

Juniper Advanced Threat Prevention Appliances Release 5.0.8 Release Notes

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Juniper Advanced Threat Prevention Appliance Release Notes

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Introduction

The Juniper Networks® Advanced Threat Prevention Appliances (JATP Appliances) provide continuous, multistage detection and analysis of Web, e-mail, and lateral spread traffic moving through the network. JATP Appliances collect information from multiple attack vectors by using advanced machine learning and behavioral analysis technologies to identify advanced threats in as little as 15 seconds. Those threats are then combined with data collected from other security tools in the network, analyzed, and correlated, creating a consolidated timeline view of all malware events related to an infected host. After threats are identified, one-touch policy updates are pushed to inline tools to protect against a recurrence of advanced attacks.

New and Changed Features

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Increase in File Size Limit

The maximum file size limit for all file types that are extracted from SRX Series devices and files that are manually uploaded for malware analysis is 32MB.

[See [Configure File Type Profiles](#), and [Submitting a Malware File for Analysis](#).]

IoT Malware Detection

JATP Appliances now detect threats that are targeted against Internet of Things (IoT) devices in an enterprise network. We have included a new sandbox type to support dynamic analysis for IoT Executable and Linkable Format (ELF) file types.

On-demand Image Upgrade

You can now view the status of image download on the device. Log in to the JATP Appliance UI, select **System Health**, and check the **Behavior Engine** section to view the status of image download and behavior engine. You can choose to start the image upgrade immediately. Click the **Start Update** button or wait for automatic upgrade at the scheduled interval.

To view the logs for image update, log in to the JATP Appliance UI, navigate to the **Reports** section, select Report Category as **Technical Report**, Report Name as **System Audit**, and Event Type as **Software Update**, and generate the report.

[See [Checking the System Health of JATP](#).]

Resolved Issues

This section lists the resolved issues in hardware and software of the JATP appliances.

- Log files consumes excessive disk space. [\[PR1511544\]](#)

Software Installation and Upgrade Notes

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Software Upgrades—JATP Appliance Private Mode

In Private Mode, you must upgrade JATP Appliances manually. See the [Juniper Advanced Threat Prevention Appliance—Private Mode Guide](#) for details.

Software Upgrades

Software upgrades to the JATP Appliances occur automatically. The appliance checks for new software and content updates every day at regular intervals, and automatically applies those updates. See the [Operator's Guide](#) for details.

**WARNING:**

- Unless you are using JATP in Private Mode, you should not perform a manual software upgrade of the JATP Appliances. If you want a particular software version installed on the appliance, contact Juniper Networks Technical Assistance Center (JTAC) for assistance.
- For existing installations, ISO files posted to Juniper.net should be used only to recover from critical failures under exceptional circumstances with the guidance of JTAC or a sales engineer.
- If your appliance was reimaged with an ISO file downloaded from Juniper.net, we recommend that you open a case with JTAC to ensure that the device is registered correctly for updates.

Wipe the Device

To wipe the device, we recommend that you use DBAN software. For instructions about wiping a device using DBAN software, see: <https://www.lifewire.com/how-to-erase-a-hard-drive-using-dban-2619148>

Known Behavior

This section lists information about product behavior for the hardware and software of JATP Appliances.

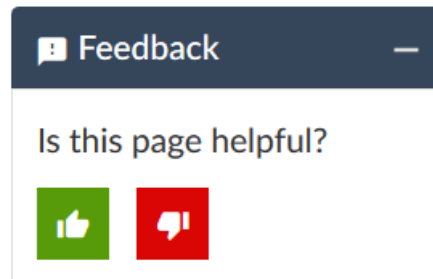
- When integrating JATP Appliances with an SRX Series device, you cannot use fxp0 interfaces to communicate with JATP Appliances. You must use a separate revenue interface. See the [JATP and SRX Series Integration Guide](#) for details.
- Backup and Restore is only for the Web UI configuration and does not include all incidents and events.
- Alerts are private and are visible only to the user who created them. In addition to the author, you can create additional users (or groups) who can view these private alerts. These users (or groups), users can view unexpected alerts that are not visible in their own views.
- JATP virtual appliances do not have VMware tools installed. You must power off the appliance for migration and/or cloning by using the CLI.
- Alerts for command-and-control (C&C) traffic are sent only at initial occurrence to avoid alert fatigue.
- The system does not enforce resource requirements for disk, RAM, and CPU. Although installations with limited resources might initially work, they eventually exhibit issues.

- Both JATP Appliance Core and All-in-One devices require Internet access. Other products might report a health alert for “Internet.” You can disregard those alerts.
- You can deploy JATP appliances as an e-mail collector. There is no separate orderable SKU for this deployment. You can repurpose any of the JATP appliances for this function.

Documentation Feedback

We encourage you to provide feedback, comments, and suggestions so that we can improve the documentation. You can provide feedback by using either of the following methods:

- Online feedback system—Click TechLibrary Feedback, on the lower right of any page on the [Juniper Networks TechLibrary](#) site, and do one of the following:



- Click the thumbs-up icon if the information on the page was helpful to you.
- Click the thumbs-down icon if the information on the page was not helpful to you or if you have suggestions for improvement, and use the pop-up form to provide feedback.
- E-mail—Send your comments to techpubs-comments@juniper.net. Include the document or topic name, URL or page number, and software version (if applicable).

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or Partner Support Service support contract, or are covered under warranty, and need post-sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the *JTAC User Guide* located at <https://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf>.

- Product warranties—For product warranty information, visit <https://www.juniper.net/support/warranty/>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <https://www.juniper.net/customers/support/>
- Search for known bugs: <https://prsearch.juniper.net/>
- Find product documentation: <https://www.juniper.net/documentation/>
- Find solutions and answer questions using our Knowledge Base: <https://kb.juniper.net/>
- Download the latest versions of software and review release notes: <https://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://kb.juniper.net/InfoCenter/>
- Join and participate in the Juniper Networks Community Forum: <https://www.juniper.net/company/communities/>
- Create a service request online: <https://myjuniper.juniper.net>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://entitlementsearch.juniper.net/entitlementsearch/>

Creating a Service Request with JTAC

You can create a service request with JTAC on the Web or by telephone.

- Visit <https://myjuniper.juniper.net>.
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <https://support.juniper.net/support/requesting-support/>.

Revision History

July 2020—Revision 1—JATP

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