

Release Notes for Cisco Smart Storage JRE PKG Package Version 1.6.0.23

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These Release Notes provide information for the JRE PKG Package version 1.6.0.23 for the Cisco NSS 300 Series Smart Storage.

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Introduction

Your NSS 300 Series Smart Storage comes with built-in applications and the ability to add new applications. Add-on applications add new functionality to your Smart Storage device. Add-on applications are downloaded from Cisco.com via a PKG package or PKG plugin installation file.

Description

The Java Runtime Environment (JRE) provides the libraries, the Java Virtual Machine, and other components needed to run applications and applets written in the Java programming language.

With the JRE PKG installed, you can run a Java program, including Apache Tomcat servlet container. If you are developing Java applications and applets, you need the JDK (Java Development Kit).

Firmware Requirements

The Cisco NSS 300 Series Smart Storage device should be running firmware version 1.0.0 or higher. To update your firmware see, [Downloading and Upgrading the Firmware](#).

Downloading and Upgrading the Firmware

This procedure describes how to upgrade the firmware on the NSS 300 Series Smart Storage devices from the Network Attached Storage (NAS) interface.



CAUTION As a precautionary measure, back up the NAS system configuration before upgrading the firmware.



CAUTION Do not upgrade the firmware over a WAN or Wi-Fi link since an interruption in service can lead to corruption of the firmware upgrade process.

From the *Administration > Firmware Upgrade* window, you can view the current firmware version and update the firmware on the NAS. The current NAS settings will not change while performing the firmware version update.

To upgrade the firmware:

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- STEP 1** Click **Administration > Firmware Upgrade** from the Navigation menu. The *Firmware Upgrade* window appears. The current firmware version is displayed.
 - STEP 2** Click **Browse** to locate the correct firmware file for the system update. Before updating the system, verify that the product model and firmware version you are going to update is correct.
 - STEP 3** Click **Update The System**.

Within 15 seconds, a MD5 checksum result window will display to confirm the integrity of the system. After the successful integrity check of the NAS, click **OK** for the new firmware file to upload to the NAS. After this has completed, a message displays and asks you to reboot the system. Please wait patiently. A system log in window will automatically display after the successful update to the new firmware.

The MD5 verification window does not perform any processing on the NAS or the candidate firmware for installation. Once the target firmware has been selected, the MD5 verification allows the user to validate the checksum calculated by the NAS against the provided checksum value found in a separate file that was provided alongside the firmware download. Mismatched checksums indicate firmware integrity has been compromised.

PKG Package Installation

From the *Applications > PKG Plugins* window, you can install PKG packages to add more functions to the NAS. Before you install the packages, make sure the files are correct, read the instructions carefully, and back up all important data on the NAS. Download the software package that you want to install on NAS to your computer.

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To install a new PKG package:

STEP 1 Choose **Applications > PKG Plugins > Installation** from the Navigation menu. The *PKG Plugins INSTALLATION* window appears.

STEP 2 Click **Browse** to locate and select the JRE_1.6.0.23.pkg file.

STEP 3 Click **Install**. The JRE PKG Plugin is installed to the NAS.

NOTE To verify the PKG is installed, choose **Applications > PKG Plugins > PKG Installed**. A graphical icon appears in the window, indicating that the PKG is installed on the NAS system.

To enable the JRE PKG package:

STEP 1 Choose **Applications > PKG Plugins > PKG Installed** from the Navigation menu. The *PKG Plugins PKG INSTALLED* window appears.

STEP 2 Click the graphical JRE icon to open the application.

STEP 3 Click **Enable**. The status changes to *Enabled*.

STEP 4 Click **Close** to exit.

To remove the JRE PKG package:

STEP 1 Choose **Applications > PKG Plugins > PKG Installed** from the Navigation menu. The *PKG Plugins PKG INSTALLED* window appears.

STEP 2 Click on the JRE icon. The JRE application window appears.

STEP 3 Click **Remove**. The JRE PKG package is removed from the NAS.

Caveats

Information regarding any known caveats with JRE can be accessed from the following website:

<http://www.oracle.com/technetwork/java/javase/releasesnotes-136954.html>

Additional Resources

Support for the add-on applications is available via open source online community support resources.

Cisco Resources	URL
Cisco PKG Add-on Application Downloads (Firmware Link)	http://www.cisco.com/go/smallbizsmartstorage
Cisco Smart Storage Application Support	http://www.cisco.com/go/smartstorage-apps
Cisco Smart Storage Documentation, Application Notes, and Video Application Notes	http://www.cisco.com/go/smallbizsmartstorage
JRE Resources	URL
JRE Information	http://www.java.com/en/
Java Help Center	http://www.java.com/en/download/help/index.xml

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