

The background features a vibrant, multi-colored abstract design. On the left, there are overlapping, wavy, organic shapes in shades of red, orange, and yellow. On the right, a bright white light source emits a series of sharp, radiating lines in various colors, including blue, green, and yellow, creating a sunburst or starburst effect. The overall color palette is a spectrum of rainbow colors.

cisco *Live!*

Let's go

#CiscoLive



The bridge to possible

# Integrating Meraki with Network Management Tools

BRKMER-2006

Nick Burr, Technical Solutions Architect

BRKMER-2006



#CiscoLive



# Cisco Webex App

## Questions?

Use Cisco Webex App to chat with the speaker after the session

## How

- 1 Find this session in the Cisco Live Mobile App
- 2 Click “Join the Discussion”
- 3 Install the Webex App or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until June 9, 2023.



<https://ciscolive.ciscoevents.com/ciscolivebot/#BRKMER-2006>

# Agenda

- Introduction
- Meraki Platform Adoption
- Integration Capabilities
- Meraki Marketplace
- Q&A

# Meraki Adoption



# Why Do Customers Chose Meraki?

# Why Do Customers Chose Meraki?

- Ease of Use
- Simplicity
- Fast Deployment
- Cloud dashboard
- Embedded Visibility & Alerting
- Automation
- Operational Efficiency

# What Kind of Companies Use Meraki?



# What Kind of Companies Use Meraki?

75% of the  
Fortune 500



# Current Scale and Fast Facts

- Over 13.2M Meraki devices checking in to dashboard each day
- Over 8.98B API calls per month
- Over 4.3M active networks worldwide
- Over 346M+ connected devices on Meraki networks







# Current Scale and Fast Facts

- Over 13.2M Meraki devices checking in to dashboard each day
- Over 8.98B API calls per month
- Over 4.3M active networks worldwide
- Over 346M+ connected devices on Meraki networks

