HP

Data Center Automation Appliance

DCAA At-a-Glance – Premium Edition

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For complete support and compatibility information, see the support matrix for the relevant product release. All support matrices and product manuals are available here on the HP Software Support Online website:

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You can also download the *HP DCAA Support and Compatibility Matrix* for this release from the HP Software Support Online Product Manuals website:

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To check for recent updates or to verify that you are using the most recent edition of a document, go to:

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This site requires that you register for an HP Passport and sign in. To register for an HP Passport ID, click the **New users - please register** link on the HP Passport login page.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HP sales representative for details. See Documentation Change Notes for a list of any revisions.

Product Editions
There are two editions of the HP Data Center Automation Appliance:

- Premium Edition: HP Data Center Automation Appliance (HP DCAA-PE). For more information about the HP DCAA Premium Edition, see the HP DCAA Release Notes, HP DCAA Installation and Administration Guide, and the HP DCAA User Guide - Premium Edition.

- Express Edition: HP Data Center Automation Appliance (HP DCAA-EE). For more information about the HP DCAA Express Edition, see the HP DCAA Release Notes, HP DCAA Installation and Administration Guide, and the HP DCAA User Guide - Express Edition.

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DCAA Overview

This *DCAA at a Glance* guide provides information about the Express and Premium editions of DCAA and the   solutions supported in DCAA.
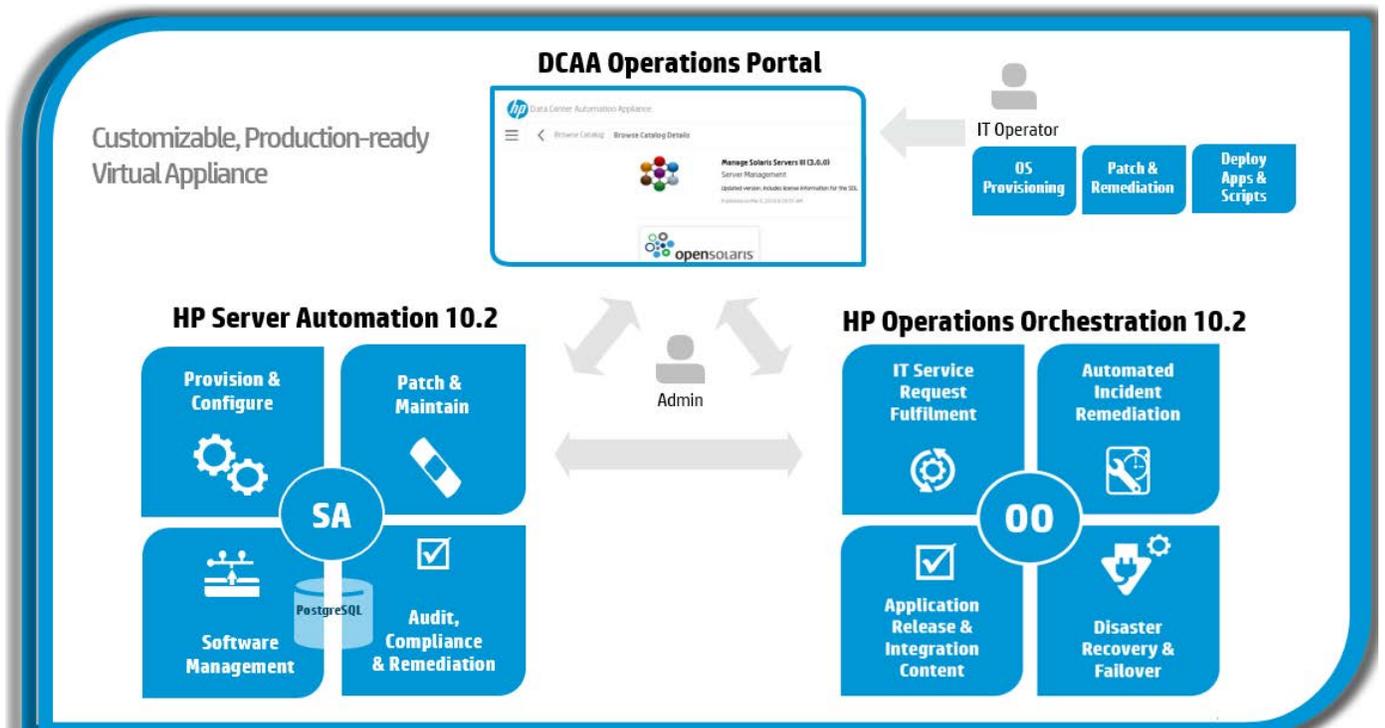
DCAA has two editions:

- The Premium Edition of the HP Data Center Automation Appliance (DCAA-PE). For more information about the HP DCAA Premium Edition, see the DCAA Release Notes, Installation and Administration Guide, and the HP DCAA Premium Edition User Guide.
- The Express Edition of Data Center Automation Appliance (DCAA-EE). For more information about the HP DCAA Express Edition, see the DCAA Release Notes, Installation and Administration Guide, and the DCAA Express Edition User Guide.

