Cisco DNA Traffic Telemetry Appliance Release Notes

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Release Notes for Cisco DNA Traffic Telemetry Appliance

This document describes the features, limitations, and bugs for the Cisco DNA Traffic Telemetry Appliance (DN-APL-TTA-M).

Cisco DNA Traffic Telemetry Appliance Overview

The Cisco DNA Traffic Telemetry Appliance is a telemetry sensor platform that is used to generate telemetry from mirrored IP network traffic and share it with Cisco DNA Center for application and endpoint visibility. Network traffic is received from switches and routers via Switched Port Analyzer (SPAN) mirroring and fed into the Cisco DNA Traffic Telemetry Appliance mirroring interfaces. The Cisco DNA Traffic Telemetry Appliance analyzes the received traffic to produce a telemetry stream for Cisco DNA Center that is sent via the appliance network interface.

The Cisco DNA Traffic Telemetry Appliance offers a compact form factor that consumes less rack space and power.

Table 1: Platform Booting Methods

Boot Method	Booting Command from ROMMON	Supported in IOS XE 17.3.1
Bin boot	rommon> boot bootflash:ttam-universalk9.*.SSA.bin	Yes
Install boot	rommon> boot bootflash:packages.conf	No

Note Install boot is not supported in Cisco IOS XE Amsterdam 17.3.1. The impact of this limitation is the boot time: .bin boot takes more time than the Install boot, because the slower ROMMON retrieves the entire ttam-universalk9.*.SSA.bin from the bootflash to the memory.

New Features

The following table summarizes the new features in the Cisco DNA Traffic Telemetry Appliance.

Feature	Description
Cisco DNA Traffic Telemetry Appliance (DN-APL-TTA-M)	Appliance generates telemetry from mirrored network traffic for endpoint analytics and Application Performance Monitoring (APM) on Cisco DNA Center.

Feature	Description
Platform capabilities	• Promiscuous Interface mode. • Automation via Cisco DNA Center. • CAPWAP traffic decapsulation and inspection. • Aggregation of additional attribute data at the application layer through deep packet inspection (DPI) and through NetFlow analysis. • 20 Gbps ingress throughput support.
Telemetry for Endpoint Analytics	• Network-based application recognition (NBAR)-based protocol inspection and endpoint attribute extraction. • Support for 40,000 endpoints.
Telemetry for APM	• NBAR for application/protocol identification. • Quantitative analytics for each application flow in the network. • Qualitative analytics including packet loss, latency, jitter, and application response times per flow. • NetFlow/IPFIX export to Cisco DNA Center.

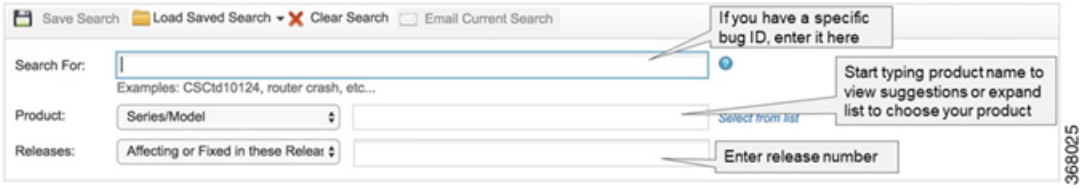
Cisco DNA Center Compatibility Information

For information about devices and software releases supported by each application in Cisco DNA Center, and for compatibility between Cisco DNA Center and the Cisco DNA Traffic Telemetry Appliance, see Supported Devices.

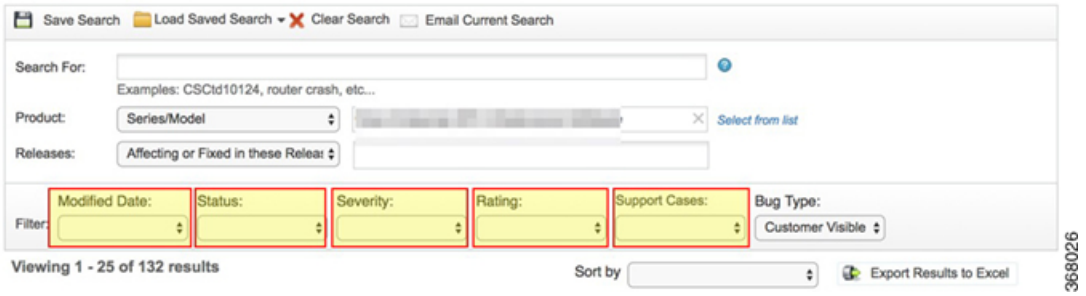
Bugs

Use the Bug Search Tool

Use the Bug Search tool to search for a specific bug or to search for all bugs in this release.



You can filter the search results.



Procedure

Step 1 Enter the following URL in your browser:

https://tools.cisco.com/bugsearch

Step 2 In the **Log In** window, enter your registered cisco.com username and password and click **Log In**.

The **Bug Search** window opens.

Note If you do not have a cisco.com username and password, register at https://idreg.cloudapps.cisco.com/idreg/guestRegistration.do.

Step 3 To search for a specific bug, enter the bug ID in the **Search For** field and press **Return**.

Step 4 To search for bugs in the current release:

a) In the **Search For** field, enter **Cisco DNA Traffic Telemetry Appliance** and press **Return**. (Leave the other fields empty.)

b) When the search results are displayed, use the filter tools to find the types of bugs you are looking for. You can search for bugs by modified date, status, severity, and so forth.

To export the results to a spreadsheet, click the **Export Results to Excel** link.

Open Bugs

The following table lists the open bugs in Cisco DNA Traffic Telemetry Appliance for this release.

Table 2: Open Bugs

Bug Identifier	Description
CSCvt61147	Traceback appears when using the command **connect G1toG2 GI0/0/1 GI0/0/2**.
CSCvu58852	The license boot-level command must be disabled in the Cisco DNA Traffic Telemetry Appliance platform.

Related Documentation

We recommend that you read the following documents relating to the Cisco DNA Traffic Telemetry Appliance:

For This Type of Information...	See This Document...
Release information, including new features, limitations, and open bugs.	Release Notes
Installation and configuration of the Cisco DNA Traffic Telemetry Appliance, including postinstallation tasks.	Hardware Installation Guide
Use of the Cisco DNA Center GUI and its applications.	Cisco DNA Center User Guide, "Cisco AI Endpoint Analytics" chapter
Use of the Cisco DNA Assurance GUI.	Cisco DNA Assurance User Guide, "Monitor Application Health" chapter
Cisco IOS software configuration information and support.	Command Reference
International agency compliance, safety, and statutory information for the Cisco DNA Traffic Telemetry Appliance.	Regulatory Compliance and Safety Information

Note Explore Content Hub, the all-new portal that offers an enhanced product documentation experience. Content Hub offers the following features to personalize your content experience:

- Faceted search to help you find content that is most relevant
- Customized PDFs
- Contextual recommendations

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