## How many use dashboard alone for management?

# Integration Points

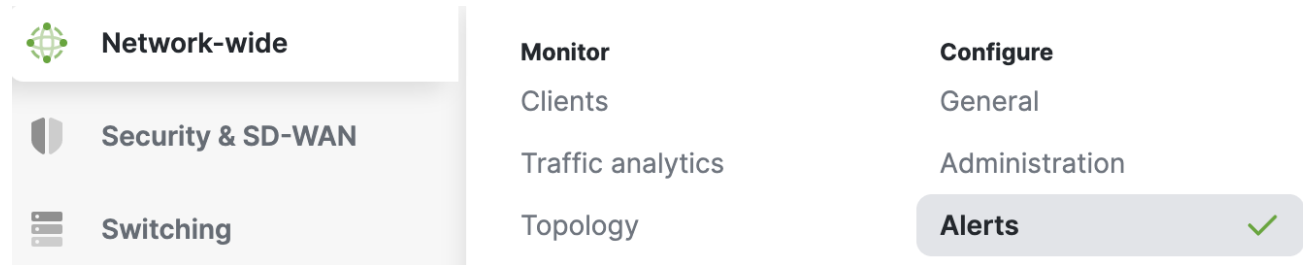
# Network Management Interfaces

Email	Syslog	SNMP	SNMP Traps	Dashboard API	Webhooks
					



Sourced from the Cloud  
Sourced from Meraki Device

# Email



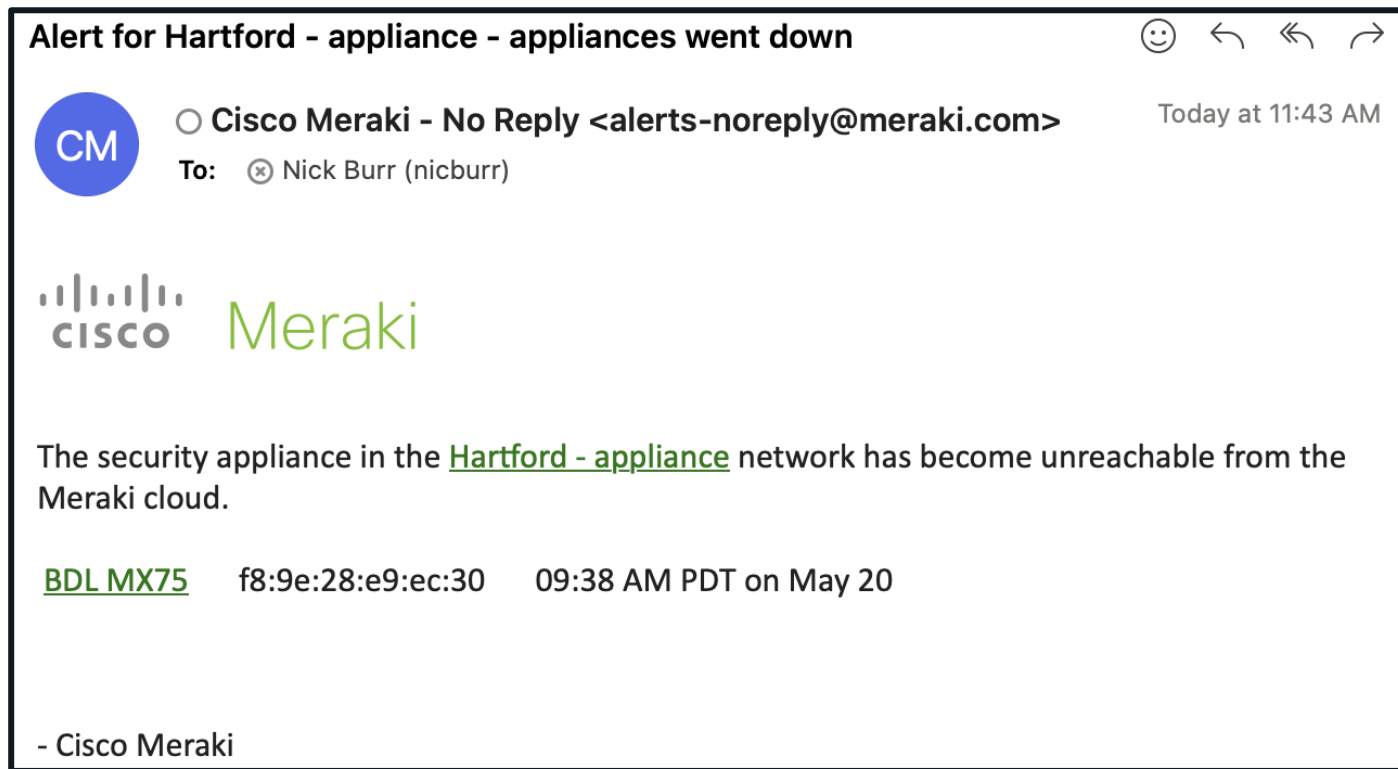
## Use Case & Considerations:

- Simplest way for customers to get up/down and other notifications.
- Alerts go to network admins (not org admins or SAML admins)
- Certain alerts are rate limited

## Types of notifications:

- Device Up/Down
- Configuration change
- Product-specific alerts (ie. cellular down, rogue AP detected, switch cable error, camera motion)

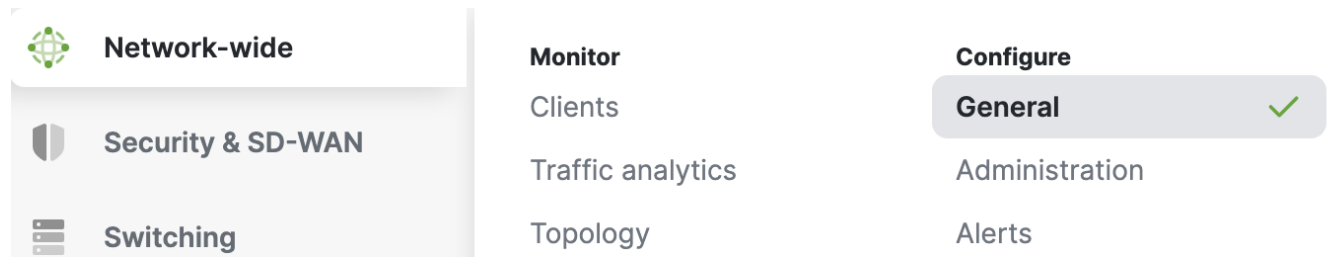
# Email - Sample Output



# Demo: Email Alerts



# Syslog



## Use Case & Considerations:

- Sourced from the device—stays local to customer network

- Good for device-level, event-driven alerts (ie. something changed)

