

Release Notes

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Paragon Active Assurance Control Center Release 4.1.0

Table of Contents

[Introduction | 1](#)

[New and Changed Features | 2](#)

[Deprecated Features | 3](#)

[Known Issues | 4](#)

[Resolved Issues | 4](#)

Introduction

IN THIS SECTION

- [General Notes](#) | 1

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 4.1.0 of Paragon Active Assurance Control Center and detail its new features.

Build numbers:

- Control Center: 4.1.0.14
- Test Agent Appliance: 4.1.0.11
- Test Agent Application: 4.1.0.24
- Plugins: 4.1.0-45

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.

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

IN THIS SECTION

- [Running Test Agents on ACX7024 \(Ultron\) | 2](#)
- [Key-value tagging | 3](#)
- [System monitoring task | 3](#)
- [Support for UEFI boot | 3](#)

Running Test Agents on ACX7024 (Ultron)

This release adds the ability to install and run Test Agent Applications on the Juniper ACX7024 (Ultron) platform.

This feature requires Junos OS 22.4R1-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
- System monitoring *see below*

Key-value tagging

Previously, Paragon Active Assurance has offered simple, "one-dimensional" tags for labeling Test Agents and certain other items. This release replaces tags with more sophisticated *key-value* tagging, where you can define multiple keys, each of which can take an arbitrary value. For example, you may want to define a key "country", with country names as values, and another key "operator".

Please note that this feature is not fully backward compatible with the Control Center REST API:

- Tags are now returned as a dictionary instead of a list of strings.
- Tags are now set directly in each taggable resource (such as a Test Agent). The special resource for tag assignment (/tags/assign/) is no longer used.

System monitoring task

This task retrieves details on the server on which it is running, keeping track of (among other things) memory, CPU and disk usage.

System monitoring is implemented as a dynamic plugin which is not delivered with Paragon Active Assurance but is uploaded separately to Control Center.

Support for UEFI boot

Test Agents now support UEFI boot in addition to legacy boot.

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.

Resolved Issues

IN THIS SECTION

- [Control Center | 4](#)
- [Metrics-related | 5](#)
- [Test Agent | 5](#)

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

Control Center

- PAALS-814 Popup with message "e is undefined" appeared during execution of Path trace, and no results were displayed. (P1 – Critical)
- PAALS-14 IPTV tests failed with unknown error. (P2 – High)
- PAALS-106 Test Agent status shown incorrectly as idle in Control Center while the Test Agent was running a monitor. (P2 – High)
- PAALS-449 Periodic test failed with message "Plugins not found" although the plugin was upgraded to the latest version. (P2 – High)
- PAALS-450 Getting test results via the NETCONF API failed (no data in response). (P2 – High)
- PAALS-866 Speedtest public report could not be accessed. (P2 – High) TODO not done yet

- PAALS-19 Cleared alarms did not appear in the Control Center GUI. (P3 – Medium)
- PAALS-22 Subscription expiration banner referred to "Netrounds". (P3 – Medium)

Metrics-related

None

Test Agent

None

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