DCAA is a virtual appliance used to provision and manage servers. DCAA bundles HP Operations Orchestration (HP OO) and HP Server Automation (HP SA) to enable you to automate Data Center management activities such   as:

- Day 1 server provisioning
- Day 2 audit and compliance, software management, virtualization management, and more

You can leverage out-of-the-box user interface flows for day 1 and day 2 management activities and can also tap   into the rich capabilities of HP OO and HP SA for more complex management use cases.

DCAA Architecture

DCAA Premium Edition Features

DCAA Premium Edition is designed to get the customer up and running very quickly.

- **Simple install**: DCAA uses a wizard driven installer, removing complexity during installation.

- **Combined CSA, OO and SA**: DCAA is delivered as an appliance, and optimized to run a combination of HP CSA, OO, and SA in a virtual server environment.

- **Pre-installed Offerings OOTB** for the SA Agent install, Server provisioning, patching, and software management of the bundled components.

- **New IT Operator UI:** A pre-installed, self-service IT Operator UI option that can be used to operate DCAA Out-of-the box.

- **Migration from SAVA 10.0x**: DCAA provides migration support for customers moving from previous versions of SAVA 10.0x

- **SA Satellite support**: DCAA supports environments needing automated satellite servers

- **Solaris Support**: DCAA Premium Edition provides support for the Solaris platform.

- **Support for Integrations with CSA and OO: DCAA supports the integration of external installations of CSA and OO.**

- **Larger Supported Environment**: DCAA Premium Edition includes support for 3000 simultaneous network users

- **More Content**: DCAA Premium Edition includes Base content packs and several additional supported content packs available for download.

- **Audit and Remediation:** DCAA Premium Edition includes additional audit and remediation capabilities.

Out of the box, HP Data Center Automation Appliance Includes the following products:

HP DCAA

Product	Version
HP Operations Orchestration	10.20
HP Server Automation Virtual Appliance	10.20

HP Operations Orchestration

HP Operations Orchestration (HP OO) provides runbook IT automation software to improve service quality by standardizing on reliable, repeatable, and fully auditable task automation. HP OO reduces errors and boosts   performance, saving time and money.

More about HP Operations Orchestration

Website	HP Operations Orchestration
Support	HP Software Support (Patches and Product Documentation)
Downloads and Content	HP Live Network
Support Matrix	Software System and Support Matrix

HP Server Automation Virtual Appliance

HP Server Automation provides automated lifecycle management for enterprise servers in deploying applications,   determining a scalable, heterogeneous baseline, provisioning, patching, configuration management, and script execution.

More about HP Service Automation

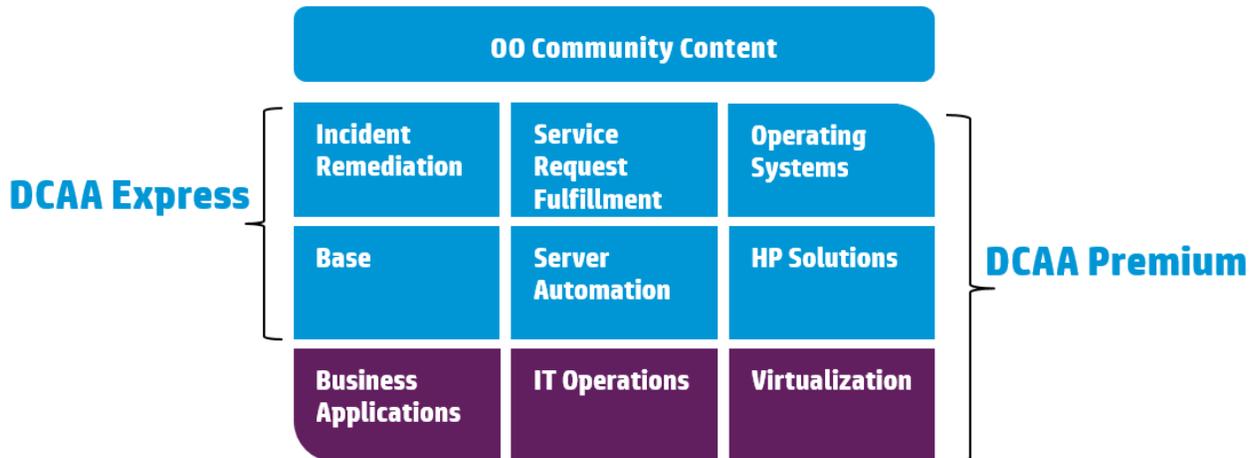|	
Website	HP Server Automation Virtual Appliance
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HP Live Network connector

HP Live Network (HPLN) connector (LNc) is installed with DCAA. See the *Live Network Connector Users Guide* on the HP Live Network for more information.

IT Operator UI

The optional IT Operator self-service 'DCAA Operations Portal' in DCAA allows Administrators to create and pre-configure service offerings that IT Operators in a company can use to effectively manage day to day operations faster.