- Sent unencrypted, VPN tunnel may be required

## Types of notifications:

- MX: IDS/IPS events, AutoVPN up/down, URLs, Flows, DHCP lease

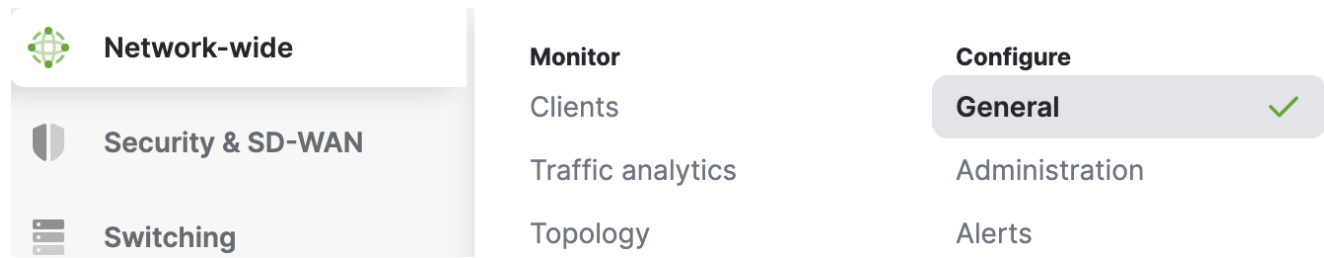
- MS: port status change, STP change, 802.1x auths, power supply change

- MR: Associations/Disassociations, 802.1x auths, URLs, Flows

- MV, MT: Do not syslog

# Syslog Samples

# SNMP (Device)



## Use Case & Considerations:

- Widely used standards-driven network management protocol

- Some NMS tools need extra tweaking for Meraki devices

- No CPU or memory information available

- Support for SNMPv2-MIB and IF-MIB (majority of OIDs, read only)

## Types of information available:

- Interface statistics (64 byte)

