Cloud Management for IOS XE Secure Routers

Simplify cloud operations with quantum-safe enterprise-ready branches

Cloud management for IOS XE Secure Routers merges the intuitive ease of the Meraki cloud dashboard with the robust scale and feature richness of Cisco IOS XE enterprise routing.

This solution serves as the foundation for the Cisco® Unified Branch architecture, enabling you to bridge high-performance connectivity with cloud-managed automation. By providing a single-vendor, unified dashboard for full-stack network and security management, you can deploy branches in minutes, streamline WAN operations, and ensure that your infrastructure is future-ready with quantum-safe cryptography.

Whether you require total “cloud mode” simplicity or “device mode” with granular Command-Line Interface (CLI) control, this solution empowers your IT teams to reduce multivendor complexity, minimize downtime, and accelerate digital transformation across enterprise and commercial environments.



Figure 1. Cloud Management for IOS XE Secure Routers

Benefits

- **Simplify operations at scale:** Automate and simplify day-zero tasks and firmware updates with zero-touch provisioning and automated cloud management to deploy branches in minutes.
- **Deliver full-stack management and automation:** Unify and automate day 0, 1, and N controls and operations, leveraging AIOps and workflows through the Cisco Meraki™ dashboard across routing, switching, and wireless.
- **Enable enterprise networking and security:** Deliver enterprise-grade performance with consistent security policies across managed platforms through the Meraki dashboard, enhanced with quantum-safe cryptography to protect against emerging quantum threats.
- **Enhance assurance and telemetry through the Meraki dashboard:** Provide a single pane of glass for visibility and troubleshooting for Cisco IOS® XE secure routers.

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Accelerate and secure deployments with enhanced visibility

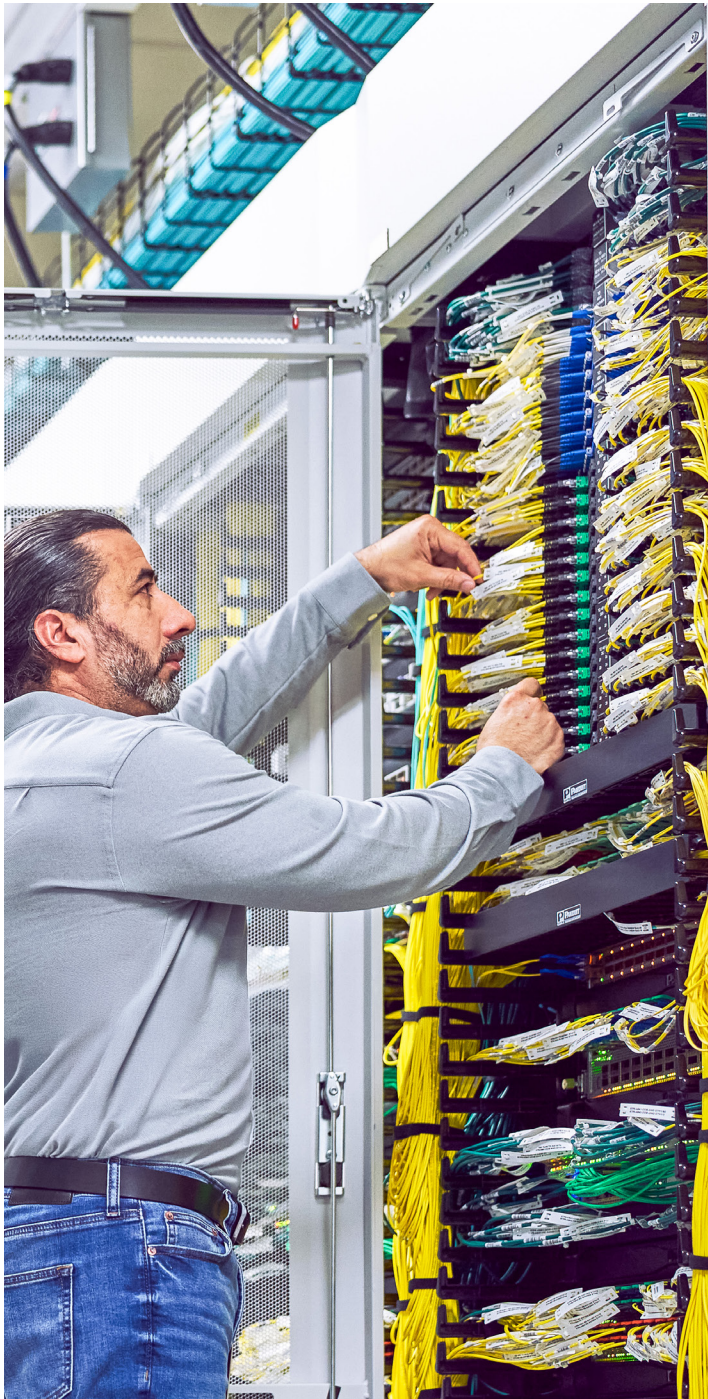
Cloud Management for IOS XE Secure Routers provides a cloud-native management capability that transforms how you manage your branch infrastructure. It introduces Zero-Touch Provisioning (ZTP), automated inventory management, Auto VPN in IOS XE, advanced routing, and next generation firewall (NGFW), managed through a unified cloud management platform.

CLI Profiles extend cloud management by bringing native IOS XE CLI capabilities into the centralized management platform, enabling administrators to configure advanced IOS XE features without switching between cloud management and the local CLI.

Unlike solutions from security-focused vendors that lack unified enterprise routing, or from traditional vendors that require siloed tools, this solution offers a single-vendor, unified dashboard for full-stack network and security.

You benefit from:

- **Flexible management:** Choose between a full cloud dashboard UI or device-level CLI control.
- **Enterprise-grade performance:** High-performance G2 hardware for demanding WAN environments.
- **Advanced assurance:** Enabling device health monitoring and AI driven insights for real-time observability.
- **Quantum-ready security:** Built-in post-quantum cryptography to protect against emerging threats.



Learn more

Simplify your branch operations and scale your network with confidence.

Contact your Cisco sales representative today to request a demo, or visit Cisco Secure Routers page to learn how you can unify your routing and security management.

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