
HP UCA Automation



Version 1.2

**UCA HPSA CA Guide
for Red Hat Enterprise Linux Server 6.x**

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Preface

This guide describes how to install, configure, and uninstall UCA HPSA CA.

Product Name: UCA Automation

Product Version: 1.2

Read this document before installing or using this Software.

Intended audience

This document is intended for the delivery team and the administrators who install and configure UCA-HPSA CA.

Software versions

The term UNIX is used as a generic reference to the operating system, unless otherwise specified.

The software versions referred to in this document are as follows.

Table 1 Software versions

Product version	Supported operating systems
UCA Automation 1.2	Linux Red Hat Enterprise Linux Server release 6.4

Typographical conventions

<code>Courier Text</code>	It is used for filenames and their contents, computer inputs or outputs, program codes, and so on.
<i>Italicized text</i>	It is used for labels, parameters, emphasized text, and replaceable text.
bold text	It is used to indicate navigation options in the interfaces; for example, the text appearing in buttons and menu items.
<angle brackets>	Indicates generic variable names that must be substituted by real values or strings.

Associated documents

The following documents contain useful reference information:

- OSS Open Mediation OSS Open Mediation V620L01 Installation and Configuration Guide

Support

Visit the HP Software Support Online Web site at www.hp.com/go/hpsoftwaresupport for contact information, and details about HP Software products, services, and support.

The Software support area of the Software Web site includes the following:

- Downloadable documentation.
- Troubleshooting information.
- Patches and updates.
- Problem reporting.
- Training information.
- Support program information.

Solution overview

The following is high-level solution overview. The UCA HPSA CA acts as a bridge between the HP Service Activator and other components integrated through NOM Bus. It transforms actions from and to the UCA Automated Console system HPSA format and back.

