------	--------

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal server error

Internal server error

Get temporal component copy

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}/temporal

Tags: [4.4 - Catalog](#)

Get temporal component copy.

templateId	Template id	path	string
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	query	string[] , multiple parameters (visibility=aaa&visibility=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[temporal-template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Merge temporal template

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal

Tags: [4.4 - Catalog](#)

Merge temporal template.

application/xml application/json

Temporal template to merge

[temporal-template](#)

templateId	Template id	query	string
------------	-------------	-------	--------

noConnect	No connect to resource	query	boolean
sourceTemplateId	Source template id	query	string
includeConnector	Include connector	query	string[] , multiple parameters (includeConnector=aaa&includeConnector=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
	application/xml application/json		

200 OK

Success

templates**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Modify catalog template

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}

Tags: [4.4 - Catalog](#)

Modify catalog template.

application/xml application/json

Template to modify

template

templateId	Template id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

template**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Delete a component from a templral template

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal

Tags: [4.4 - Catalog](#)

Delete a component from a templral template.

temporal-template

templateId	Template id	query	string
------------	-------------	-------	--------

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[temporal-template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/{templateId}

Tags: [4.4 - Catalog](#)

Connect and disconnect.

templateId		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

PATCH

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/catalog/temporal

Tags: [4.4 - Catalog](#)

Connect and disconnect.

application/xml application/json

Temporal template to connect

[temporal-template](#)

sourceComponentId	Source component id	query	string
sourceArtifactId	Source artifact ids	query	string[] , multiple parameters (sourceArtifactId=aaa&sourceArtifactId=bbb)
pluggedComponentId	Plugged component ids	query	string[] , multiple parameters (pluggedComponentId=aaa&pluggedComponentId=bbb)
pluggedArtifactId	Plugged artifact ids	query	string[] , multiple parameters (pluggedArtifactId=aaa&pluggedArtifactId=bbb)

unpluggedComponentId	Unplugged components ids	query	string[] , multiple parameters (unpluggedComponentId=aaa&unpluggedComponentId=bbb)
unpluggedArtifactId	Unplugged artifact ids	query	string[] , multiple parameters (unpluggedArtifactId=aaa&unpluggedArtifactId=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get quotas

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota

Tags: [4.5 - Quota](#)

Get quota instance in order to be able to edit it.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota instance successfully obtained
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed

Tags: [4.5 - Quota](#)

Get servers baremetal guaranteed.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Servers baremetal guaranteed successfully obtained
artifact-instances

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed consumed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/consumed

Tags: [4.5 - Quota](#)

Get servers baremetal guaranteed consumed.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Servers baremetal guaranteed consumed successfully obtained
artifact-instances

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get server baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/{artifactId}

Tags: [4.5 - Quota](#)

Get server baremetal guaranteed.

artifactId	Artifact id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server baremetal guaranteed successfully obtained
artifact-instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute guaranteed assigned

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed

Tags: [4.5 - Quota](#)

Get servers compute guaranteed assigned.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Servers compute guaranteed successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get server compute guaranteed assigned

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed/{artifactId}

Tags: [4.5 - Quota](#)

Get server compute guaranteed assigned.

artifactId	Artifact id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server compute guaranteed successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quotas consumed filtered by resources

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/resources

Tags: [4.5 - Quota](#)

Get information about consumed quota filtered by resources in an organization.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Quota resource successfully obtained
[resource-entities](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quotas usage

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/usage

Tags: [4.5 - Quota](#)

Get information about quotas usage in an organization.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Quota usage successfully obtained
[organizational-entity](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quota

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}

Tags: [4.5 - Quota](#)

Get quota artifact instance in order to be able to edit it.

artifactId	Artifact id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Quota artifact successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota

Tags: [4.5 - Quota](#)

Modify quota (in one operation).

application/xml application/json

Quota instance
instance

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quotas successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Attach server baremetal guaranteed

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/{artifactId}

Tags: [4.5 - Quota](#)

Attach server baremetal guaranteed.

artifactId	Artifact server id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server baremetal guaranteed successfully attached

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Attach server compute guaranteed

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed/{artifactId}

Tags: [4.5 - Quota](#)

Attach server compute guaranteed.

artifactId	Artifact server id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server compute guaranteed successfully attached

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Update quotas status

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/status

Tags: [4.5 - Quota](#)

Modify quota status in depth (in one operation).

application/xml application/json

Quota instance

[instance](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quotas status successfully updated

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by artifact

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}

Tags: [4.5 - Quota](#)

Modify quota by artifact.

application/xml application/json

Artifact

[artifact-instance](#)

artifactId	Artifact id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota successfully updated

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by category

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}/{categoryName}

Tags: [4.5 - Quota](#)

Modify quota by category.

application/xml application/json

Category

[category](#)

artifactId	Artifact id	path	string
categoryName	Category name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota successfully updated

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by attribute

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/{artifactId}/{categoryName}/{attributeName}

Tags: [4.5 - Quota](#)

Modify quota by attribute.

application/xml application/json

artifactId	Artifact id	path	string
categoryName	Category name	path	string

attributeName	Attribute name	path	string
value	Value	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Quota successfully updated

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach server baremetal guaranteed

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/baremetal/guaranteed/{artifactId}

Tags: [4.5 - Quota](#)

Detach server baremetal guaranteed.

artifactId	Artifact server id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server baremetal guaranteed successfully detached

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach server compute guaranteed

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/quota/compute/guaranteed/{artifactId}

Tags: [4.5 - Quota](#)

Detach server compute guaranteed.

artifactId	Artifact server id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server compute guaranteed successfully detached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Invoke an operation

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations

Tags: [4.6 - Operations](#)

If the invocation is asynchronous returns the id of the operation that can be used with the getResult operation
application/xml application/json

Parameters to make the operation

[operation-request](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Operation successfull

[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Error in sosa communication

Gets all operations

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations/catalog

Tags: [4.6 - Operations](#)

Gets all operations.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Operation successfull

[operations](#)

500 Internal server error

Internal error

Gets all SOSA operations

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations/sosa/catalog

Tags: [4.6 - Operations](#)

Gets all SOSA operations.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Operation successfull
[operations](#)

500 Internal server error

Internal error

Get operation result

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/operations/{id}

Tags: [4.6 - Operations](#)

This operation is for asynchronous operation. It return the response if the operation has finished.

id	ID returned by asynchronous invoke	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Operation successfull
[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual

Tags: [4.7 - Virtual resource](#)

Get info.

includeRoots	includeRoots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get network information of VM

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/vm/{vmId}

Tags: [4.7 - Virtual resource](#)

Get network information of VM.

vmId	VM id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

VM network information successfully obtained

[virtual-machine](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get network information of VNF

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/vnf/{vnfId}

Tags: [4.7 - Virtual resource](#)

Get network information of VNF.

vnfId	VNF id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

VNF network information successfully obtained

[vnf](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get network information of VNF component

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/vnfc/{vnfcId}

Tags: [4.7 - Virtual resource](#)

Get network information of VNF component.

vnfcId	VNF component id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

VNF component information successfully obtained
[vnf-component](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}

Tags: [4.7 - Virtual resource](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/children

Tags: [4.7 - Virtual resource](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/children/{childId}

Tags: [4.7 - Virtual resource](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xelite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/virtual/{entityId}/children/{childId}/{artifactId}

Tags: [4.7 - Virtual resource](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}

d}/virtual/{entityId}/{artifactId}

Tags: [4.7 - Virtual resource](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new user

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users

Tags: [4.8 - Users](#)

Create a new user

application/xml application/json

New user

[user](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

409 Conflict

User already exists.

500 Internal server error

Internal server error

Update user password

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/password

Tags: [4.8 - Users](#)

Update user password.

username	User name	path	string
oldPassword	Old password	query	string
newPassword	New password	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Get users information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users

Tags: [4.8 - Users](#)

Get users information.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)**403 Forbidden**

Authentication error. Is token missing?^o

500 Internal server error

Internal server error

Get user information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}

Tags: [4.8 - Users](#)

Get user information.

username	Username	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[user-info](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user complete information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/detail

Tags: [4.8 - Users](#)

Get all user information including profiles, groups, revoked and granted operations

username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user profiles information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles

Tags: [4.8 - Users](#)

Get user profiles information.

username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Get user profile information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles/{profile}

Tags: [4.8 - Users](#)

Get user profile information.

profile	Profile name	path	string
username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[profiles](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Update user data

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}

Tags: [4.8 - Users](#)

Update user data.

application/xml application/json

User

[user](#)

username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Reset user password

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/password

Tags: [4.8 - Users](#)

Reset user password.

username	User name	path	string
newPassword	New Password	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Add a profile to a existing user

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles/{profile}

Tags: [4.8 - Users](#)

Add a profile to a existing user. If profile does not exists, it is created and then added to user.

profile	Profile name	path	string
username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Delete a user

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}

Tags: [4.8 - Users](#)

Delete a user.

username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Detach a profile from a user

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/users/{username}/profiles/{profile}

Tags: [4.8 - Users](#)

Detach a profile from a user. Profile itself it is not deleted.

profile	Profile name	path	string
username	User name	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found / User has not profile

500 Internal server error

Internal server error

Read user members

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members

Tags: [4.9 - Members](#)

Read all user members.

tenantId Tenant id path string

organizationId Organization id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Read member's user info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members/{username}

Tags: [4.9 - Members](#)

Get user info about a single user.

username username path string

tenantId Tenant id path string

organizationId Organization id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Username not found.

500 Internal server error

Internal server error

Read user submembers

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/submembers

Tags: [4.9 - Members](#)

Read all user submem.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Add a user as a member

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members

Tags: [4.9 - Members](#)

Add a user as a member.

application/xml application/json

User info

[users-info](#)

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

409 Conflict

User is already a member.

500 Internal server error

Internal server error

Remove a user as a member

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/members/{username}

Tags: [4.9 - Members](#)

Remove a user as a member.

username		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Attach datacenter to entity

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/attach

Tags: [4.10 - Resource pool](#)

This operation will attach an existing datacenter to a entity.

datacenterId	Datacenter id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Datacenter successfully attached

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach datacenter to entity

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/detach

Tags: [4.10 - Resource pool](#)

This operation will detach an existing datacenter from a entity.

datacenterId	Datacenter id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Datacenter successfully detached

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data centers information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters

Tags: [4.10 - Resource pool](#)

Get information about organization Data Centers.

includeRoots	Include roots	query	string false
--------------	---------------	-------	--------------

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Data centers information successfully obtained
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data center physical resource

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/resources

Tags: [4.10 - Resource pool](#)

Get data center physical resource.

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Physical resource successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/servers/baremetal/guaranteed

Tags: [4.10 - Resource pool](#)

Get servers baremetal guaranteed. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Get server baremetal guaranteed obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal shared

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/servers/baremetal/shared

Tags: [4.10 - Resource pool](#)

Get servers baremetal shared. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Get server baremetal guaranteed obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/servers/compute/guaranteed

Tags: [4.10 - Resource pool](#)

Get serversComputeGuaranteed. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Get server compute guaranteed obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error
Get servers compute shared

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{datacenterId}/servers/compute/shared

Tags: [4.10 - Resource pool](#)

Get serversCompute shared. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Get server compute shared obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}

Tags: [4.10 - Resource pool](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/children

Tags: [4.10 - Resource pool](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
----------	--	------	--------

type	Type	query	string
includeRoots	Include roots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[instances-info](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/children/{childId}

Tags: [4.10 - Resource pool](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/children/{childId}/{artifactId}

Tags: [4.10 - Resource pool](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/datacenters/{entityId}/{artifactId}

Tags: [4.10 - Resource pool](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs

Tags: [5 - VNF group](#)

Get info.

includeRoots	includeRoots	query	string	false
tenantId	Tenant id	path	string	
organizationId	Organization id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml	application/json			

200 OK

Entity readed
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}

Tags: [5 - VNF group](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children

Tags: [5 - VNF group](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}

Tags: [5 - VNF group](#)

Get entity.

entityId	Entity id	path	string
childId	Child id	path	string
data	Hints for query	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Entity successfully obtained
 instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get artifact from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/{artifactId}

Tags: 5 - VNF group

Get artifact from entity.

entityId	Entity id	path	string
childId	Child id	path	string
artifactId	Artifact id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Artifact successfully obtained
 artifact-instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}

Tags: 5 - VNF group

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
 artifact-instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Instances

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances

Tags: [5 - VNF group](#)

Returns the VNF subinstances.

vnfGroupId	Vnf group id	path	string
data	Hints for query	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Instances obtained

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Instance

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances/{instanceId}

Tags: [5 - VNF group](#)

