New and Changed Information

New and Changed Features in Cisco Catalyst Assurance

The following tables summarize the new and changed features in Cisco Catalyst Assurance and tell you where they are documented.

Table 1: New and Changed Features in Cisco Catalyst Assurance, Release 2.3.7.5

Feature	Description
Cisco TrustSec Environment Data Download Status	With this release, the Cisco TrustSec environment data download status issue support is extended to EVPN fabric deployments.
Enhancement to Deploying and Undeploying Sensor-Driven Test Templates	When you deploy or undeploy an IP Service-Level Agreement (SLA) performance test as a part of a sensor-driven test template, Catalyst Center asks if you want to configure the relevant commands on the wireless controllers to enable or disable IP SLA, so the sensors do or do not run the tests against the APs. See Create and Run Sensor-Driven Tests Using Templates and Manage Sensor-Driven Test Templates.

Feature	Description

Enhancements to Intelligent Capture Settings	In the **Assurance** > **Settings** > **Intelligent Capture Settings**, the enhancements include:
	
	• The **Configuration Status** column is added to view the configuration status of the onboarding and full packet capture sessions.
	
	You can also view the configuration status of the AP Statistics Capture and Anomaly Capture sessions under the respective tabs.
	
	• For AP Statistics Capture and Anomaly Capture, you can now only enable or disable specific APs or all APs managed by a wireless controller. The **None** option to disable these two features on all APs is no longer supported.
	
	• To streamline the nomenclature of Intelligent Capture, the tab names on the **Intelligent Capture Settings** are updated, as follows:
	
	  • **Client Schedule Capture** is now **Onboarding Packet Capture**.
	
	  • **Client Data Packet Capture** is now **Full Packet Capture**.
	
	  • **OTA Sniffer Capture** is now **OTA Sniffer**.
	
	See View Full Packet Capture History, Enable or Disable AP Statistics Capture on a Specific AP, Enable or Disable AP Statistics Capture on a Wireless Controller, Enable or Disable Anomaly Capture on a Specific AP, and Enable or Disable Anomaly Capture on a Wireless Controller.

Support of Visibility and Control of Wireless Device Configurations for Intelligent Capture	With Intelligent Capture now supporting the Visibility and Control of Configurations feature, you can preview AP and wireless controller configurations and send those configurations to IT Service Management (ITSM) for approval before deploying them. See Schedule an Onboarding Packet Capture Session for a Client Device, Run a Full Packet Capture Session on a Client Device, Enable or Disable AP Statistics Capture on a Specific AP, Enable or Disable AP Statistics Capture on a Wireless Controller, Enable or Disable Anomaly Capture on a Specific AP, Enable or Disable Anomaly Capture on a Wireless Controller, and Start a Spectrum Analysis Session on an AP.
Telemetry Status in SD-Access Health Dashboard	In the **Assurance** > **SD-Access** Health dashboard, you can view the **Telemetry Status** of fabric sites, transits, and virtual networks. You can also troubleshoot the root cause and auto recovery for the missing telemetry data for the network devices See Monitor and Troubleshoot the Health of Your SD-Access Fabric, Monitor the Health of a Fabric Site, Monitor the Health of a Transit and Peer Network, and Monitor the Health of a Virtual Network.

Feature	Description
Troubleshoot Telemetry Data for Wired Devices Using MRE Checks	Using MRE checks, you can troubleshoot the root cause of missing telemetry data for switches and routers. The MRE check includes: • Check SNMP telemetry subscriptions status • Get NETCONF details MRE availability checks if it's possible to automatically correct and resolve any certificate issues that are causing availability problems for network devices. MRE for Time Drift issue: If an excessive time drift occurs between Catalyst Center and the network device and that time drift is resolved manually by configuring the NTP, during the next synchronization cycle, the excessive time drift issue is resolved automatically.

Table 2: New and Changed Features in Cisco Catalyst Assurance, Release 2.3.7.4

Feature	Description
Assurance EVPN Support	With this release, Assurance supports EVPN fabric deployments. The following issues are newly added: • **VNI(s) Down on Fabric Node**: This issue is triggered when the VNI(s) are down on a fabric node device in an EVPN protocol network. • **Expected Peer not present on Fabric Node**: This issue is triggered when the NVE peer is missing from a fabric node device in an EVPN protocol network. • **BGP Session to Spine Node Down**: This issue is triggered when the BGP session is down between a fabric node and a spine role fabric node in a fabric site. **Note** In this release, the preceding issues are applicable only for EVPN EFT users.
Assurance Issues	With this release, a new **Assurance telemetry status is poor** issue is added to Router, Core, Distribution, and Access issues, Controller, Wired Client, Wireless Client under the System category. This issue is triggered when the telemetry status of the network device or client is poor. The issue is automatically resolved when the telemetry status is good. See Core, Distribution, and Access Issues.
SNMPv3 Support for AES192 and AES256 Encryption	With this release, Catalyst Center supports CISCOAES192 and CISCOAES256 encryption for SNMPv3 configuration. If you add devices with AES192 or AES256 encryption to Catalyst Center, Assurance data is collected for those devices.
Support for Visibility and Control of RF Configurations in the AI-Enhanced RRM Control Center	With the Visibility and Control of Configurations feature, you can preview RF configurations and send those configurations to IT Service Management (ITSM) for approval before deploying them. In the AI-Enhanced Radio Resource Management (RRM) Control Center, the AI RF Profile Simulator and Insights support the Visibility and Control of Configurations feature. See View the RF Network Using the AI-Enhanced RRM Dashboard.

Feature	Description
Telemetry Status in Assurance Health Dashboards	In the Assurance Network and Client Health dashboards, you can view the **Telemetry Status** of the devices and clients in your network.
	See Monitor and Troubleshoot the Health of a Device, Monitor and Troubleshoot the Health of Your Network, Monitor and Troubleshoot the Health of All Client Devices, and Monitor and Troubleshoot the Health of a Client Device.