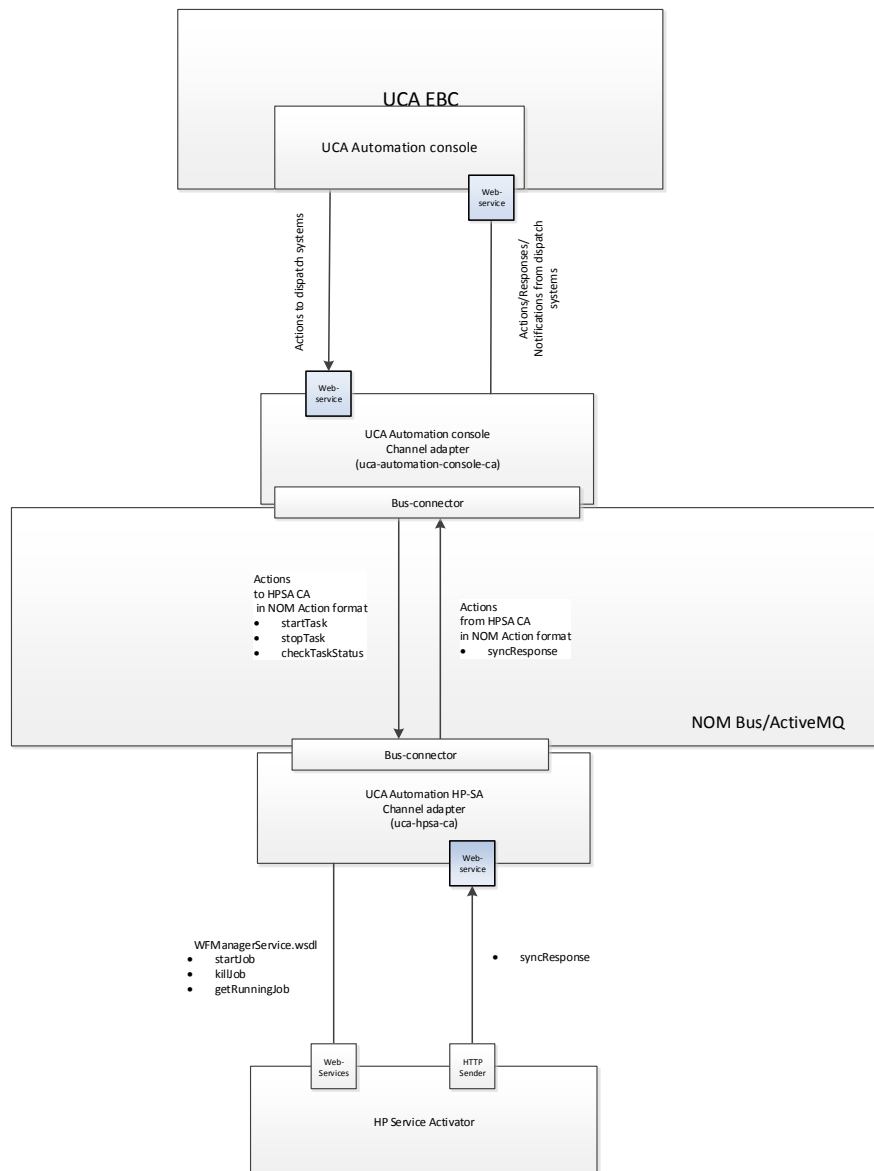


Figure 1 Solution overview

The following is the channel adaptor internal structure.

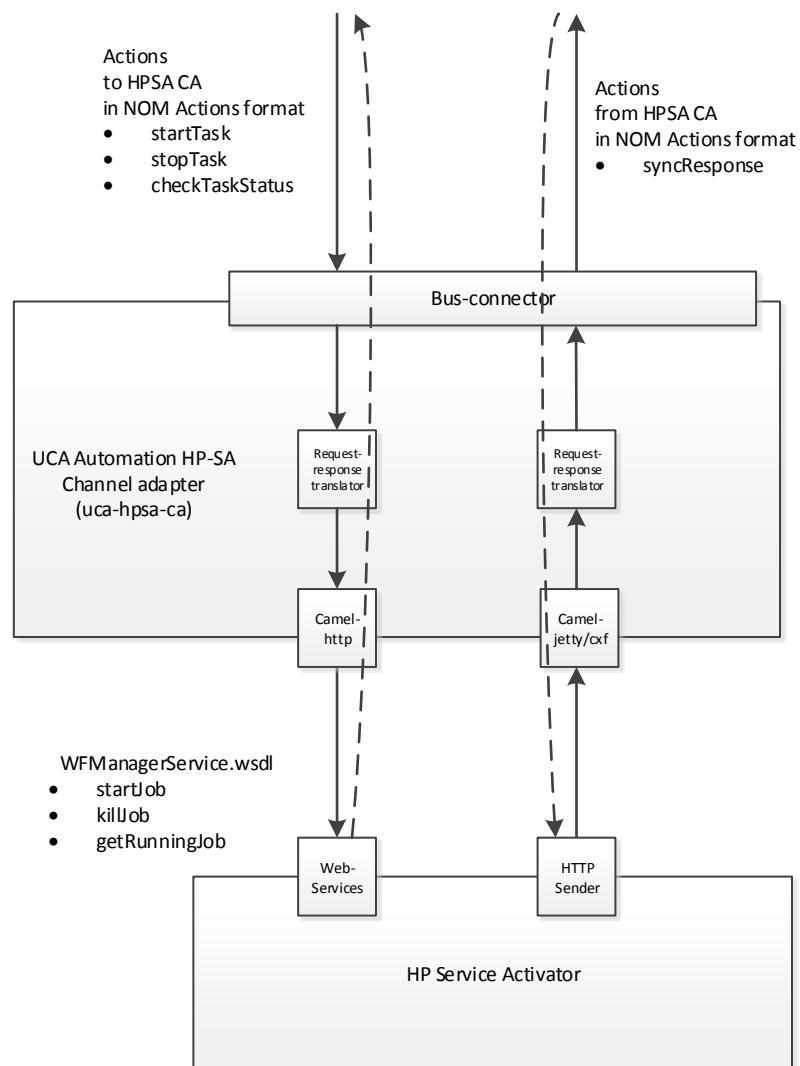


Figure 2 Channel adaptor structure

1.1 Deliverables

The `uca-hpsa-ca-2.0.0-L.tar` contains a channel adaptor for integration with HPSA in scope of UCA Automation solution.