Returns the given VNF subinstance.

vnfGroupId	Vnf group id	path	string
instanceId	Hints for query	path	string
data		query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Instance obtained

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Live migrate VM

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances/{instanceId}/livemigrate

Tags: [5 - VNF group](#)

This operation Live Migrates on demand a Virtual Machine.

vmInstanceId	VM instance id	query	string
vnfGroupId	Vnf group id	path	string
instanceId	Instance id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Live Migrate successfully done

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get locations from VM instance

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/instances/{instanceId}/location

Tags: [5 - VNF group](#)

Get locations from VM instance.

vmInstanceId	VM instance id	query	string
vnfGroupId	Vnf group id	path	string
instanceId	Instance id	path	string
definition	Definitions	query	string[] , multiple parameters (definition=aaa&definition=bbb)
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Locations successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get vnf quota resource of a VNF instance

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{vnfGroupId}/resources

Tags: [5 - VNF group](#)

Get vnf quota resource of a VNF instance.

vnfGroupId	Vnf group id	path	string
vnlId	Vnf instance id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Virtual data center successfully obtained
[resource-entities](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get virtual data center

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/vdc

Tags: [5 - VNF group](#)

Returns an instance and its subinstances, excluding Catalog, ResourcePool, Quota an VNFGroups subinstances.

vnfGroupId	VNF Group id	path	string
data	Hints for query	query	string full
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Virtual data center successfully obtained
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get artifact from virtual data center

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/vdc/{artifactId}

Tags: [5 - VNF group](#)

Get artifact from virtual data center.

vnfGroupId	Tenant id	path	string
------------	-----------	------	--------

artifactId	Artifact id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Artifact successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Update entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}

Tags: [5 - VNF group](#)

Update entity.

application/xml application/json

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity successfully updated
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Entity not found

500 Internal server error

Internal server error

Update child entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}

Tags: [5 - VNF group](#)

Update child entity.

application/xml application/json

[Instance](#)

[instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	Child id	path	string
tenantId	Tenant id	path	string

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Children entity successfully updated
instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update name and description

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/rename

Tags: 5 - VNF group

Update name and description.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
name	Name	query	string
description	Description	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Updated successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update artifact instance of child entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/{artifactId}

Tags: 5 - VNF group

Update artifact instance of child entity.

application/xml application/json

New artifact instance value

artifact-instance

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Artifact instance successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update category

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/{artifactId}/{categoryName}

Tags: [5 - VNF group](#)

Update category with given name.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId		path	string
categoryName		path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Category name successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update attribute

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}/{artifactId}/{categoryName}/{attributeName}

Tags: [5 - VNF group](#)

Update attribute with the given name and under the given category.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string

artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Updated attribute value

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Update child entity

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}

Tags: [5 - VNF group](#)

Update child entity.

application/xml application/json

Entity to update

[artifact-instance](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Children entity successfully updated

[artifact-instance](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Children entity not found

500 Internal server error

Internal server error

Update category for an artifact instance

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}/{categoryName}

Tags: [5 - VNF group](#)

Update artifact instance of child entity.

application/xml application/json

Category to update

[category](#)

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	New category name value	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Artifact instance successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Updating attribute value

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/{artifactId}/{categoryName}/{attributeName}

Tags: [5 - VNF group](#)

Updating attribute value.

application/xml application/json

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Attribute value	query	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Attribute name successfully updated

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete entity

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}

Tags: [5 - VNF group](#)

Delete an entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Delete child entity

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{entityId}/children/{childId}

Tags: 5 - VNF group

Delete the given child entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Delete successful

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new public image

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images

Tags: 5.1 - Public images repository

Creates a new image with the provided information in the public repository of the level. It will be available for the given level, for its parent levels (except the domain), and also for every descendant level. If the current level is the domain, the image will be available for the domain and all its lower levels.

application/xml application/json

Information of the new image

artifact-instance

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully created
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert public image to private

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}

Tags: [5.1 - Public images repository](#)

Move the image from the public repository of the level to its private repository. And also attach it to the private repository of the upper levels (excluding domains). If the current level is the domain, move the image from the public repository of the domain to its private repository.

imageId	Image id	path	string
convert	Mandatory parameter that must have value 'private'	query	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public

Tags: [5.1 - Public images repository](#)

Get info.

includeRoots	includeRoots	query	string	false
vnfGroupId	VNF Group id	path	string	
tenantId	Tenant id	path	string	
organizationId	Organization id	path	string	

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get public images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images

Tags: [5.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. It will obtain the images of the public repositories of the given level, its parent levels, and every descendant level.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get public owned images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/owned

Tags: [5.1 - Public images repository](#)

Get a list of images available in the public repository of the given level. Only the images in the public repository of the level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}

Tags: [5.1 - Public images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fetch. One of [xlite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/children

Tags: [5.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/children/{childId}

Tags: [5.1 - Public images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/children/{childId}/{artifactId}

Tags: [5.1 - Public images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/{entityId}/{artifactId}

Tags: [5.1 - Public images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

[Edit image](#)

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}

Tags: [5.1 - Public images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Image successfully updated

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

[Delete public image](#)

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}

Tags: [5.1 - Public images repository](#)

Remove an image from the public repository of the level. If the image is not contained in any other repository, delete it.

imageId		path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Grab image from public repository of descendants

PATCH

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/public/images/{imageId}

Tags: [5.1 - Public images repository](#)

Moves an image from descendant public repositories to public repository at this level. The image is removed from the public repository of its descendants, and it is added to the public repository of the current level.

imageId	Image id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to public repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Create new private image

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images

Tags: [5.2 - Private images repository](#)

Creates a new image with the provided information in the private repository of the level, and also attach it to the private repository of the upper levels (excluding domains). If the current level is a domain, the operation creates a new image with the provided information in the private repository of the domain. It will be available only to the given domain.

application/xml application/json

Information of the new image

artifact-instance

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully created

artifact-instances

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Convert private image to public

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}

Tags: [5.2 - Private images repository](#)

If the image is not attached with the private repository of the upper level, then move the image from the private repository to the public repository of the current level, and detach it from any other public or private repository. If the current level is a domain, the operation will move the image from the private repository of the domain to its public repository, and detach it from any other public or private repository.

imageId	Image id	path	string
convert	Mandatory parameter that must have value 'public'	query	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully moved to private repository

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

410 Gone

Some problem happened adding the image to the repository

500 Internal server error

Internal server error

Grant permission to a private image

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/grant

Tags: [5.2 - Private images repository](#)

