

# Release Notes

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Paragon Active Assurance Control Center Release 4.0.0

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# Introduction

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

These release notes accompany Release 4.0.0 of Paragon Active Assurance Control Center and detail its new features.

Build numbers:

- Control Center: 4.0.0.61
- Test Agent Appliance: 4.0.0.6
- Test Agent Application: 4.0.0.42
- Plugins: 4.0.0-101

A list of bug fixes is also provided as well as descriptions of limitations and known problems.

These release notes are available on the Paragon Active Assurance Documentation Web page at [https://www.juniper.net/documentation/product/en\\_US/paragon-active-assurance](https://www.juniper.net/documentation/product/en_US/paragon-active-assurance).

## General Notes

- Please note that not all features of Paragon Active Assurance are available to every customer; rather, availability is dependent on what product or service has been purchased.

# New and Changed Features

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## Running Test Agents on Juniper Routers

This release adds the ability to install and run Test Agent Applications on select Juniper ACX routers. Specifically, the ACX models supporting the Test Agent are:

- ACX7100-32C, ACX7100-48L
- ACX7509

This feature requires Junos OS 22.3R1-EVO or later.

The Test Agent runs in Junos OS Evolved as a third-party container. The following active assurance measurement tasks are supported:

- UDP
- TCP
- HTTP
- DNS
- Ping
- Path trace
- IPTV
- OTT video

# Support for NFX150-S1

Test Agents can now run on the NFX150 model NFX150-S1.

## Deprecated Features

None

## Known Issues

- PAALS-354 Configuring a large number of interfaces (40+) using Confd takes about 20% longer in version 3.4 than in 3.3.
- PAALS-443 UDP loopback plugin was not enabled after upgrade to 3.3. (*Workaround:* Restart the plugin service.) (P2 – High)
- PAALS-450 Not possible to get test results via Confd. (P2 – High)

## Resolved Issues

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This section lists limitations that are resolved with this release. The priority of each issue is also indicated.

## Control Center

- PAALS-279 Migration to 3.3.1 failed due to foreign key constraint. (P1 – Critical)
- CCC-503 "ncc plugins list" command (which lists installed plugins) failed with error message. (P2 – High)
- CCC-558: HTTP 400 (Bad Request) received when trying to update a monitor via the REST API. (P2 – High)
- CCC-702 Path trace monitor running on EVO did not clear old results when destination host was changed. (P2 – High)
- PAALS-106 After upgrade to 3.1.1, Test Agents running a monitor had their status wrongly displayed as idle when they came back online, although monitor execution did resume normally. (P2 – High)
- PAALS-409 Migration to 3.3.1 failed with error: 'JunosTwampRRD' object has no attribute 'tags'. (P2 – High)
- CCC-626 Parts of RFC 6349 test failed with "Unknown error". (P3 – Medium)
- CCC-630 EIR configuration test (color-aware) and Traffic policing test (color-aware) failed with "Unknown error". (P3 – Medium)
- CCC-631 QoS policy profiling test failed with "Unknown error". (P3 – Medium)

## Metrics-related

None

## Test Agent

None

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