

# HP Subscription Repository

Release notes

v.7.0



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## In This Guide

This document explains the features included in the HP Subscription Repository v7.0.

## Audience

The audience for this guide is the Solutions Integrator (SI). The SI has a combination of some or all of the following capabilities:

Understands and has a solid working knowledge of:

- UNIX® commands
- Windows® system administration

Understands networking concepts and language

Is able to program in Java™ and XML

Understands security issues

Understands the customer's problem domain

## Conventions

The following typographical conventions are used in this guide.

Font	What the Font Represents	Example
<i>Italic</i>	Book or manual titles, and man page names	Refer to the <i>HP Service Activator — Workflows and the Workflow Manager</i> and the <i>Javadocs</i> man page for more information.
	Provides emphasis	You <i>must</i> follow these steps.
	Specifies a variable that you must supply when entering a command	Run the command: <code>InventoryBuilder &lt;sourceFiles&gt;</code>
	Parameters to a method	The <i>assigned_criteria</i> parameter returns an ACSE response.
<b>Bold</b>	New terms	The <b>distinguishing attribute</b> of this class...
Computer	Text and items on the computer screen	The system replies: <code>Press Enter</code>
	Command names	Use the <code>InventoryBuilder</code> command ...
	Method names	The <code>get_all_replies()</code> method does the following...
	File and directory names	Edit the file <code>\$ACTIVATOR_ETC/config/mwfm.xml</code>
	Process names	Check to see if <code>mwfm</code> is running.
	Window/dialog box names	In the <code>Test and Track</code> dialog...
	XML tag references	Use the <code>&lt;DBTable&gt;</code> tag to...
<b>Computer Bold</b>	Text that you must type	At the prompt, type: <code>ls -l</code>
<b>Keycap</b>	Keyboard keys	Press <b>Return</b> .
[Button]	Buttons on the user interface	Click [Delete]. Click the [Apply] button.
Menu Items	A menu name followed by a colon (:) means that you select the menu, then the item. When the item is followed by an arrow (->), a cascading menu follows	Select <code>Locate:Objects-&gt;by Comment</code> .

# 1 Introduction

## 1.1 Purpose

This document aims to give a brief description of all the features included in the version 7.0 of the HP Subscription Repository. For more information on the details of each feature, see the user documentation.

## 1.2 Acronyms

SR: Subscription Repository  
SID: Shared Information Model  
CRUD: Creation Read Update Delete  
OM: Order Management  
WS: Web Service  
WSDL: Web Service Definition Language  
CFS: Customer Facing Service  
RFS: Resource Facing Service

## 2 Features

### 2.1 Installation

- Unattended installation is supported. Parameters are set in a properties file.
- New options provide support for Postgres database, validation type and indexation mode.

### 2.2 Model

- Added new element ResourceFacingService.
- CustomerFacingServices may contain ResourceFacingServices depending on it.
- Added administrativeStatus field on product elements.
- Added new status field to child components (CustomerFacingServices, ResourceFacingServices and Resource).
- Added customerLabel field on product elements.
- Added specUsage field on specifications with supported value TEMPLATE and DEFINITION.
- Added new field operationalStatus on subscriptions.
- Added new field subStatus on subscriptions.
- Added resource and capacity fields on specifications.
- Added resource, capacity and used fields on subscriptions
- Renamed SUBSCRIPTION\_RELATIONSHIPS to SUBS\_DEPENDS and its fields to keep them more readable.

### 2.3 CRUD Operations

- New method to create basic subscription element. It allows include components in subscriptions.
- New method to delete basic subscription element. It allows remove components from subscriptions.
- New method to update basic subscription element. It allows update components into subscriptions.
- New method to query basic subscription element. The response includes only components, not the full subscriptions.
- New method to execute advanced query basic subscription element. The response includes only components, not the full subscriptions.
- New methods to set and retrieve properties and characteristics from specifications and subscriptions.

*(Now it is possible to modify subscription elements individually instead of operating with the complete subscription)*

### 2.4 Search and Advanced Search

- Added pagination to querySubscription (advancedQuerySubscription already had it)
- Added queryCount to querySubscription

## 2.5 HPSA Integration

- Added nodes to manage the subscription information individually.
- Added nodes to manage the new element: Resource Facing Service
- Updated nodes to support pagination in querySubscription.
- Updated nodes to support queryCount in querySubscription.
- New integration with HP Service Activator based on RMI. The integration includes a full set of nodes equivalent to integration based on WS and a specific module to manage communication with HP Subscription Repository.

## 2.6 Database

- Support for Postgres Plus A.S. v9.2 (PPAS)
- Support for mySQL

## 2.7 External communication

Two RMI interfaces that provide the same functionality than WS, but working under an RMI communication:

- RMI interface to support the operations
- RMI interface to support management functionality

## 2.8 Dependency functionality

Subscription dependency has been added to give extra functionality and handle the amount of capacity used from a subscription for all its dependent subscriptions.

- New CRUD methods to handle with dependencies.
- New methods to get target and source dependencies.

## 2.9 Setter and getter properties and characteristics

Two new methods have been defined to allow set and get properties and characteristics directly without having to retrieve the whole specification or subscription.