For each one of the given IDs of children levels, it will add the given image to its private repository. Also, the image will be removed from the private repository of every child level that is not included in the given children IDs.

imageId	Image id	path	string
childId	Ids of children which must maintain the image in their private repository	query	string[] , multiple parameters (childId=aaa&childId=bbb)
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Permission successfully granted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private

Tags: [5.2 - Private images repository](#)

Get info.

includeRoots	includeRoots	query	string false
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get private images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images

Tags: [5.2 - Private images repository](#)

Get a list of images available in the private repository of the given level. Only the images in the private repository of the current level will be retrieved.

attributeFilter	Attribute filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
stateFilter	Status filters	query	string[] , multiple parameters (stateFilter=aaa&stateFilter=bbb)
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
	application/xml application/json		

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get private owned images

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/owned

Tags: [5.2 - Private images repository](#)

Get a list of images where the highest level that has the image in its private_repository is the current level.

attributeFilter	Status filters	query	string[] , multiple parameters (attributeFilter=aaa&attributeFilter=bbb)
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
	application/xml application/json		

200 OK

Images successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get visibility of image

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}/visibility

Tags: [5.2 - Private images repository](#)

Return a list of the direct child instances that have the given image in their private repository.

imageId	Image id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string

organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Instances successfully obtained

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}

Tags: [5.2 - Private images repository](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/children

Tags: [5.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success

[instances-info](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/children/{childId}

Tags: [5.2 - Private images repository](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/children/{childId}/{artifactId}

Tags: [5.2 - Private images repository](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/{entityId}/{artifactId}

Tags: [5.2 - Private images repository](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Edit image

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}

Tags: [5.2 - Private images repository](#)

Edit the information of an image.

application/xml application/json

Information of the image to update

[artifact-instance](#)

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Image successfully updated

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Some names could not be found under the hierarchy

404 Not Found

Element does not exist

409 Conflict

Image is already contained in the repository

500 Internal server error

Internal server error

Delete private image

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/private/images/{imageId}

Tags: [5.2 - Private images repository](#)

Remove an image from the private repository of the current level. If the image is not contained in any other repository, delete it. If the image is contained in other private repositories, only if they are at lower levels, remove the image from the private repositories of this and lower levels, and delete the image.

imageId	Image id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Image successfully deleted

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing? / Image not in repository

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Release lock for a job

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/release

Tags: [5.3 - Job tracking](#)

Release lock for a job.

jobId	Job id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Job successfully released

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Retry a job

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/retry

Tags: [5.3 - Job tracking](#)

When a job is retryable and its status is ON_ERROR, a retry call can be launch.

jobId	Job id	path	string
-------	--------	------	--------

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Job successfully retried

[jobs](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Rollback a job

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/rollback

Tags: [5.3 - Job tracking](#)

When a job is rollbackable and its status is ON_ERROR, a rollback call can be launch.

jobId	Job id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Rollback over Job successfully done

400 Bad Request

Bad request, check input parameters. Are they well formed? / No state ON_ERROR found in job

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs list

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking

Tags: [5.3 - Job tracking](#)

Get a paginated list of trackable jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string

errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50
sort	Sorting expression	query	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Jobs successfully obtained

[jobs](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get jobs history

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/historic

Tags: [5.3 - Job tracking](#)

Get historic list of executed jobs.

status	Status	query	string[] , multiple parameters (status=aaa&status=bbb)
operation	Operation	query	string
organization	Organization	query	string
tenant	Tenant	query	string
vnfGroup	VNF group	query	string
username	User name	query	string
jobId	Job id	query	string
parentJobId	Parent job id	query	string
jobName	Job name	query	string
errorDesc	Error description	query	string
lockValue	Lock value	query	string
offset	Pagination offset	query	integer (int32)
items	Pagination items	query	integer (int32) 50
sort	Sorting expression	query	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Jobs successfully obtained

[jobs](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job detail

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}

Tags: [5.3 - Job tracking](#)

Get a detail information about a job based on its ID.

jobId	Job id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Job successfully obtained

[job-detail](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get job task list

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}/tasks

Tags: [5.3 - Job tracking](#)

When a jobId represents a Task Execution List, this call returns a tasks object.

jobId	Job id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Task successfully obtained

[tasks](#)

400 Bad Request

Bad request, check input parameters. Are they well formed? / jobId is missing

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Change status of a job

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/tracking/{jobId}

Tags: [5.3 - Job tracking](#)

Change status of a job.

jobId	Job id	path	string
status	Status	query	string
description	Description	query	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Status successfully changed

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Create a template

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog

Tags: [5.4 - Catalog](#)

Create a template and attach it to the catalog.

application/xml application/json

Template to create

[template](#)

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Create a template from a temporal template

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal

Tags: [5.4 - Catalog](#)

Create a template copying the given temporal template, and attach it to the catalog.

application/xml application/json

Temporal template to copy

[temporal-template](#)

overwrite Overrite

query boolean

string[] , multiple

parameters

(visibility=aaa&visibility=bbb)

visibility [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]

vnfGroupId VNF group id

path string

tenantId Tenant id

path string

organizationId Organization id

path string

domainId Domain id

path string

X-Auth-Token Authentication token

header string

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Upload template tree

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/upload

Tags: [5.4 - Catalog](#)

Upload template tree.

application/xml application/json

Template to upload

[templates](#)

vnfGroupId VNF group id path string

tenantId Tenant id path string

organizationId Organization id path string

domainId Domain id path string

X-Auth-Token Authentication token header string

application/xml application/json

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Attach template to a resource

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}/attach

Tags: [5.4 - Catalog](#)

Attach template to a resource.

templateId	Template id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Dettach template from a resource

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}/detach

Tags: [5.4 - Catalog](#)

Dettach template from a resource.

templateId	Template id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get catalog

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog

Tags: [5.4 - Catalog](#)

Get catalog.

type	Type	string[] , multiple query parameters (type=aaa&type=bbb)
visibility	Visibility. At least one from [base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,private,public]	string[] , multiple query parameters (visibility=aaa&visibility=bbb)
includeRoots	Include roots	query string false
vnfGroupId	VNF group id	path string
tenantId	Tenant id	path string
organizationId	Organization id	path string
domainId	Domain id	path string
X-Auth-Token	Authentication token	header string
application/xml application/json		

200 OK

Catalog successful
[templates-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

