New and Changed Information

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What's New in Cisco DNA Assurance, Release 2.2.1

The following table summarizes the new and changed features in the *Cisco DNA Assurance User Guide, Release 2.2.1*.

Table 1: New and Changed Features in Cisco DNA Assurance

Feature	Description
Radio outage issue	A radio outage issue is triggered when certain conditions are met. See Radio Outage Issue Triggers.
IPv6 support	Cisco DNA Center supports IPv6 addresses in canonical format only. See IPv6 Address Support. Cisco AI Endpoint Analytics does not support IPv6 addresses.
Troubleshoot issues with MRE workflow	You can use the MRE workflow to troubleshoot wired client issues and PoE issues. See Troubleshoot Wired Client Issues Using MRE, MRE Issues, Issue Instance Details for PoE Issue.
IPv6 support for troubleshooting issues using MRE	Cisco DNA Center provides support for the following troubleshooting issues with MRE: • Layer 2 loop • High CPU • Power supply failure • Fabric DHCP on edge • Interface down • PoE IMAX fault • AAA authentication

Feature	Description
FQDN support for Cisco Catalyst 9800 controllers	With this release, Cisco DNA Center FQDN supports the image version 17.4 or later for Cisco Catalyst 9800 Series Wireless Controllers, ECA, and embedded wireless controllers.
Network heatmap enhancements	The following enhancements are added to the Network Heatmap: • **Search AP**: You can search and select an AP. • **Daily View**: You can determine how all the APs behave every hour in a selected day. See Compare Access Points in Network Heatmaps.
Compare buildings, AP models, and endpoint types	You can view and compare network performance across selected Key Performance Indicators (KPIs) by buildings, AP model families, and wireless endpoint types. See Compare Buildings, AP Model Families, and Wireless Endpoint Types.
Peer comparison by network size	The peer networks that are used for comparison have a similar AP count. See Compare KPI Values with Peers in Your Network.
Baseline tabs	The **Baseline** tabs in the **Client** health dashboard will be deprecated in the near future. These tabs are located in the **Client Onboarding Times** and **Client Count Per SSID** dashlets. For AI Network Analytics features, you must enable AI Network Analytics. See Monitor and Troubleshoot the Health of All Client Devices.
Enhanced telemetry support for the Cisco Catalyst 9800 Series Wireless Controller	For the Cisco Catalyst 9800 Series Wireless Controller: If the SSIDs are mixed, that is Local mode, Flex mode, and Fabric mode, the Cisco Application Visibility and Control (AVC) basic record is configured. If all the SSIDs are in Local mode, the Optimized APM record is configured. See Criteria for Enabling Application Telemetry on Devices.
Issues enhancements	The following new WAN interface issues are supported: • WAN Interface Discard • WAN Interface Utilization • WAN Interface Down See Router Issues.
Ethernet interface KPI support for APs	APs support Ethernet interface KPIs in Device 360 and network for connectivity. Ethernet interface KPIs include Utilization, Error, and Rate.
Enhancements to AP issues	The AP Down issue is renamed to AP Disconnect from WLC. **AP Flap**: You can configure the new aggregation count. If the aggregation count is more than two within a time period of 15 minutes, a new AP flap issue notification is triggered. See Access Point Issues.

Feature	Description
Support for hex password in preshared key (PSK) format	For wireless sensors, support is added for the hex password in PSK format in backhaul settings. See Manage Backhaul Settings.