

Quick Start Guide

Paragon Active Assurance 4.4 Quick Start

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Step 1: Begin

Paragon Active Assurance is a programmable test and service assurance solution. It uses software-based and traffic-generating Test Agents, which are easily used and delivered from the cloud as a SaaS solution or deployed on-premises in NFV environments.

This Quick Start guide is written for SaaS customers. If you are going to set up an on-premise installation of Paragon Active Assurance, please consult the Installation Guide for the product.

Step 2: Up and Running

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Activating Your License

This section describes license activation for SaaS customers. For on-premise installations of Paragon Active Assurance, licenses are created and activated differently; see the Installation Guide, chapter Getting Started with Paragon Active Assurance.

- Log in to the Juniper EMS Portal at license.juniper.net/licensemanage/ with your Juniper account credentials. If you do not have such an account, you are invited to create one.
- You will also have received from Juniper a "Software Entitlement Certificate" which contains a 17-character activation code in the format abCdeF-GhiJk-lmNOPq. If that code is listed in the **My Product Licenses** dialog, click the **Activate** button next to it. If the code is not listed, paste it into the box at the top and click the **Activate** button there.

The procedure that follows is different for existing customers and new customers.

Cloud Details

Add Devices to an Existing Account Instance Select ← Existing customer

OR

Register a new Account Instance ← New customer

*Company Name

*Account Name ? *Short Account Name ?

Test Agent Location

Cloud Provider Select ? Region

Account Owner

Name Phone Number Ask me

Address Line 1 *Email Address Ask me

Address Line 2

City/Town

*Country/Region

State/Province/Region

Zip/Postal Code

I Agree with Terms & Conditions. [View Agreement](#)

* represents mandatory field

Cancel Activate

- *Existing customer:*
 - Under **Cloud Details**, select **Add Devices to an Existing Account Instance**, then select the short name of your Paragon Active Assurance account from the drop-down box.
 - Your account has both a full name and a short name, and the latter is what is found in the drop-down.
 - The short name appears in the Control Center URL, for example, "juniper" in app.netrounds.com/juniper.



NOTE: If you do not find your short account name in the drop-down, please contact customer care before proceeding.

- The **Test Agent Location** section is relevant only if you are a Premium SaaS customer, that is, if you have a separate Control Center instance which is nonetheless managed by Juniper. If you are such a customer and have also purchased Juniper-managed Test Agents, you need to specify here the cloud where you want the Test Agents deployed and the region in which that cloud is located.
- The **Account Owner** section of the dialog is populated with your account details.
- Finish by clicking **Activate**.
- *New customer:*
 - Under **Cloud Details**, select **Register a New Account Instance** and enter your account details. Note that you need to enter both a full and a short account name.
 - **Account Name:** The account name that will be displayed in the Control Center GUI once you have logged in to the account, for example, "Juniper Inc."
 - **Short Account Name:** The short account name is used to access the account and to register Test Agents. Example: "juniper". In the short name, only the following characters are allowed: a-z, 0-9, "-", and "_".
 - Regarding the **Test Agent Location** section, see *Existing customer* above.
 - Finish by clicking **Activate**.

Please note that the activation is not instantaneous but will take about 48 hours. You will receive a confirmation email acknowledging your request. A work order is sent to the license team, which will activate the capabilities granted to the account.

If you encounter a problem in the activation process or if you have questions, please contact customer care.

Logging In to the Paragon Active Assurance SaaS

The Paragon Active Assurance SaaS server is found at <https://app.netrounds.com>. The web GUI shows the following login dialog:

Paragon Active Assurance

v3.1

user@example.com

.....

Log in

[Forgot your password?](#)

Enter the email and password for your Paragon Active Assurance user, then click the **Log in** button.

Step 3: Keep Going

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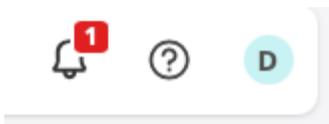
Introduction to Test Agents

Test Agents are what you use to collect measurements in Paragon Active Assurance. Test Agents are deployed at arbitrary locations in your network and consist of software capable of generating, receiving, and analyzing network traffic.

Test Agents come in the following main varieties: *Test Agent Appliance* and *Test Agent Application*.

- Test Agent Appliances are integrated with an optimized Debian Linux OS and is delivered by Juniper Networks in the form of software which can be installed:
 - on the Juniper NFX150 Network Services Platform
 - on customer-provided x86 hardware
 - as a virtual machine (Virtual Test Agent, vTA) on a hypervisor or public cloud provider.
- Test Agent Applications likewise consist of software and can be packaged and delivered by Juniper Networks in two ways:
 - Regular Test Agent Application: Consists of software downloaded by the customer and is installed as an application on a Linux computer.
 - Test Agent Cloud-Native Network Function (TA CNF or cTA): The Test Agent Application can optionally run as a container in any environment that supports it, for example, in routers.

For full details, consult the Paragon Active Assurance in-app help under [Test Agents](#). The in-app help is accessed by clicking the question mark symbol in the upper right corner of the Control Center GUI:



Configuring Test Agents

These are the ways to configure Test Agent Appliances in Paragon Active Assurance:

- From the Paragon Active Assurance web GUI.
- From the Test Agent local console, accessed from the command line.
- By providing a cloud-config configuration file.

Again, the full story is found in the Paragon Active Assurance in-app help under [Test Agents](#).

The two configuration interfaces are partly overlapping with respect to their functionality. Registration of Test Agents, however, must be done from the local console.

Test Agent Applications have no configurable settings other than registration credentials.

Using Test Agents for Measurement

As soon as a Test Agent has been registered, it will appear in the Paragon Active Assurance web GUI. You can then use it for measurement in tests and monitors. For the mechanics, please turn to the in-app help and read the section [Tests and monitors](#).

Paragon Active Assurance Documentation

The in-app help is found [here](#).

All other documentation is found in [TechLibrary](#).

Contacting Juniper Technical Support

To contact Juniper technical support, please file a ticket at support.juniper.net/support/requesting-support.