No subtemplates found

500 Internal server error

Internal server error

Download templates

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/download

Tags: [5.4 - Catalog](#)

Download templates.

depth	Depth level to search	query	integer (int32) 10
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[templates](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Download a template

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/download/{templateId}

Tags: [5.4 - Catalog](#)

Download the template tree with the given id.

templateId	Template id	path	string
vnfGroupId	VNF group id	path	string

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
	application/xml application/json		

200 OK

Success

[templates](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Get catalog template

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}

Tags: [5.4 - Catalog](#)

Get catalog template.

templateId	Template id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
	application/xml application/json		

200 OK

Success

[template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Artifact not found

500 Internal server error

Internal server error

Get temporal component copy

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}/temporal

Tags: [5.4 - Catalog](#)

Get temporal component copy.

templateId	Template id	path	string
	Visibility. At least one from		string[], multiple
visibility	[base,designed,palette,tabs,vdc_manager,vnf_designer,vnfc_designer,pri vate,public]	query	parameters (visibility=aaa&visibility=bbb)
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token
 application/xml application/json
200 OK

header string

Success
[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Template not found

500 Internal server error

Internal server error

Merge temporal template

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal

Tags: [5.4 - Catalog](#)

Merge temporal template.

application/xml application/json

Temporal template to merge

[temporal-template](#)

templateId	Template id	query	string
noConnect	No connect to resource	query	boolean
sourceTemplateId	Source template id	query	string
includeConnector	Include connector	query	string[] , multiple parameters (includeConnector=aaa&includeConnector=bbb)
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[templates](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Modify catalog template

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}

Tags: [5.4 - Catalog](#)

Modify catalog template.

application/xml application/json

Template to modify

[template](#)

templateId	Template id	path	string
------------	-------------	------	--------

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Delete a component from a templral template

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal

Tags: [5.4 - Catalog](#)

Delete a component from a templral template.

[temporal-template](#)

templateId	Template id	query	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[temporal-template](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/{templateId}

Tags: [5.4 - Catalog](#)

Connect and disconnect.

templateId		path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string

204 No Content

Success

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Connect and disconnect

PATCH

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/catalog/temporal

Tags: [5.4 - Catalog](#)

Connect and disconnect.

application/xml application/json

Temporal template to connect

[temporal-template](#)

sourceComponentId	Source component id	query	string
sourceArtifactId	Source artifact ids	query	string[] , multiple parameters (sourceArtifactId=aaa&sourceArtifactId=bbb)
pluggedComponentId	Plugged component ids	query	string[] , multiple parameters (pluggedComponentId=aaa&pluggedComponentId=bbb)
pluggedArtifactId	Plugged artifact ids	query	string[] , multiple parameters (pluggedArtifactId=aaa&pluggedArtifactId=bbb)
unpluggedComponentId	Unplugged components ids	query	string[] , multiple parameters (unpluggedComponentId=aaa&unpluggedComponentId=bbb)
unpluggedArtifactId	Unplugged artifact ids	query	string[] , multiple parameters (unpluggedArtifactId=aaa&unpluggedArtifactId=bbb)
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[temporal-template](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Bad request

500 Internal server error

Internal server error

Get quotas

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota

Tags: [5.5 - Quota](#)

Get quota instance in order to be able to edit it.

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota instance successfully obtained
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed

Tags: [5.5 - Quota](#)

Get servers baremetal guaranteed.

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Servers baremetal guaranteed successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed consumed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/consumed

Tags: [5.5 - Quota](#)

Get servers baremetal guaranteed consumed.

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Servers baremetal guaranteed consumed successfully obtained
[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get server baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/{artifactId}

Tags: [5.5 - Quota](#)

Get server baremetal guaranteed.

artifactId	Artifact id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server baremetal guaranteed successfully obtained

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute guaranteed assigned

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed

Tags: [5.5 - Quota](#)

Get servers compute guaranteed assigned.

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Servers compute guaranteed successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get server compute guaranteed assigned

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed/{artifactId}

Tags: [5.5 - Quota](#)

Get server compute guaranteed assigned.

artifactId	Artifact id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server compute guaranteed successfully obtained

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quotas consumed filtered by resources

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/resources

Tags: [5.5 - Quota](#)

Get information about consumed quota filtered by resources in an organization.

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota resource successfully obtained

[resource-entities](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quotas usage

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/usage

Tags: [5.5 - Quota](#)

Get information about quotas usage in an organization.

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota usage successfully obtained
[organizational-entity](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get quota

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}

Tags: [5.5 - Quota](#)

Get quota artifact instance in order to be able to edit it.

artifactId	Artifact id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quota artifact successfully obtained
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota

Tags: [5.5 - Quota](#)

Modify quota (in one operation).

application/xml application/json

Quota instance

instance

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Quotas successfully updated

instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Attach server baremetal guaranteed

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/{artifactId}

Tags: [5.5 - Quota](#)

Attach server baremetal guaranteed.

artifactId	Artifact server id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Server baremetal guaranteed successfully attached

artifact-instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Attach server compute guaranteed

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed/{artifactId}

Tags: [5.5 - Quota](#)

Attach server compute guaranteed.

artifactId	Artifact server id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Server compute guaranteed successfully attached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Update quotas status

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/status

Tags: [5.5 - Quota](#)

Modify quota status in depth (in one operation).

application/xml application/json

Quota instance

[instance](#)

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Quotas status successfully updated
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by artifact

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}

Tags: [5.5 - Quota](#)

Modify quota by artifact.

application/xml application/json

Artifact

[artifact-instance](#)

artifactId	Artifact id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string

X-Auth-Token Authentication token header string
 application/xml application/json

200 OK

Quota successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by category

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}/{categoryName}

Tags: [5.5 - Quota](#)

Modify quota by category.

application/xml application/json

Category

[category](#)

artifactId	Artifact id	path	string
categoryName	Category name	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml

application/json

200 OK

Quota successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Modify quota by attribute

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/{artifactId}/{categoryName}/{attributeName}

Tags: [5.5 - Quota](#)

Modify quota by attribute.

application/xml application/json

artifactId	Artifact id	path	string
categoryName	Category name	path	string
attributeName	Attribute name	path	string
value	Value	query	string
vnfGroupId	VNF Group id	path	string

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Quota successfully updated
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach server baremetal guaranteed

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/baremetal/guaranteed/{artifactId}

Tags: [5.5 - Quota](#)

Detach server baremetal guaranteed.

artifactId	Artifact server id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server baremetal guaranteed successfully detached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach server compute guaranteed

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/quota/compute/guaranteed/{artifactId}

Tags: [5.5 - Quota](#)

Detach server compute guaranteed.

artifactId	Artifact server id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Server compute guaranteed successfully detached
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Invoke an operation

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/operations

Tags: [5.6 - Operations](#)

If the invocation is asynchronous returns the id of the operation that can be used with the getResult operation

application/xml application/json

Parameters to make the operation

[operation-request](#)

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull

[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Error in sosa communication

Gets all operations

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/operations/catalog

Tags: [5.6 - Operations](#)

Gets all operations.

