

## Safeguard your Cisco Meraki network's resilience and reliability

Boundless Safeguard protects your network from any type of misconfiguration, including those caused by human errors, cyber attacks, hardware failures, and other threats, through advanced backup and recovery features.

### Why is it critical to backup and recover network configurations?

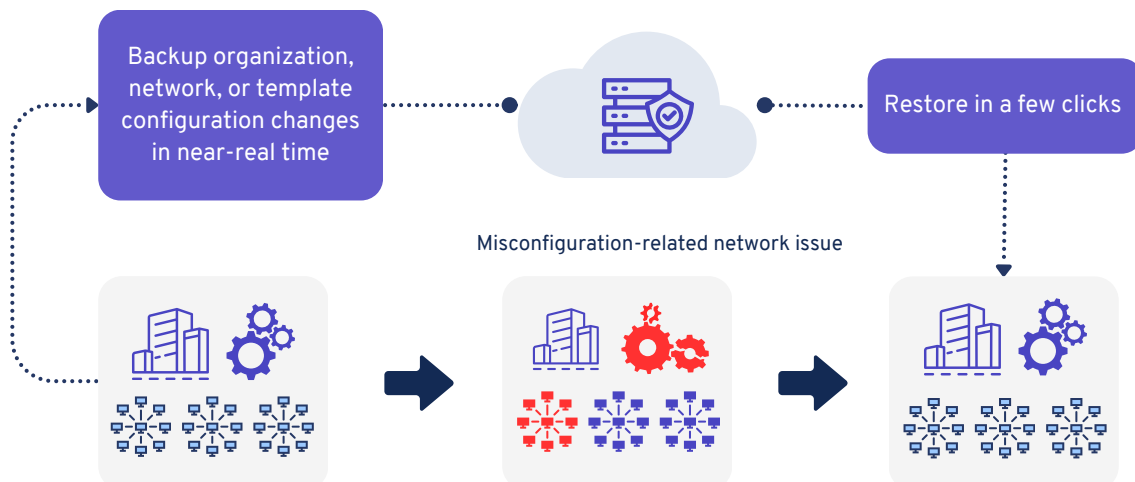
Network misconfigurations, whether accidental or intentional, can result in business-impacting downtime and other serious consequences. These include:

- Operational disruptions
- Corrupted transactions
- Revenue loss
- Employee stress and burnout
- Increased cyber threat exposure
- Supply chain disruptions
- SLA violations
- Customer dissatisfaction
- Reputational damage
- Compliance violations
- Opportunity loss
- Productivity loss
- Additional costs (e.g. for repairs, overtime pay, etc)

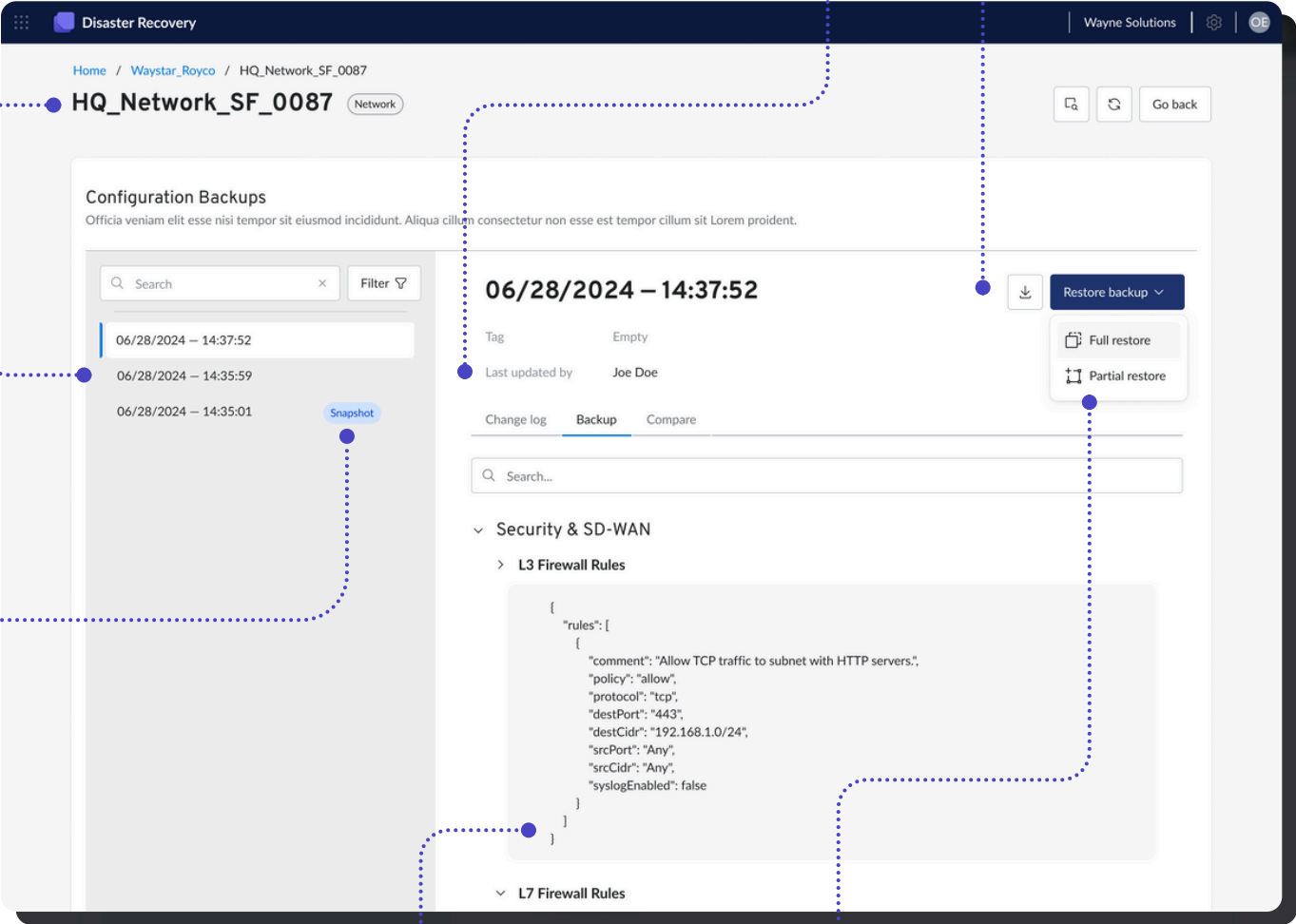
To avoid or minimize these risks, your network administrators must have the ability to backup good configurations and to quickly restore them in the event of any misconfiguration incidents.

