HP UCA Automation

Version 1.1

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: 1.1

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 1.0	Linux Red Hat Enterprise Linux Server release 6.4

Typographical conventions

`Courier Text`	It is used for filenames and their contents, computer inputs or outputs, program codes, and so on.
Italicized text	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.

Chapter 1

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.

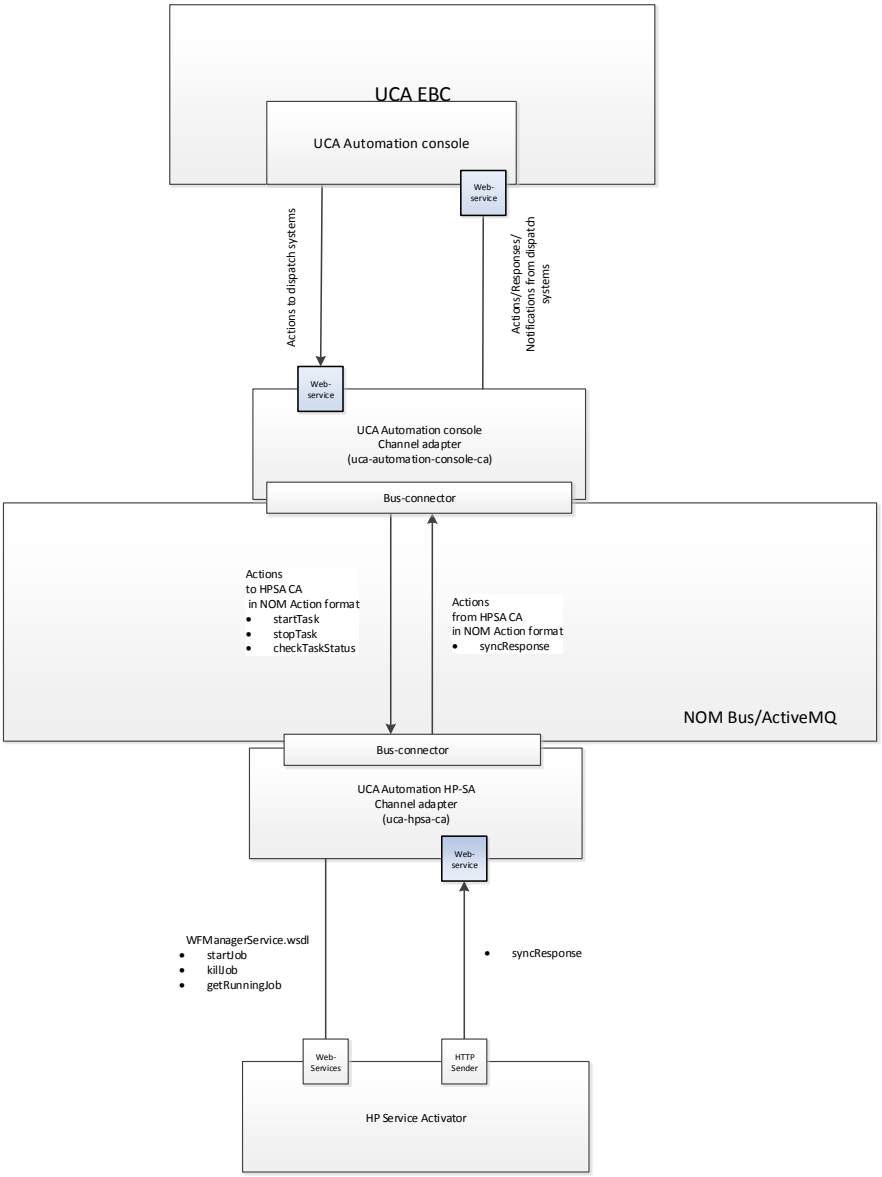

Figure 1 Solution overview

The following is the channel adaptor internal structure.

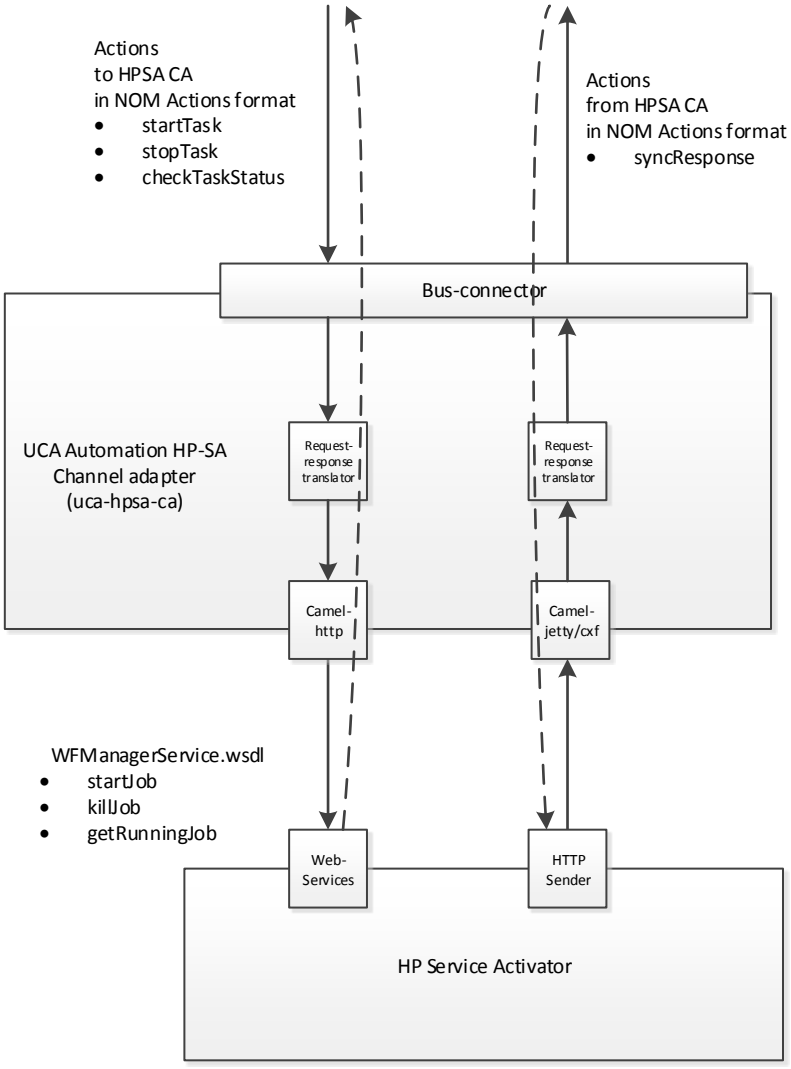

Figure 2 Channel adaptor structure

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.

Chapter 2

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
```

Chapter 3

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
```

Chapter 4

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
```