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull

[operations](#)

500 Internal server error

Internal error

Gets all SOSA operations

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}

d}/{vnfs}/{vnfGroupId}/operations/sosa/catalog

Tags: [5.6 - Operations](#)

Gets all SOSA operations.

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull
[operations](#)

500 Internal server error

Internal error

Get operation result

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/{vnfs}/{vnfGroupId}/operations/{id}

Tags: [5.6 - Operations](#)

This operation is for asynchronous operation. It return the response if the operation has finished.

id	ID returned by asynchronous invoke	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Operation successfull
[operation-response](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Operation not found

500 Internal server error

Internal error / SYNC type (This operation is only available for ASYNC operations)

Get info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/{vnfs}/{vnfGroupId}/virtual

Tags: [5.7 - Virtual resource](#)

Get info.

includeRoots	includeRoots	query	string	false
vnfGroupId	VNF Group id	path	string	
tenantId	Tenant id	path	string	
organizationId	Organization id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	

application/xml application/json

200 OK

Entity readed
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get network information of VM

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/vm/{vmId}

Tags: [5.7 - Virtual resource](#)

Get network information of VM.

vmId	VM id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

VM network information successfully obtained

[virtual-machine](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get network information of VNF

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/vnf/{vnfId}

Tags: [5.7 - Virtual resource](#)

Get network information of VNF.

vnfId	VNF id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

VNF network information successfully obtained

[vnf](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get network information of VNF component

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/vnfc/{vnfcId}

Tags: [5.7 - Virtual resource](#)

Get network information of VNF component.

vnfcId	VNF component id	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

VNF component information successfully obtained

[vnf-component](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}

Tags: [5.7 - Virtual resource](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/children

Tags: [5.7 - Virtual resource](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false

vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/children/{childId}

Tags: [5.7 - Virtual resource](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xlite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/children/{childId}/{artifactId}

Tags: [5.7 - Virtual resource](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/virtual/{entityId}/{artifactId}

Tags: [5.7 - Virtual resource](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF Group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Create new user

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users

Tags: [5.8 - Users](#)

Create a new user

application/xml application/json

New user

[user](#)

vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

409 Conflict

User already exists.

500 Internal server error

Internal server error

Update user password

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/password

Tags: [5.8 - Users](#)

Update user password.

username	User name	path	string
oldPassword	Old password	query	string
newPassword	New password	query	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Get users information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users

Tags: [5.8 - Users](#)

Get users information.

vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing??

500 Internal server error

Internal server error

Get user information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}

Tags: [5.8 - Users](#)

Get user information.

username	Username	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[user-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user complete information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/detail

Tags: [5.8 - Users](#)

Get all user information including profiles, groups, revoked and granted operations

username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Get user profiles information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/profiles

Tags: [5.8 - Users](#)

Get user profiles information.

username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[profiles](#)**403 Forbidden**

Authentication error. Is token missing?

500 Internal server error

Internal server error

Get user profile information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/profiles/{profile}

Tags: [5.8 - Users](#)

Get user profile information.

profile	Profile name	path	string
username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[profiles](#)**403 Forbidden**

Authentication error. Is token missing?

500 Internal server error

Internal server error

Update user data

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}

Tags: [5.8 - Users](#)

Update user data.

application/xml application/json

User

[user](#)

username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[user](#)**403 Forbidden**

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Reset user password

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/password

Tags: [5.8 - Users](#)

Reset user password.

username	User name	path	string
newPassword	New Password	query	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Success
user

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Add a profile to a existing user

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/profiles/{profile}

Tags: [5.8 - Users](#)

Add a profile to a existing user. If profile does not exists, it is created and then added to user.

profile	Profile name	path	string
username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Delete a user

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}

Tags: [5.8 - Users](#)

Delete a user.

username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string

domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success
[user](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found

500 Internal server error

Internal server error

Detach a profile from a user

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/users/{username}/profiles/{profile}

Tags: [5.8 - Users](#)

Detach a profile from a user. Profile itself it is not deleted.

profile	Profile name	path	string
username	User name	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found / User has not profile

500 Internal server error

Internal server error

Read user members

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/members

Tags: [5.9 - Members](#)

Read all user members.

vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success
[users-info](#)

403 Forbidden

Authentication error. Is token missing?

500 Internal server error

Internal server error

Read member's user info

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/members/{username}

Tags: [5.9 - Members](#)

Get user info about a single user.

username	username	path	string
vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[users-info](#)

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Username not found.

500 Internal server error

Internal server error

Add a user as a member

PUT

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/members

Tags: [5.9 - Members](#)

Add a user as a member.

application/xml application/json

User info

[users-info](#)

vnfGroupId	Vnf group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

409 Conflict

User is already a member.

500 Internal server error

Internal server error

Remove a user as a member

DELETE

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/members/{username}

Tags: [5.9 - Members](#)

Remove a user as a member.

username		path	string
vnfGroupId	Vnf group id	path	string

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

204 No Content

Success

403 Forbidden

Authentication error. Is token missing?

404 Not Found

User not found.

