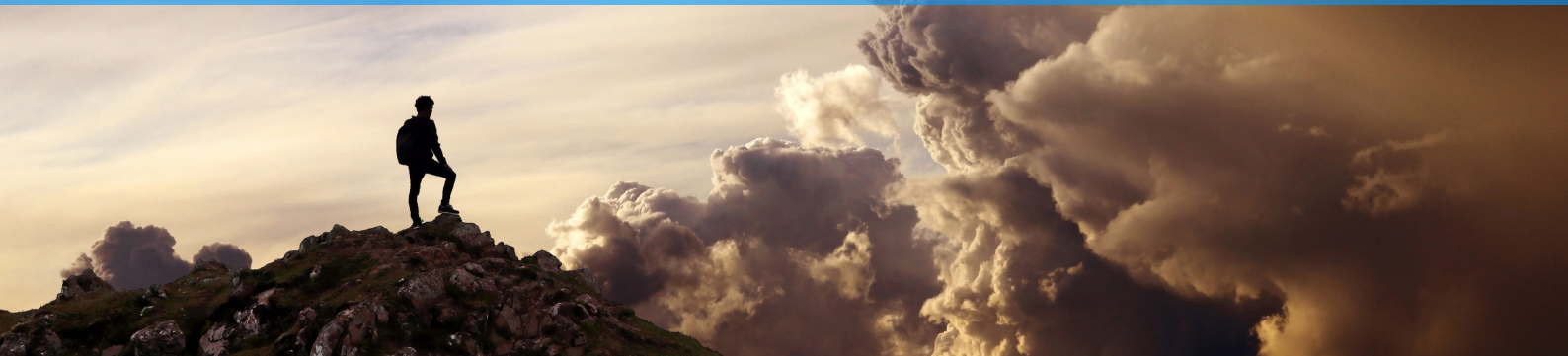


Cisco Meraki Plugin for EfficientIP Cloud Observer

Boost Discovery for Comprehensive Visibility Across Hybrid Multicloud Networks



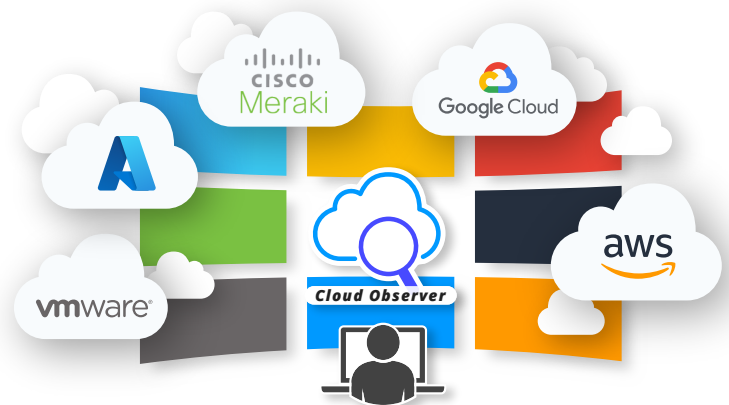
Digital transformation has led to new, fast, and ever-changing business needs and technologies. In this context, cloud-first networks have emerged, bringing significant change with dynamic scalability, increased flexibility, and easy automation. But the transition to cloud networks will not happen overnight, and the reality for most network teams is to handle hybrid cloud or multicloud networks.

Managing these diverse environments is no easy task. The underlying complexity can be overwhelming for IT teams. First, visibility gaps compound the difficulty, as traditional monitoring tools struggle to provide deep insights across cloud and on-premises setups, leading to inefficient resource usage, shadow IT, and creating blind spots that can be exploited by sophisticated cyber threats. In addition, disparate and decentralized data can lead to convoluted automation flows, increasing the risk of repetitive manual processing, configuration errors, and operational inefficiencies. Security risks are increased and exacerbated by the difficulty of maintaining and managing consistent security policies across different environments. Finally, maintaining regulatory compliance across these multifaceted networks adds another layer of difficulty, making effective network management a constant challenge.

In this new paradigm, Cisco Meraki cloud networking and EfficientIP DNS, DHCP, and IP address management (DDI) platforms play a key role. By integrating them, networking teams can address the above issues, build a solid foundation for a holistic view across disparate infrastructures, and gain efficiency and agility in network management.

Unlocking Holistic Network Object Visibility

EfficientIP's Cloud Observer gives network teams a unified view of what's running in their clouds. It automatically and continuously discovers, tracks, and consolidates cloud-provisioned resources, including network properties, across your public and private cloud environments such as Amazon AWS, Google GCP, Microsoft Azure, VMware vCenter, and now Cisco Meraki.



