Casper Suite Release Notes

Version 8.7

Contents

What's New in This Release

The following feature is new in the Casper Suite v8.7:

Casper Focus. An iOS app called Casper Focus is now part of the Casper Suite. Casper Focus allows teachers to control student devices during class time by "focusing" (or locking) the devices on a single app. It also allows teachers to clear passcodes on student devices.

Casper Focus is available for free from the App Store.

For requirements and setup information, see the *Casper Suite Administrator's Guide*. Teachers can find instructions on how use Casper Focus in the *Casper Focus User Guide*, available at:

http://www.jamfsoftware.com/libraries/pdf/products/documentation/Casper_Focus_User_Guide.pdf

Installation

Compatibility

JAMF Software makes every effort to ensure backwards compatibility with earlier versions of the Casper Suite. Use the most current version of the Casper Suite to take full advantage of new features and bug fixes.

Security measures built into the JSS prevent earlier versions of Casper Remote from working with newer versions of the JSS. Casper Admin also requires a JSS running the same version.

Upgrading the JSS on Mac OS X Server

Use the JSS Installer for Mac to upgrade the JSS on Mac OS X Server.

Requirements

A Mac computer with:

- An Intel processor
- 2 GB of RAM
- 400 MB of disk space available
- OS X Server v10.6 or later
- Java 1.6
- MySQL Enterprise Edition 5.5 or later (recommended) or MySQL Community Server 5.5 or later, available at:

  https://www.mysql.com/downloads/
- Ports 8443 and 9006 available

Upgrading

To upgrade the JSS:

1. Back up your current database.

2. Copy the most current version of the JSS Installer for Mac to the server.

   > *Note:* The JSS Installer for Mac that is included in the product DMG (`JSS Installer.mpkg`) is unsigned. To obtain a signed version of the JSS Installer for Mac (`JSS Installer.pkg`), contact JAMF Software Support. The signed installer allows you to install or upgrade the JSS when Apple's Gatekeeper feature is set to only allow applications downloaded from the Mac App Store and identified developers.

3. Double-click the installer to open it, and then click **Continue**.

4. When the Introduction pane appears, click **Continue**.

5. Read the information on the Read Me pane, and then click **Continue**.

6. Select a drive on which to install the software, and then click **Continue**.

7. If the Database pane appears, enter information about your MySQL database. Then, click **Continue**.

   The JSS Installer uses this information to connect to the existing database.

   > *Note:* This pane is only displayed if the `database.xml` file is in a custom location or contains invalid information.

8. Click **Install**.

9. Enter your administrator password when prompted, and then click **OK**.

10. When the upgrade is complete, follow the instructions on the Summary pane to access the JSS. Then, click **Close**.

    If you scheduled database backups with the JSS Database Utility v8.2, it is recommended that you reschedule the backups using the updated version of the JSS Database Utility. (See "Backing Up the Database" in the *Casper Suite Administrator's Guide* for detailed instructions.)

Enabling Certificate-Based Communication

If you are upgrading from the Casper Suite v8.2 or earlier, it is recommended that you enable certificate-based communication. Enabling certificate-based communication ensures that all messages from Mac OS X clients to the JSS are signed with a valid signature.

To enable certificate-based communication:

1. Log in to the JSS with a web browser.

2. Click the **Settings** tab.

3. Click the **Computer Management Framework Settings** link.

4. Click the **Security** tab.

5. Select the **Enable Certificate-Based Communication** checkbox.

Distributing an MDM Profile for App Management

App management with the Casper Suite is limited to devices that have an MDM profile that supports app management capabilities. Devices must be using iOS 5 to obtain this profile.

iOS 5 devices that are newly enrolled with the Casper Suite v8.3 or later automatically obtain an MDM profile with app management capabilities when they are enrolled. To update the MDM profile on devices that were enrolled with the Casper Suite v8.2 or earlier, you must distribute an updated MDM profile to the Self Service web clip. When a user installs the profile on an iOS 5 device, the device has app management capabilities.

Note: Only devices that are enrolled by OTA invitation or enrollment URL can obtain an updated MDM profile via the Self Service web clip.

To distribute an updated MDM profile:

1. Log in to the JSS with a web browser.

2. Click the **Settings** tab.

3. Click the **Mobile Device Management Framework Settings** link.

4. Ensure that the **Install Self Service Web Clip** option is selected, and then select **Prompt user to update MDM profile**.

5. Click **Save**.

Upgrading to OS X Server v10.8

This section explains how to upgrade the server hosting the JSS to OS X Server v10.8.

To upgrade the server hosting the JSS to OS X Server v10.8:

1. Back up your current database.

2. Upgrade from OS X v10.7 to v10.8.

3. Install Java 1.6.

4. Follow the instructions for upgrading the JSS.

Deprecations

The following features are still available and functional in the Casper Suite v8.7, but they will be removed in a future version:

- **Collection of UNIX executables**—The current functionality can be better addressed by creating one or more extension attributes to collect UNIX executables. This will allow you to use the executables as criteria for creating smart computer groups and performing advanced computer searches.

- **Collection of application details**—Some application details will be collected by default with the new functionality. The collection of copyright information, modification date, and permissions will most likely be removed.

- **Collection of UNIX reports**—The collection of UNIX reports (snapshots of the command-line tools `top`, `uptime`, and `w`) will be replaced with an extension attribute. This will allow you to use UNIX reports as criteria for creating smart computer groups and performing advanced computer searches.

- **Custom reporting framework**—The ability to create custom reports using JSP (Java Server Pages) files will be removed. Many of the reporting functions that currently require custom reports will be built into the Casper Suite.

- **Display Names for packages**—The **Display Name** field for packages may be removed.

If any of these features affect your environment, consider implementing the proposed, alternative solutions as soon as possible. If you need assistance with the transition, or have questions or concerns, contact your JAMF Software Account Manager.

Bug Fixes and Enhancements

JAMF Software Server

- [D-003377] Fixed an issue that erased app bundle IDs when updating location information for a mobile device using the API.
- [D-003789] Fixed an issue that caused the identities in user-level OS X configuration profiles to be stored in the system keychain, instead of the login keychain.

/usr/sbin/jamf (jamf binary)

[D-003047] Fixed an issue that prevented the jamf binary from properly setting the software update server on OS X v10.8.2 and v10.8.3 computers using a policy.