500 Internal server error

Internal server error

Attach datacenter to entity

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/attach

Tags: [5.10 - Resource pool](#)

This operation will attach and existing datacenter to a entity.

datacenterId	Datacenter id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Datacenter successfully attached

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Detach datacenter to entity

POST

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{datacenterId}/detach

Tags: [5.10 - Resource pool](#)

This operation will detach and existing datacenter from a entity.

datacenterId	Datacenter id	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

200 OK

Datacenter successfully detached

[artifact-instances](#)**400 Bad Request**

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data centers information

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters

Tags: [5.10 - Resource pool](#)

Get information about organization Data Centers.

includeRoots	Include roots	query	string	false
vnfGroupId	VNF group id	path	string	
tenantId	Tenant id	path	string	
organizationId	Organization id	path	string	
domainId	Domain id	path	string	
X-Auth-Token	Authentication token	header	string	
application/xml	application/json			

200 OK

Data centers information successfully obtained

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get data center physical resource

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/resources

Tags: [5.10 - Resource pool](#)

Get data center physical resource.

vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Physical resource successfully obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}

d}/{vnfs}/{vnfGroupId}/datacenters/{datacenterId}/servers/baremetal/guaranteed

Tags: [5.10 - Resource pool](#)

Get servers baremetal guaranteed. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Get server baremetal guaranteed obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers baremetal shared

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/{vnfs}/{vnfGroupId}/datacenters/{datacenterId}/servers/baremetal/shared

Tags: [5.10 - Resource pool](#)

Get servers baremetal shared. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Get server baremetal guaranteed obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute guaranteed

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}

d}/vnfs/{ vnfGroupId }/datacenters/{ datacenterId }/servers/compute/guaranteed

Tags: [5.10 - Resource pool](#)

Get serversComputeGuaranteed. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Get server compute guaranteed obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get servers compute shared

GET

/domains/{ domainId }/organizations/{ organizationId }/tenants/{ tenantId }/vnfs/{ vnfGroupId }/datacenters/{ datacenterId }/servers/compute/shared

Tags: [5.10 - Resource pool](#)

Get serversCompute shared. In user or not.

inUse	In use	query	boolean
datacenterId		path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Get server compute shared obtained

[artifact-instances](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

403 Forbidden

Authentication error. Is token missing?

404 Not Found

Element does not exist

500 Internal server error

Internal server error

Get instance info

GET

/domains/{ domainId }/organizations/{ organizationId }/tenants/{ tenantId }

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{entityId}

Tags: [5.10 - Resource pool](#)

Get instance info.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Entity readed

[instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

500 Internal server error

Internal server error

Get entity children

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{entityId}/children

Tags: [5.10 - Resource pool](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
type	Type	query	string
includeRoots	Include roots	query	string false
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml	application/json		

200 OK

Success

[instances-info](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get entity child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{entityId}/children/{childId}

Tags: [5.10 - Resource pool](#)

Get entity child.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
data	Amount of data to fech. One of [xelite,xliteroot,lite,medium,full]	query	string full
vnfGroupId	VNF group id	path	string

tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
instance

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact from child

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{entityId}/children/{childId}/{artifactId}

Tags: [5.10 - Resource pool](#)

Get entity children.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
childId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string
application/xml application/json			

200 OK

Success
[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Not found

500 Internal server error

Internal server error

Get artifact instance from entity

GET

/domains/{domainId}/organizations/{organizationId}/tenants/{tenantId}/vnfs/{vnfGroupId}/datacenters/{entityId}/{artifactId}

Tags: [5.10 - Resource pool](#)

Get artifact instance from entity.

entityId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
artifactId	[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}	path	string
vnfGroupId	VNF group id	path	string
tenantId	Tenant id	path	string
organizationId	Organization id	path	string
domainId	Domain id	path	string
X-Auth-Token	Authentication token	header	string

application/xml application/json

200 OK

Success

[artifact-instance](#)

400 Bad Request

Bad request, check input parameters. Are they well formed?

404 Not Found

Artifact instance not found

500 Internal server error

Internal server error

Schema definitions

Definition of each object for the “nfvd-ext” extension operations.

artifact-definition: object

- family: string
- category: string
- group: string
- type: string
- subtype: string
- version: string
- physical: boolean
- enabled: boolean
- artifactDefinitionStatus: object[]

 - status

- artifactDefinitionCategories: object[]

 - category

- uri: string
- internal-id: string

artifact-ids: object

- id: string[]

 - string

artifact-instance: object

- artifact-definition: SimpleArtifactDefinition
- artifact-version: string
- categories: categories
- status: status
- id: string
- identifier: string
- artifact-template-id: string
- physical: boolean
- creation-timestamp: string
- update-timestamp: string
- uri: string
- internal-id: string

artifact-instances: object

- artifact-instance: object[]

 - artifact-instance

artifact-template: object

- artifact-definition: SimpleArtifactDefinition
- artifact-version: string
- categories: categories
- status: status
- id: string
- identifier: string
- physical: boolean
- creation-timestamp: string
- update-timestamp: string
- uri: string
- internal-id: string

artifact-templates: object

- artifact-template: object[]

 - artifact-template

ArtifactInstance:

- artifact-instance

ArtifactTemplate:

artifact-template

attribute: object

label: string
 order: integer (int32)
 mandatory: boolean
 value: string
 description: string
 type: string
 unit: string
 restrictions: [restrictions](#)

attributes: object

attribute: object[]
 attribute

categories: object

category: object[]
 category

category: object

label: string
 order: integer (int32)
 attributes: [attributes](#)

component-info: object

visible: [visible](#)
 source: string
 connectors: [connectors](#)

connector: object

artifact-ids: [artifact-ids](#)
 relationship-definition: [simple-relationship-definition](#)
 name: string
 type: string
 relationship-status: [status](#)
 connector-restrictions: [ConnectorRestriction](#)

ConnectorRestriction: object

exclusion: string[]
 string
 inclusion: string[]
 string

connectors: object

connector: object[]
 connector

elements: object

artifact-templates: [artifact-templates](#)
 relationship-templates: [relationship-templates](#)

execution-task:

Task

main-artifact: string
 final-status: string
 condition: string
 path: string
 running-status: string
 workflow: string
 behaviour-on-error: string
 number-of-retries: integer (int32)
 wait-between-retries: integer (int32)
 codes-to-do-rollback: string

rollback-workflow: string
mapping-list: string
output-mapping-list: string
order-by: string

execution-task-list:

Task

definition-id: string

Groups: object

group: object[]

 nfvd-resource

instance: object

id: string
name: string
type: string
description: string
language-code: string
artifact-instances: artifact-instances
relationship-instances: relationship-instances
root-artifacts: root-artifacts
subinstances: subinstances
source-template: string
uri: string
internal-id: string

instance-info: object

id: string
name: string
type: string
description: string
root-artifacts: root-artifacts
artifact-instances: artifact-instances
source-template: string
uri: string
internal-id: string

InstanceInfo:

 instance-info

instances-info: object

instance-info: object[]
 instance-info

interface: object

name: string
order: integer
vport-id: string
network: network
network-type-restriction: string
connection-status: string