Installing UCA HPSA CA

You can install UCA HPSA CA manually using the following procedure.

1. Extract the `uca-hpsa-ca-2.0.0-L.tar` file using the following command:

```
tar xvf uca-hpsa-ca-2.0.0-L.tar
```

2. Install the RPM to the `openmediation-70` directory using the following command.

```
rpm -i --relocate /opt/ngoss/=/opt/openmediation-70/  
ngossuca-hpsa-ca-2.0.0.x86_64.rpm
```

3. Use the following commands to install UCA HPSA CA.

```
nom admin --install-ip uca-hpsa-ca-20  
nom admin --install-ip-in-container uca-hpsa-ca-20  
nom_admin --deploy-ip-in-container uca-hpsa-ca-20
```

For some very specific needs UCA Autoconsole CA can be installed by a non-root user.

When installing UCA Automation as non-root user, the following limitations must be understood

The system RPM database is not accessible by a non-root user. As a consequence, when installation is performed by a non-root user, a specific RPM database must be specified. The default RPM repository for non-root installation is set to `~/rpmdb` (where `~` is the user home directory). A new RPM database can be initialized as follows

```
rpm --initdb --dbpath <alternate rpm db>
```

The new rpm db path can be specified when installing the CA

```
rpm -i --nodeps --dbpath <alternate rpm db> --relocate  
/opt/ngoss/=/opt/openmediation-70/ ngossuca-hpsa-ca-  
2.0.0.x86_64.rpm
```

Configuring UCA-HPSA CA

Use the following procedure to configure UCA-HPSA CA.

1. Configure the `<installation package deployment directory>/etc/config.properties` property file with the following parameters:
 - **hpsa.host**—HPSA hostname/IP address
 - **hpsa.port**—HPSA host port number
 - **hpsa.userid**—HPSA username
 - **hpsa.password**—HPSA user password
 - **hpsa.controller.workflow.name**—UCA Automation controller workflow name
 - **hpsa.uca-automation.sync-service.host**—Hostname/IP address that is exposed by the UCA-HPSA CA Web service receives the requests from HPSA (sender module)
 - **hpsa.uca-automation.sync-service.port**—Port number that is exposed by the UCA-HPSA CA Web service receives the requests from HPSA (sender module)
2. To apply the new configuration, redeploy the channel adaptor by using the `nom_admin` tool.

```
nom admin --undeploy-ip-in-container uca-hpsa-ca-20
nom_admin --deploy-ip-in-container uca-hpsa-ca-20
```

The default values are as follows:

```
# HPSA connectivity settings
hpsa.host=localhost
hpsa.port=8080
hpsa.userid=sa
hpsa.password=sa

# UCA Automation controller workflow
hpsa.controller.workflow.name=UCAController

# UCA Automation response handler connectivity settings
hpsa.uca-automation.sync-service.host=localhost
hpsa.uca-automation.sync-service.port=8191
```

Uninstalling UCA-HPSA CA

Perform the following steps to uninstall UCA-HPSA CA manually.

1. Undeploy the channel adaptor from any OSS Open Mediation container where it is deployed.

```
nom_admin --undeploy-ip-in-container uca-hpsa-ca-20
```

2. Uninstall the channel adaptor from any OSS Open Mediation container.

```
nom_admin --remove-ip-in-container uca-hpsa-ca-20
```

3. Uninstall the channel adapter from OSS Open Mediation.

```
nom_admin --remove-ip uca-hpsa-ca-20
```

4. Erase the package from the system.

```
rpm -e ngossuca-hpsa-ca-2.0.0-RHEL5.x86_64
```

For a non-root user specify the alternate rpm database path

```
rpm -e --dbpath <alternate rpm db> ngossuca-hpsa-ca-2.0.0-RHEL5.x86_64
```