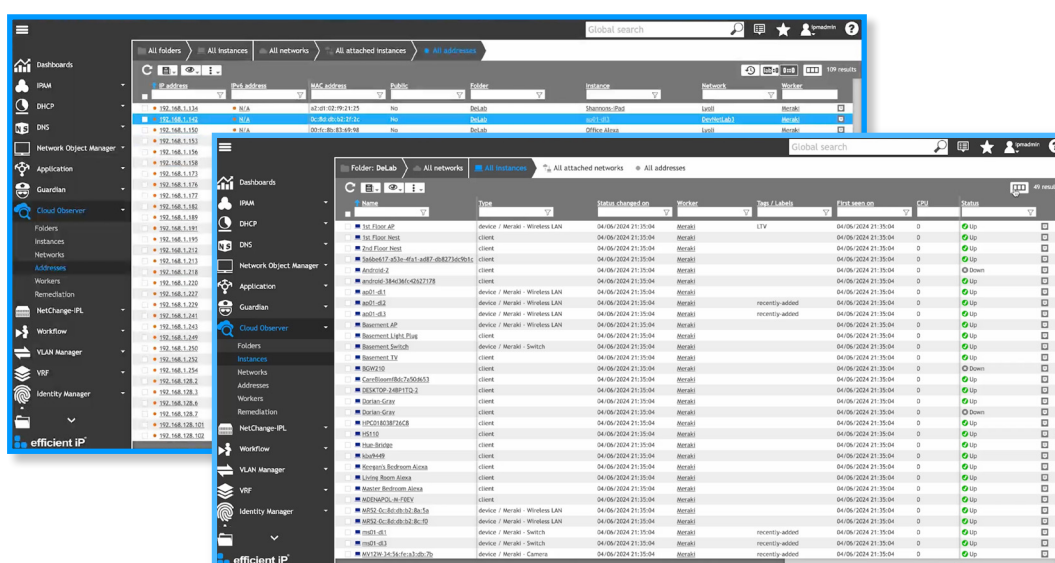
The Cloud Observer Cisco Meraki Plugin further elevates network visibility by providing automated discovery of Meraki products such as wireless, switches, secure SD-WAN appliances, mobile devices, or IoT deployed and managed by Cisco Meraki for hybrid multicloud infrastructures.

Aggregating information from multiple cloud providers, including Cisco Meraki, brings an efficient way to view, organize, and harmonize your data, and make it available at your fingertips.

Integration Use Cases

After creating a Meraki Worker in Cloud Observer, networking teams can discover, track, and manage information about networks and products in Cisco Meraki environments, including wireless access points, switches, security appliances, or mobile devices. Example use cases include:

- **Get a comprehensive resource view from a single pane of glass:** From the SOLIDserver™ DDI management interface, NetOps and NetDevOps can access detailed data on instances, networks, IP addresses, and related metadata, including, but not limited to, name, device type, status, first/last seen, port, user, name, VLAN, MAC address, CPU, RAM, vendor, or tags.



- **Enable an effective Network Source of Truth (NSoT):** Comparing discovered Meraki data with IPAM data enables inconsistencies to be immediately listed and single or multiple remediation options offered, such as adding IP addresses or editing MAC addresses. This helps to reconcile IPAM data, improve its quality, and facilitate network validation. It makes IPAM an effective Network Source of Truth (NSoT) that is always accurate and up-to-date, providing a solid foundation for [scaling network automation initiatives](#) such as firewall policy and rule automation or resource lifecycle management.
- **Leverage harmonized data for continuous monitoring:** Network teams can sort, filter, and report on data and metadata as needed. They can also set alerts and create dashboard widgets on status, availability, or usage to quickly identify inconsistencies, health issues, or anomalies to help NetOps or SOCs troubleshoot and enrich SIEM and SOAR.
- **Manage resources more effectively:** Optimize network asset utilization, detect unused or untagged assets, track changes, and improve capacity planning.
- **Streamline compliance assurance:** Continuously monitor Cisco Meraki environments for compliance with regulatory standards and internal policies; identify inconsistent data for remediation; and provide audit trails, compliance reports, and proactive alerts.

Realizing Tangible Benefits

As a result of the integration of EfficientIP Cloud Observer with Cisco Meraki, networking teams can experience the following benefits:



Holistic visibility: network teams gain unified, comprehensive visibility of all Meraki objects with real-time harmonized insights across hybrid multi-cloud infrastructures, allowing for effective NSoT, informed decision-making, and proactive management of network resources.



Better resource management and cost control: with detailed information on IP addresses and Meraki objects, as well as automated data inconsistency listing, network teams can easily identify unused or unknown network resources for improved capacity planning, better resource management and effective cost control.



Improved risk management and compliance: with continuous monitoring and built-in data inconsistency checks, network teams can easily identify and take action on suspicious activity, problems, or non-compliance with corporate policies.



Increased operational efficiency: built-in automated data inconsistency detection and remediation simplifies anomaly identification and speeds troubleshooting and resolution. With detailed, reconciled Meraki device data populated in IPAM, network teams can streamline network operations from provisioning to decommissioning, using IPAM as an effective NSoT to implement end-to-end automation, saving both time and resources.

By continuously discovering and consolidating Meraki's rich device data into EfficientIP's IPAM, organizations can overcome the complexity of hybrid multicloud environments, streamline network operations, reduce security risks, and simplify compliance to meet new business demands.



REV: C-240522

As one of the world's fastest growing DDI vendors, EfficientIP helps organizations drive business efficiency through agile, secure and reliable network infrastructures. Our unified management framework for DNS-DHCP-IPAM (DDI) and network configurations ensures end-to-end visibility, consistency control and advanced automation. Additionally, our unique 360° DNS security solution protects data confidentiality and application access from anywhere at any time. Companies rely on us to help control the risks and reduce the complexity of challenges they face with modern key IT initiatives such as cloud applications, virtualization, and mobility. Institutions across a variety of industries and government sectors worldwide rely on our offerings to assure business continuity, reduce operating costs and increase the management efficiency of their network and security teams.

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