JSS-to-JSS Plug-in User Guide

Version 1.2

JAMF
software

Contents

Overview

The JSS-to-JSS plug-in is a plug-in for the JSS Conduit. It allows you to export inventory data from one JSS instance to another. This allows system administrators to view the same hardware and software information for computers and mobile devices in multiple JSS instances.

Requirements

Exporting data using the JSS-to-JSS plug-in requires:

- The JSS Conduit v2.0 or later
- The JSS v8.21 or later is required for the source server
- The JSS v9.31 or later is required for the destination server
- A JSS user account with privileges to read, update, and create buildings, departments, computers, and mobile devices

    For instructions on granting privileges to JSS user accounts, see the *Casper Suite Administrator's Guide*.

    Note: If you are using the JSS v8.7 or earlier, these privileges are API privileges.

- A non-clustered environment

In addition, you need the following:

- To export extension attributes from the source server, they must exist in the destination server with the same "Display Name" and "Data Type". (Optional: "Data Type" can be set to string.)
- To import the URL of the source server to the destination server, an extension attribute must be created on the destination server with the "Display Name" of Source_JSS and a "Data Type" of string.

Installing the JSS-to-JSS Plug-in

Follow these steps to install the JSS-to-JSS plug-in in the JSS Conduit.

You must have the JSS Conduit installed before you install the plug-in. For instructions on how to install the JSS Conduit, see the *JSS Conduit User Guide*.

1. On the computer that has the JSS Conduit installed, extract the JSS-to-JSS plug-in ZIP file.

2. Copy contents of the extracted folder to the following location:

    `/path/to/JSSConduit/resources/plugins/`

Setting Up a JSS-to-JSS Plug-in Instance

Before you can export data from one JSS instance to another, you must launch the JSS Conduit and set up a JSS-to-JSS plug-in instance. This allows you to specify a source and destination for the data you plan to export.

If you have more than two JSS instances, you can set up multiple instances of the JSS-to-JSS plug-in.

1. Open the JSS Conduit (`JSSConduit.jar`).

2. If prompted, enter credentials for a local administrator account and click **OK**.

3. Click **Add (+)** and choose "JSS To JSS Plug-In" from the **Plug-In** pop-up menu.

4. Do the following for both the Source JSS and the Destination JSS:

    a. Enter the URL of the JSS.

    The URL must include the correct protocol, domain, and port. It cannot end in a forward slash (/). For example:

    https://jss.mycompany.corp:8443

    b. Enter credentials for a JSS user account.

    The account must have privileges to read, update, and create buildings, departments, computers, and mobile devices.

    c. (Optional) For the Destination JSS, select **Override Sites** and enter the site you want to add all computers and mobile devices retrieved from the source JSS to.

    d. (Optional) Select **Debug** to enable more verbose logging.
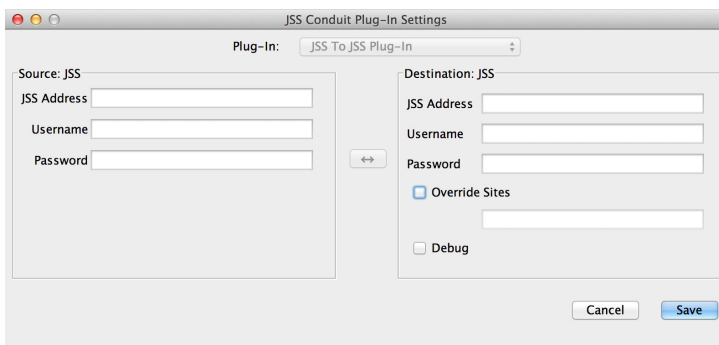
    Note: When creating an account for the source JSS, use an account that has access to all computers and mobile devices in the JSS or just one specific site.

5. Click **Save**.

After setting up a JSS-to-JSS plug-in instance, it appears in the main window of the JSS Conduit. For instructions on how to start exporting data, see "Exporting Data with the JSS Conduit" in the *JSS Conduit User Guide*.

Troubleshooting the JSS-to-JSS Plug-in

The log for the JSS-to-JSS plug-in is located in the following folder:

`/path/to/JSSConduit/resources/logs/JSSConduitGUI.log`

The XML for any computer or mobile device that cannot be exported to a destination JSS server will be saved in a folder that is named for the source JSS server.

- Computers

  `/path/to/JSSConduit/resources/plugins/JSS/URLofJSSServer/Problem Computer/ID_computername.xml`

- Mobile devices

  `/path/to/JSSConduit/resources/plugins/JSS/URLofJSSServer/Problem Mobile/ ID_mobiledevicename.xml`

With debug mode enabled, the XML for all computers and mobile devices will be saved to the local hard drive.

Warning: It is recommended that you enable debug mode for short periods of time because a large number of files will be generated on the hard drive.

- Computers

  `/path/to/JSSConduit/resources/plugins/JSS/URLofJSSServer/Computer/ID_ computername.xml`

- Mobile devices

  `/path/to/JSSConduit/resources/plugins/JSS/URLofJSSServer/Mobile/ID_ mobiledevicename.xml`

Release History

Version	Changes
v1.1	Added support for the JSS v9.0 or later.
v1.2	■ Added ability to send over extension attributes from the source to target server. ■ Added ability to send over the URL of the source server to the target server. ■ Added ability to add devices to a specific site on the target server. ■ Added a summary at the end of the log to provide users with an overview of which devices failed. ■ When in debug mode, the XML for all computers and mobile devices is saved into a debug folder for that JSS. ■ The XML for failed devices is saved to the same XML folder. ■ Resolved an issue in the JSS API v9.31 that prevented more than one computer with the same name to be imported into the destination server. ■ Resolved an issue where the plug-in was not able to correctly detect the version number of a hosted JSS server. ■ Improved the ability of the plug-in to get computer information from multiple versions of the JSS. ■ Resolved an issue that prevented the majority of mobile devices from being exported to the destination server.