Administrators will primarily use the HP Server Automation & HP Operations Orchestration components in DCAA to manage and automate server(s) & all Data Center operations.
For more information, see the Operations Portal section in the *HP DCAA Users Guide.* A list of HP Server Automation & HP Operations Orchestration documentation can be found in the *HP DCAA Installation and Administration Guide.*

Content Packs

- HP DCAA Content packs allow you to accelerate operations by coordinating execution of automated IT tasks & process workflows across teams.

- HP DCAA Express Edition includes the Base, Server Automation, Incident Remediation, Service Request Fulfillment, Operating Systems and HP Solutions content packs out of the box.

- HP DCAA Premium Edition includes the same content packs as above, plus entitlement to download the Business Applications, IT Operations, and Virtualization content packs from the HP Live Network OO Community.

Offerings

DCAA comes packaged with Out of the Box Offerings that are easy to configure. These include:
- Provision Server: Provision servers easily
- Manage Server: Manage servers from a central appliance
- Server Policy Remediation: This offering allows for server policy remediation
- Agent Installation: You can install the SA agent and other application agents with this offering

Migration from SAVA 10.x to DCAA 1.0

DCAA provides a migration path for SAVA 10.x customers. For more information on DCAA migration topics, see the HP *DCAA 1.00 Installation and Administration Guide.*

Support for integrations with CSA and OO

DCAA supports integrations with HP CSA and HP OO. For more information on DCAA integration support for CSA and OO, see the Integration Section in the HP *DCAA Installation and Administration Guide.*

Managed Platform Support

- DCAA supports 64-bit platforms and also supports desktop versions of Windows 7 and Windows 8.1.
- For complete support and compatibility information, see the *HP DCAA Support Matrix:* https://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01498765.
- All HP support matrices and product manuals are available here on the HP Software Support Online website: http://h20230.www2.hp.com/sc/support_matrices.jsp

DCAA Patching

By default, DCAA supports the Microsoft products listed below. Other products can be added by the customer depending on their managed server needs.

DCAA Patching - Supported Platforms

Platform	Comments
Internet Security and Acceleration Server 2004	Fully supported
Microsoft Office 2003	Fully supported
Microsoft Visual Studio 2005	Fully supported
Microsoft Visual Studio 2008	Fully supported
Microsoft Visual Studio 2010	Fully supported
Windows Exchange Server 2000	Fully supported
Windows Exchange Server 2003	Fully supported
Windows Server 2008	x86_64 only
Windows Server 2008 R2 x64	x86_64 only
Windows Server 2012	x86_64 only

OS Provisioning

- All OS Build Plan features are supported in DCAA.
- Build plans support VM targets.
- DCAA does not support OS sequences.

For more information, see the *HP SA User Guide: OS Provisioning*.

Virtualization

- DCAA supports VMware vCenter and the Microsoft System Center Virtual Machine Manager (SCVMM). DCAA supports the following VM Lifecycle Management features:

- Create VM with OS Build Plan

- Modify VM

- Migrate VM

- Clone VM (VMware only)

- Deploy VM from VM Template

- Power Controls

- Delete VM

- DCAA supports VM Template Lifecycle Management features:

- Convert VM to VM Template

- Delete VM Template

  Note: DCAA Premium Edition supports Oracle Solaris Zones.

Satellite Support

HP DCAA provides satellite support for remote and distributed network environments.

Supported Users

- A single installation of the HP DCAA Premium Edition can support up to 3000 licensed users on a network.

- Provisioning and managed platform: Solaris x86 support including support for Solaris zones.

SA Agent Installation - Protocols

Accessing servers for deployment through the Rlogin protocol is not supported in DCAA.

SA Features not Supported in DCAA

The following SA features are not supported in DCAA:

- APX development

- Bandwidth Configuration Management (bandwidth throttling)

- Multicore mesh

- Network Automation

- Server Automation Client reports

- Software discovery server module (DSSM)

- Server Storage Integration (SSI)

Information Resources

This section provides information about SA documentation that you will find useful for HP DCAA, as well as DCAA-specific documentation.

DCAA Documentation

To download the most recent edition of the DCAA documentation, go to:

https://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01498766

Here is a list of available DCAA-specific documentation:

- DCAA at a Glance—The products included and the features supported in DCAA.

- DCAA Installation and Administration—How to install and administer the virtual appliance.

- DCAA Users Guide—How users can operate the appliance.

- DCAA Compatibility Matrix—Supported platforms for DCAA.

- DCAA Release Notes—Known issues and workarounds.

SA Documentation

For a list of HP Server Automation Release 10.0 documentation, see the *HP DCAA Installation and Administration Guide.*

OO Documentation

Operations Orchestration (OO) 10.2, including OO Studio are included in HP DCAA 1.0. For more information about Getting Started with OO, including installing and running OO Studio, see the *Operations Orchestration- Documentation* section in the *HP DCAA Installation and Administration Guide* and the *HP DCAA Users Guide.*