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## Juniper NETWORKS Juniper JSA Software User Guide

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**Juniper NETWORKS Juniper JSA Software**



## Specifications

- Product Name: JSA 7.5.0 Update Package 10 Interim Fix 02 SFS
- Published Date: 2025-01-06

## Product Usage Instructions

### Installing the JSA 7.5.0 Update Package 10 Interim Fix 02 Software Update:

1. Download the update file from the Juniper Customer Support website.
2. Log into your system as the root user using SSH.
3. Ensure you have at least 10 GB of free space in /store/tmp for the JSA Console.
4. Create the /media/updates directory.
5. Copy the update files to the JSA Console.
6. Unzip the file in the /startup directory using the unzip utility.
7. Mount the patch file to the /media/updates directory.
8. Run the patch installer.

### Installation Wrap-up

1. Unmount the updates directory after installation completion.
2. Clear your browser cache before logging in to the Console.
3. Delete the SFS file from all appliances.

### Results:

A summary of the software update installation advises you of any managed hosts that were not updated. If any host fails to update, copy the update to the host and run the installation locally. After updating all hosts, inform your team to clear their browser cache before logging in to JSA.

### Clearing the Cache:

1. On your desktop, select Start > Control Panel.
2. Double-click the Java icon.
3. In the Temporary Internet Files pane, click View.
4. Select all Deployment Editor entries.
5. Click the Delete icon, then Close and OK.
6. Open your web browser.

## Release Notes

**Published** 2025-01-06

### JSA 7.5.0 Update Package 10 Interim Fix 02 SFS

## Installing the JSA 7.5.0 Update Package 10 Interim Fix 02 Software Update

JSA 7.5.0 Update Package 10 Interim Fix 02 resolves reported issues from users and administrators from previous JSA versions. This cumulative software update fixes known software issues in your JSA deployment. JSA software updates are installed by using an SFS file. The software update can update all appliances attached to the JSA Console.

The 7.5.0.20241204011410.sfs file can upgrade the following JSA version to JSA 7.5.0 Update Package 10 Interim Fix 02:

- JSA 7.5.0 Update Package 10 SFS
- JSA 7.5.0 Update Package 10 SFS Interim Fix 01

This document does not cover all the installation messages and requirements, such as changes to appliance memory requirements or browser requirements for JSA. For more information, see the Juniper Secure Analytics Upgrading JSA to 7.5.0.

Ensure that you take the following precautions:

- Back up your data before you begin any software upgrade. For more information about backup and recovery, see the Juniper Secure Analytics Administration Guide.
- To avoid access errors in your log file, close all open JSA webUI sessions.
- The software update for JSA cannot be installed on a managed host that is at a different software version from the Console. All appliances in the deployment must be at the same software revision to update the entire deployment.
- Verify that all changes are deployed on your appliances. The update cannot be installed on appliances that have changes that are not deployed.
- If this is a new installation, administrators must review the instructions in the Juniper Secure Analytics Installation Guide.

To install the JSA 7.5.0 Update Package 10 Interim Fix 02 software update:

1. Download the 7.5.0.20241204011410.sfs from the Juniper Customer Support website.

<https://support.juniper.net/support/downloads/>

2. Using SSH, log into your system as the root user.
3. To verify you have enough space (10 GB) in /store/tmp for the JSA Console, type the following command: `df -h /tmp /startup /store/transient | tee diskchecks.txt`
  - **Best directory option: /storetmp**  
It is available on all appliance types at all versions. In JSA 7.5.0 versions /store/tmp is a symlink to the /storetmp partition.
4. To create the /media/updates directory, type the following command: `mkdir -p /media/updates`
5. Using SCP, copy the files to the JSA Console to the /storetmp directory or a location with 10 GB of disk space.
6. Change to the directory where you copied the patch file. For example, `cd /storetmp`
7. Unzip the file in the /storetmp directory using the bunzip utility: `bunzip2 7.5.0.20241204011410.sfs.bz2`
8. To mount the patch file to the /media/updates directory, type the following command: `mount -o loop -t squashfs /storetmp/7.5.0.20241204011410.sfs /media/updates`
9. To run the patch installer, type the following command: `/media/updates/installer`
10. Using the patch installer, select all.
  - The all option updates the software on all appliances in the following order:
  - Console
  - No order is required for remaining appliances. All remaining appliances can be updated in any order the administrator requires.
  - If you do not select the all option, you must select your console appliance.
11. If your Secure Shell (SSH) session is disconnected while the upgrade is in progress, the upgrade continues. When you reopen your SSH session and rerun the installer, the patch installation resumes.