### Meet Boundless Safeguard

Powered by the Meraki API, Boundless Safeguard provides an advanced solution for backing up and restoring Cisco Meraki network configurations.



## Key Features and Capabilities



**Saves organization, network, and template configurations exposed by Meraki API endpoints**

**Backs up configuration changes in near-real time**

**Monitor who made each configuration change**

**Download backup in CSV**

**Allows recovery from a specific snapshot**

**Visualize the content of each backup**

**Allows full restores or partial restores using parameters you select, in just a few clicks**

### Additional features

- Restores immediately or on a predefined schedule
- Restores deleted networks and templates
- Displays completed, pending, and ongoing backup and recovery activities
- Displays change logs as well as configuration settings at a particular time stamp
- Compares parameters of two different configuration snapshots

## Sample use cases



### Misconfiguration recovery

Quickly recover from accidental misconfigurations that disrupt network operations by reverting to a previous configuration state, thereby minimizing downtime.



### Security breach mitigation

Prevent further damage and maintain business continuity during a network-impacting cyber incident by rapidly restoring configurations to a known good state.



### Regulatory compliance

Ensure regulatory compliance by backing up configurations that align with compliance mandates like the Payment Card Industry Data Security Standard (PCI DSS), and retrieving them in preparation for an impending audit.



### Network reliability preservation

Maintain network reliability and security by saving trusted configurations and reverting to them in the event of configuration-related network issues.

## Benefits

### For organizations

- Reduces unnecessary administrative, operational, and remedial costs
- Mitigates business risks caused by configuration-related downtime
- Streamlines corporate security policy, regulatory, and SLA compliance endeavors
- Boosts employee, customer, and trading partner satisfaction and confidence
- Minimizes network-related issues due to misconfigurations

### For network admins, IT managers and network engineers

- Simplifies configuration backup and recovery efforts
- Speeds up resolution time for configuration-related network issues
- Frees up time for more strategic endeavors
- Boosts efficiency and productivity
- Offers peace of mind

## Essentials Covered



### What type of organization can benefit from Boundless Safeguard?

Any company that manages a Cisco Meraki network can benefit immensely from this tool. Boundless Safeguard can help you maintain high levels of business continuity and disaster preparedness with ease.



### How does Boundless Safeguard work?

Just like other Boundless solutions, Safeguard leverages the Meraki API to enhance Cisco-powered enterprise networks. Once you connect your organization(s), Safeguard instantly enables you to backup configurations for those organizations as well as for associated templates and networks, through a web-based graphical interface. It then allows you to restore stored configurations with just a few clicks.



### Is Boundless Safeguard compatible with any network?

Safeguard is currently compatible with Cisco Meraki networks. More specifically, it saves and restores organization, network, and template configurations for which a Meraki API endpoint is available.



### How long do backups take?

Backups can take a few hours to a couple of days. The total duration depends on the size of your network and the number of network resources you're backing up. Since network configuration backups require significant API usage, they may disrupt other API requests. If a backup causes disruptions, you can pause it and resume at a later time when the volume of API requests has gone down.



### How long is data stored?

Boundless Safeguard retains data for 365 days, ensuring that even long-term configuration changes can be restored if needed.



### How frequently are configurations backed up?

The solution checks the Meraki change log for configuration changes every 1-5 minutes. If a change is detected, it is captured in a snapshot and recorded in near-real time.

