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Cloud Monitoring for Catalyst Wireless

Introduction

Get the simplicity you need from the cloud in your on-premises or hybrid Cisco Catalyst™ wireless infrastructure with Cisco® cloud monitoring for Catalyst. Cloud monitoring for Catalyst wireless is Cisco's latest solution for customers who need to simplify network operations, aided by the flexibility of cloud monitoring of their on-premises hardware. The cloud monitoring for Catalyst wireless solution eliminates complexity by using the Cisco Meraki® platform for cloud monitoring and alerts at no additional cost, using existing Cisco DNA software entitlements.

Overview

Table 1.   Hardware, software, and licensing requirements

Requirements			
Hardware			
Catalyst wireless controllers	9800-80 9800-40 9800-L-C 9800-L-F		
Catalyst and Aironet® wireless access points	Catalyst 9136 Series Catalyst 9166 Series Catalyst 9164 Series Catalyst 9163 Series Catalyst 9162 Series	Catalyst 9130 Series Catalyst 9124 Series Catalyst 9120 Series Catalyst 9117 Series Catalyst 9115 Series Catalyst 9105 Series	Aironet 4800 Series Aironet 3800 Series Aironet 2800 Series

Key benefits

Simplify Catalyst network operations with a centralized view of the network, enabling real-time health and assurance for Catalyst wireless LAN controllers, Catalyst access points, and clients, with remote monitoring and traffic analytics and application visibility. Cloud monitoring for Catalyst wireless provides visibility into your wireless infrastructure and any Meraki products, all in one place, for increased scalability.

Automate performance, health, and connection alerts and updates via event monitoring with webhooks and the Meraki dashboard API. Remote monitoring allows your team to view the network from anywhere at any time, once onboarded. Get real-time health and assurance for Catalyst wireless devices and clients to help with troubleshooting and increasing performance and scale. Track connection and performance health for on-premises infrastructure with live data and telemetry in Meraki dashboard. Enhance visibility into application performance, as well as viewing client traffic analytics for an even closer look at your network functionality.[1]

[1]Client traffic analytics are included only with a Cisco DNA Advantage license.

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Requirements	
Software	
	Cisco IOS® XE 17.12.3
Licensing	
	Cisco DNA Essentials
	Cisco DNA Advantage

Table 2.   Firmware and scale support[1]

Wireless LAN Controller		Meraki dashboard
Firmware: IOS XE 17.12.3/17.15.1 or later		
Catalyst 9800-L	Up to 250 access points/3000 clients	25,000 total devices per organization
Catalyst 9800-40	Up to 1300 access points/10,000 clients	1000 devices per network
Catalyst 9800-80	Up to 2000 access points/20,000 clients	50,000 clients per network

[1]**Scale to be supported at launch contingent upon final testing**

Capabilities

- Seamless onboarding with Meraki tunnel and automatic access point onboarding per controller

- Wireless controller operations featuring live access point and client counts, high-availability single sign-on health and performance health monitoring, and assurance

- Access point operations with live clients and radio utilization monitoring and performance health and assurance

- Client and application operations with client Layer 7 visibility, connection, and performance health monitoring

- Identify and troubleshoot issues remotely with remote monitoring via Meraki dashboard