

# Expand network automation to edge devices



Red Hat Ansible Automation Platform and Cisco Meraki simplify provisioning, configuration, and management of edge devices.

- ▶ Increase agility and respond rapidly to changing conditions.
- ▶ Gain consistency and reduce configuration drift.
- ▶ Boost scalability and automate edge connectivity.

## Automate operations across your network

Modern networks continue to grow in both size and complexity as IT organizations increase capacity, integrate diverse technologies, and expand connectivity to meet evolving business needs. Efficient, accurate operations across entire networks—from datacenters and cloud environments to edge devices—are key for maintaining the reliability and performance of critical infrastructure and applications. By using automation to configure and manage networks—including edge devices that are close to end users and data sources—you can streamline processes, reduce manual errors, enhance compliance, and respond to changing requirements in less time.

Red Hat and Cisco offer advanced automation solutions that help you build and manage a flexible, security-focused, cost-effective network that rapidly adapts to evolving user and application demands across distributed locations.

## Simplify edge networking with automated, cloud-based management

Red Hat® Ansible® Automation Platform and Cisco Meraki deliver automated edge device provisioning and configuration capabilities that simplify and speed network deployment. A cloud-based network infrastructure platform, Cisco Meraki provides centralized management for edge and branch technologies, including wireless access points, smart cameras, sensors, network switching, and branch routing. Rapidly deploy and manage agile, scalable, adaptable networks that deliver optimal performance for critical applications and services.

A foundation for building and operating automation services at scale, Ansible Automation Platform delivers all the tools and features you need to deploy end-to-end automation workflows across network infrastructure and edge devices. Built, supported, and maintained by Red Hat and technology partners, [Red Hat Ansible Certified Content](#) helps you quickly automate IT infrastructure and networks—including Cisco Meraki deployments—with precomposed content. Available directly from the Ansible Automation Platform interface, these collections—including playbooks, rulebooks, roles, and modules—focus on platform integrations so you can automate across different IT domains and technologies efficiently and in less time.

The [certified Cisco Meraki content collection](#) simplifies deployment and management of Cisco Meraki devices and endpoints across edge locations. Using predefined content, you can automate many common Cisco Meraki administration tasks—including network and device deployment, configuration at scale, and compliance checking and management—to eliminate manual, repetitive, error-prone processes across your network. Using automation workflows and playbooks, you can extend your network auto-

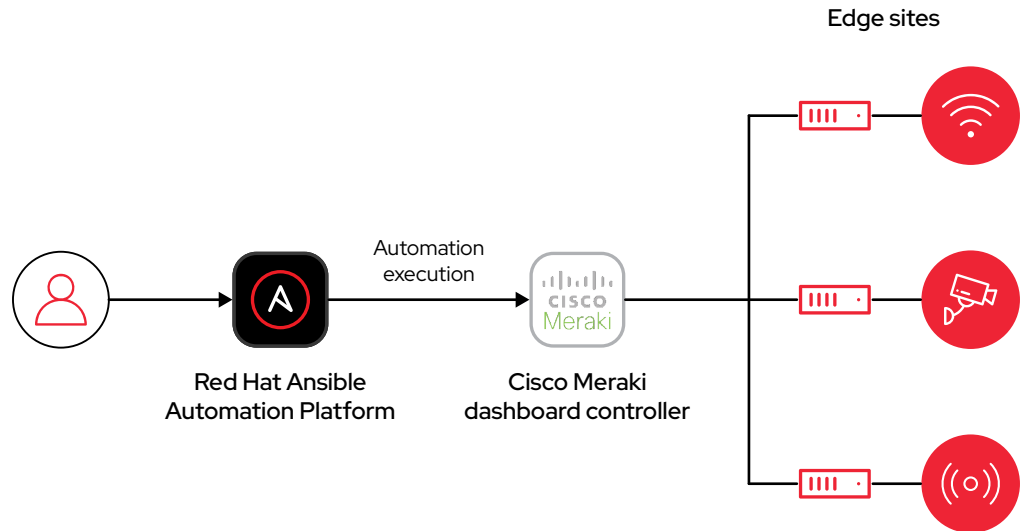


Figure 1. Increase operational efficiency with simplified, automated deployments.

mation frameworks and standards to Cisco Meraki devices to meet the operational requirements of your edge network. And with event-driven automation capabilities, Ansible Automation Platform can help you proactively manage edge devices and optimize network performance by automatically responding to events detected by edge devices like low batteries or unexpected network traffic patterns.

### Realize the value of network automation

Automated, cloud-managed network solutions from Red Hat and Cisco help modern IT organizations achieve many operational benefits.

- ▶ **Increase agility.** Advanced automation technologies help you efficiently provision, configure, and scale edge devices and rapidly respond to changing network conditions, business requirements, and market demands.
- ▶ **Gain consistency.** Red Hat Ansible Certified Content for Cisco Meraki increases network consistency, reduces configuration drift, and minimizes the risk of misconfigurations across your Cisco Meraki devices.
- ▶ **Improve visibility and control.** Ansible Automation Platform and Cisco Meraki provide real-time visibility into network infrastructure, allowing you to efficiently monitor device status, troubleshoot issues, and enforce policy compliance.
- ▶ **Boost scalability.** As your network expands, Red Hat Ansible Certified Content for Cisco Meraki automates edge connectivity at scale, helping your workflows adapt to changing network requirements.



*“The creation of official Red Hat Ansible Certified Content for Cisco Meraki presents an opportunity for organizations seeking to enhance their edge network automation capabilities.”*

### Oren Brigg

Product Manager,  
Developer platform  
and ecosystem team,  
Cisco Meraki

### Streamline network operations at the edge

Ansible Automation Platform and Cisco Meraki help you deploy more agile, efficient, and security-focused edge network infrastructure.

- ▶ Learn more about Red Hat Ansible Certified Content for Cisco Meraki in this [technical video](#).
- ▶ Watch the [network automation webinar](#) on demand.
- ▶ Access Cisco Meraki automation content in [Red Hat Hybrid Cloud Console](#).
- ▶ Request a demo of Ansible Automation Platform in the [Cisco Meraki Marketplace](#).



### About Red Hat

Red Hat is the world’s leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. [A trusted adviser to the Fortune 500](#), Red Hat provides [award-winning](#) support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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