Interfaces: object

interface: object[]
 interface

job: object

id: string
operation: string
start-time: string
delivery-time: string
end-time: string
status: string
error-description: string

username: string
domain: string
organization: string
tenant: string
vnf-group: string
parent-job-id: string
uri: string
job-name: string
internal-id: string

job-detail: object

job: job
request: request
response: response
retry-uri: string
rollback-uri: string

jobs: object

job: object[]
job

navigable-execution-task:

Task

nexts: tasks

navigable-execution-task-list:

Task

nexts: tasks

network: object

name: string
type: string
network-id: string
gateway: string
ipv4: string
ipv6: string

nfvd-resource: object

domain: string
organization: string
datacenter: string
tenant: string
vnf: string
type: string
uri: string
internal-id: string

operation: object

name: string
type: string
subtype: string
comm-type: string
mode: string
hr-name: string
sosa-operation-id: string
operation-configs: operation-configs
uri: string
internal-id: string

Operation: object

name: string
description: string

operation-config: object

scope: string

operation-permission: string

trackable: boolean

retryable: boolean

rollbackable: boolean

lock-key: string

operation-configs: object

operation-config: object[]

operation-config

operation-request: object

operation: string

type: string

inputParams: object[]

parameter

subtype: string

communication-type: string , x ∈ { ASYNC , SYNC }

operation-response: object

code: integer (int32)

description: string

id: string

start-timestamp: string (date-time)

finish-timestamp: string (date-time)

delivery-timestamp: string (date-time)

output-params: object[]

parameter

Operations: object

operation: object[]

Operation

operations: object

operation: object[]

operation

organizational-entities: object

organizational-entity: object[]

organizational-entity

organizational-entity: object

name: string

type: string

quota-items: quota-items

suborganizational-entities: organizational-entities

uri: string

internal-id: string

physical-quota-uri: string

parameter: object

key: string

value: string

Profile: object

name: string

type: string

operations: Operations

description: string

ProfileResource: object

profiles: profiles

profiles: object

profile: object[]

Profile

Quota: object

total: integer (int64)
 assigned: integer (int64)
 consumed: integer (int64)

quota-items: object

quota-item: object[]
 QuotaItem

QuotaItem: object

id: string
 type: string
 unit: string
 quota: Quota

relationship-definition: object

type: string
 enabled: boolean
 relationshipDefinitionStatus: object[]

status

relationshipDefinitionCategories: object[]
 category

uri: string

parent-artifact-definition: artifact-definition

child-artifact-definition: artifact-definition

internal-id: string

relationship-instance: object

relationship-type: string

parent-artifact-id: string

child-artifact-id: string

categories: categories

status: status

creation-timestamp: string

update-timestamp: string

uri: string

internal-id: string

relationship-instances: object

relationship-instance: object[]

relationship-instance

relationship-template: object

categories: object[]

category

uri: string

status: status

creation-timestamp: string (date-time)

update-timestamp: string (date-time)

parent-artifact-id: string

child-artifact-id: string

relationship-type: string

internal-id: string

relationship-templates: object

relationshipTemplates: object[]

relationship-template

RelationshipInstance:

relationship-instance

RelationshipTemplate:

relationship-template

request: object

http-operation: string
request-url: string
content-type: string
content: string

resource-entities: object

resource-entity: object[]
 resource-entity

resource-entity: object

name: string
type: string
resource-items: resource-items
subresource-entities: resource-entities

resource-items: object

resource-item: object[]
 ResourceItem

ResourceItem: object

type: string
unit: string
consumed: integer (int64)
total: integer (int64)

response: object

http-code: string
content: string

restriction: object

type: string
values: values
visible: visible

restrictions: object

restriction: object[]
 restriction

root-artifacts: object

artifact-id: string[]
 string

simple-relationship-definition: object

type: string
parent-artifact-definition: SimpleArtifactDefinition
child-artifact-definition: SimpleArtifactDefinition

SimpleArtifactDefinition: object

family: string
category: string
group: string
type: string
subtype: string
version: string

status: object

label: string
visible-label: string
enabled: boolean

subinstances: object

instance: object[]
 instance

SubmemberResource: object

subMembers: [users-info](#)

subtemplates: object

template: object[]

[template](#)

Task: object

id: integer (int64)

status: string

creation-timestamp: string (date-time)

update-timestamp: string (date-time)

job-id: string

root: boolean

name: string

description: string

start-time: string (date-time)

finish-time: string (date-time)

lock: string

workflow-id: string

match-id: string

rollback-status: string

execution-code: string

execution-description: string

initial-artifact-status: string

tasks: object

tasks: object[]

[Task](#)

template: object

id: string

name: string

type: string

description: string

subgroups: object[]

[template](#)

rootArtifacts: string[]

string

artifactTemplateSet: object[]

[artifact-template](#)

relationshipTemplateSet: object[]

[relationship-template](#)

uri: string

component-info: [component-info](#)

language-code: string

internal-id: string

Template:

[template](#)

template-info: object

id: string

name: string

type: string

description: string

component-info: [component-info](#)

root-artifacts: [root-artifacts](#)

artifact-templates: [artifact-templates](#)

uri: string

internal-id: string

template-trees: object

templates: object[]

template
TemplateInfo:
 template-info
templates: object
 elements: elements
 template-trees: template-trees
templates-info: object
 template-info: object[]
 template-info
temporal-template: object
 template: template
type: object
 value: string
unit: object
 value: string
user: object
 user-info: user-info
 profiles: profiles
 revoke-operations: Operations
 grant-operations: Operations
 groups: Groups
 uri: string
 internal-id: string
user-info: object
 username: string
 password: string
 name: string
 surname: string
 email: string
 phonenumer: string
 organization: string
 preferred-language: string
 preferred-theme: string
 role: string
 company: string
 public-key: string
 uri: string
 internal-id: string
user-login: object
 username: string
 password: string
user-token: object
 expires: string
 issued: string
 user: user
users-info: object
 user-info: object[]
 user-info
values: object
 value: string[]
 string
virtual-machine: object
 name: string
 interfaces: Interfaces

uri: string
internal-id: string

VirtualMachines: object

virtual-machine: object[]
 virtual-machine

visible: object

scope: string[]
 string

vnf: object

name: string
vnf-components: VnfComponents
uri: string
internal-id: string

vnf-component: object

name: string
virtual-machines: VirtualMachines
uri: string
internal-id: string

VnfComponents: object

vnf-component: object[]
 vnf-component