## Installation Wrap-up

1. After the patch completes and you have exited the installer, type the following command: `umount /media/updates`
2. Clear your browser cache before logging in to the Console.
3. Delete the SFS file from all appliances.

## Results

- A summary of the software update installation advises you of any managed hosts that were not updated. If the software update fails to update a managed host, you can copy the software update to the host and run the installation locally.
- After all hosts are updated, administrators can send an email to their team to inform them that they will need to clear their browser cache before logging in to the JSA.

## Clearing the Cache

After you install the patch, you must clear your Java cache and your web browser cache before you log into the JSA appliance.

## Before you begin

- Ensure that you have only one instance of your browser open. If you have multiple versions of your browser open, the cache might fail to clear.

- Ensure that the Java Runtime Environment is installed on the desktop system that you use to view the user interface. You can download Java version 1.7 from the Java website: <http://java.com/>.

### **About this task**

If you use the Microsoft Windows 7 operating system, the Java icon is typically located under the Programs pane.

### **To clear the cache**

1. Clear your Java cache:
  - On your desktop, select Start > Control Panel.
  - Double-click the Java icon.
  - In the Temporary Internet Files pane, click View.
  - On the Java Cache Viewer window, select all Deployment Editor entries.
  - Click the Delete icon.
  - Click Close.
  - Click OK.
2. Open your web browser.
3. Clear the cache of your web browser. If you use the Mozilla Firefox web browser, you must clear the cache in the Microsoft Internet Explorer and Mozilla Firefox web browsers.
4. Log in to JSA.

### **Known Issues and Limitations**

The known issues addressed in the JSA 7.5.0 Update Package 10 Interim Fix 02 are listed below:

- Access to X-Force servers.
- Apps fail to restart after the upgrade.
- Duplicate app entries on Traefik when the JSA console is powered off and on again.
- Issue adding Data Nodes to a cluster.

### **Resolved Issues**

The resolved issues addressed in the JSA 7.5.0 Update Package 10 Interim Fix 02 are listed below:

- Unable to delete saved searches.
- Event Start Time shows "N/A" after the upgrade.
- The host address value is empty for online forwarded events.
- Ariel. dataloader may cause a NullPointerException error while fetching the name of the sensor device type for ID 0.

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### **FAQs**

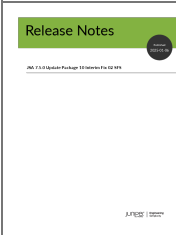
**Q: How do I verify if I have enough space for the JSA Console?**

A: You can verify by running the command: `df -h /tmp /ststartupstore/transient | tee diskchecks.txt`

**Q: What should I do if a managed host fails to update?**

A: Copy the software update to the host and run the installation locally.

## Documents / Resources

	<a href="#">Juniper NETWORKS Juniper JSA Software</a> [pdf] User Guide Juniper JSA Software, Software
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## References

- [📄 Downloads](#)
- [📄 Juniper Secure Analytics Administration Guide | JSA 7.5.0 | Juniper Networks](#)
- [📄 Juniper Secure Analytics Installation Guide | JSA 7.5.0 | Juniper Networks](#)
- [📄 Upgrading Juniper Secure Analytics to 7.5.0 | JSA 7.5.0 | Juniper Networks](#)
- [User Manual](#)

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