

# HP Cloud Service Automation for Matrix

Software Version: 2011, June

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## Release Notes

Document Release Date: June 2011

Software Release Date: June 2011



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### Acknowledgements

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

## Documentation Updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

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- Submit and track support cases and enhancement requests
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- Manage support contracts
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- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require a support contract. To register for an HP Passport ID, go to:

**<http://h20229.www2.hp.com/passport-registration.html>**

To find more information about access levels, go to:

**[http://h20230.www2.hp.com/new\\_access\\_levels.jsp](http://h20230.www2.hp.com/new_access_levels.jsp)**

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## Cloud Service Automation for Matrix Release Notes

for the Windows ® and Linux operating systems.

**Software version:** 2011, June

**Publication date:** June 2011

This document is an overview of the changes made to Cloud Service Automation for Matrix (CSA for Matrix). It contains important information that is not included in books or Help. You can find information about the following in this document:

- [What's New in This Release](#)
- [Support Matrix](#)
- [Installation Requirements](#)
- [Known Problems and Limitations](#)
- [Documentation Updates](#)

### What's New in This Release?

- **Monitoring of enterprise applications:** This version of CSA for Matrix enables you to monitor the following applications that you can deploy in your cloud environment:
  - Microsoft Exchange Server 2007
  - Microsoft SQL Server 2008 R2
  - Microsoft IIS 7
  - Oracle 10g (on Linux only)
- **Software and patch compliance:** CSA for Matrix enables you to use the software and patch compliance feature of SA by mapping the appropriate OO workflows to the IO template. After you power on or enable a managed system that was inactive for a long time, CSA for Matrix automatically runs a check to determine if the system is compliant with software and patch policies on the SA server. If the system is found to be non-compliant, CSA for Matrix automatically installs necessary software or patch on the system and ensures the system is compliant.
- **Audit and remediation:** CSA for Matrix enables you to use the Audit and Remediation feature of SA by mapping the appropriate OO workflows to the IO template. You can use SA to define server configuration policies for the servers that you create by using CSA for Matrix. After you power on or enable a managed system that was inactive for a long time, CSA for Matrix automatically runs a check to determine if the system is compliant with audit policies. If the system is found to be non-compliant, CSA for Matrix (with the help of SA) takes necessary actions to ensure the system is compliant.
- **OS Build Plan:** This version of the CSA for Matrix enables you to use the OS build plan feature of SA. While creating a service template for provisioning the OS on a server, the OS Build Plans are listed under the Software tab.

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### Cloud Service Automation for Matrix Release Notes

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- **Monitoring of the CSA for Matrix infrastructure:** You can monitor the health and availability of systems where you install the CSA for Matrix.

## Installation Requirements

You can find requirements and steps to install Cloud Service Automation for Matrix in the *Cloud Service Automation for Matrix Configuration Guide* on the product installation media at this location:

`docs`

The *Cloud Service Automation for Matrix Product Software and Documentation* CD—available with the CSA for Matrix 2011, June media kit—presents the following items:

- **Workflows:** The `CSA4M.zip` file, which is available inside the `content` directory on the media, includes the necessary files and installer for the CSA for Matrix content.
- **Optional. HP Storage Essentials workflows:** The `OO-SE.zip` file, which is available inside the `optional` directory on the media, includes the necessary files and installer for the HP Storage Essentials workflows.
- **Documentation:** The CSA for Matrix documentation is available in the `docs` directory.
- **Open Source Software License Agreements:** License agreement files for the open source software included on the media are available in the `open-source-license` directory.



## CSA for Matrix Support Matrix

You can find the Support Matrix for this product that lists all software and hardware requirements at this location: [HP Support matrices](#).

**Note:** Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract. To find more information about support access levels, go to [Access levels](#).

To register for an HP Passport ID, go to [HP Passport Registration](#).

## Known Problems and Limitations

**Title:** HP ProLiant DL servers remain in the powered ON state when the Delete Service operation is complete.

**Description:** HP ProLiant DL servers remain in the powered ON state even after the Delete Service operation is completed in the IO console.

**Workaround:**

Manually power OFF the HP ProLiant DL server.

To automatically power OFF the servers after service deletion, follow these steps:

1. On the CMS, go to the `<HPIO_Install_dir>/conf` directory
2. Open the `hpio.properties` file.
3. Change the `power.preserve.onfailure= true` setting to `power.preserve.onfailure= false`.
4. Restart the HP Insight Orchestration service.

**Title:** The Erase disk operation fails for a Windows 2008 system .

**Description:** When you perform the Delete Service operation on a Windows 2008 system, the Erase disk operation fails. This problem also intermittently appears on HP ProLiant DL and HP ProLiant BladeSystem servers running on Red Hat Enterprise Linux.

**Workaround:** Manually clean up the system.

## Limitations

- Auditing of application compliance is not supported in this release of CSA for Matrix. Only compliance checks for Windows and Linux operating systems are supported.
- If one or more target servers are unreachable, running an audit from SA 9.03 might fail.

## Documentation Updates

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