- Interface up/down status

- Device make/model/name

- Interface name

# Demo: SNMP Walk of MX

Last login: Tue Mar 21 18:06:03 on ttys002  
nicholas.burr@MacBook-Pro ~ % █

I

Last login: Tue Mar 21 18:06:03 on ttys002

nicholas.burr@MacBook-Pro ~ % snmpwalk -c community 192.168.128.1

Model

Device name in dashboard

```
Last login: Tue Mar 21 18:06:03 on ttys002
nicholas.burr@MacBook-Pro ~ % snmpwalk -c community 192.168.128.1
SNMPv2-MIB::sysDescr.0 = STRING: Meraki MX85
SNMPv2-MIB::sysObjectID.0 = OID: SNMPv2-SMI::enterprises.29671.2.125
SNMPv2-MIB::sysName.0 = STRING: Burr - MX85
SNMPv2-MIB::sysORID.1 = OID: SNMPv2-MIB::snmpMIB
SNMPv2-MIB::sysORID.2 = OID: SNMP-VIEW-BASED-ACM-MIB::vacmBasicGroup
SNMPv2-MIB::sysORID.3 = OID: IF-MIB::ifMIB
SNMPv2-MIB::sysORDescr.1 = STRING: The MIB module for SNMPv2 entities
SNMPv2-MIB::sysORDescr.2 = STRING: View-based Access Control Model for SNMP.
SNMPv2-MIB::sysORDescr.3 = STRING: The MIB module to describe generic objects for network interface sub-layer
s
SNMPv2-MIB::sysORUpTime.1 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.2 = Timeticks: (0) 0:00:00.00
SNMPv2-MIB::sysORUpTime.3 = Timeticks: (1) 0:00:00.01
IF-MIB::ifNumber.0 = INTEGER: 14
```

```
IF-MIB::ifIndex.6 = INTEGER: 6
IF-MIB::ifIndex.7 = INTEGER: 7
IF-MIB::ifIndex.8 = INTEGER: 8
IF-MIB::ifIndex.9 = INTEGER: 9
IF-MIB::ifIndex.10 = INTEGER: 10
IF-MIB::ifIndex.11 = INTEGER: 11
IF-MIB::ifIndex.12 = INTEGER: 12
IF-MIB::ifIndex.13 = INTEGER: 13
IF-MIB::ifIndex.14 = INTEGER: 14
IF-MIB::ifDescr.1 = STRING: port1
IF-MIB::ifDescr.2 = STRING: port2
IF-MIB::ifDescr.3 = STRING: port3
IF-MIB::ifDescr.4 = STRING: port4
IF-MIB::ifDescr.5 = STRING: port5
IF-MIB::ifDescr.6 = STRING: port6
IF-MIB::ifDescr.7 = STRING: port7
IF-MIB::ifDescr.8 = STRING: port8
IF-MIB::ifDescr.9 = STRING: port9
IF-MIB::ifDescr.10 = STRING: port10
IF-MIB::ifDescr.11 = STRING: port11
IF-MIB::ifDescr.12 = STRING: port12
IF-MIB::ifDescr.13 = STRING: port13
IF-MIB::ifDescr.14 = STRING: port14
```



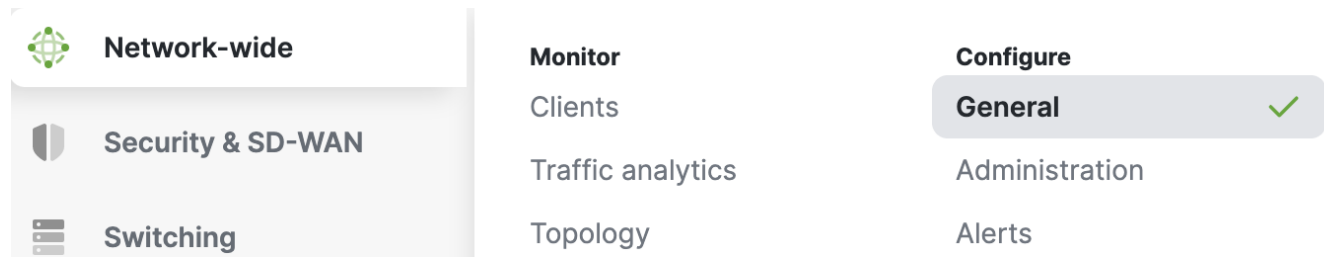
```
IF-MIB::ifMtu.2 = INTEGER: 0
IF-MIB::ifMtu.3 = INTEGER: 1500
IF-MIB::ifMtu.4 = INTEGER: 1500
IF-MIB::ifMtu.5 = INTEGER: 1500
IF-MIB::ifMtu.6 = INTEGER: 1500
IF-MIB::ifMtu.7 = INTEGER: 1500
IF-MIB::ifMtu.8 = INTEGER: 1500
IF-MIB::ifMtu.9 = INTEGER: 1500
IF-MIB::ifMtu.10 = INTEGER: 1500
IF-MIB::ifMtu.11 = INTEGER: 1500
IF-MIB::ifMtu.12 = INTEGER: 1500
IF-MIB::ifMtu.13 = INTEGER: 1500
IF-MIB::ifMtu.14 = INTEGER: 1500
IF-MIB::ifSpeed.1 = Gauge32: 0
IF-MIB::ifSpeed.2 = Gauge32: 0
IF-MIB::ifSpeed.3 = Gauge32: 1000000000
IF-MIB::ifSpeed.4 = Gauge32: 1000000000
IF-MIB::ifSpeed.5 = Gauge32: 10000000
IF-MIB::ifSpeed.6 = Gauge32: 10000000
IF-MIB::ifSpeed.7 = Gauge32: 1000000000
IF-MIB::ifSpeed.8 = Gauge32: 10000000
IF-MIB::ifSpeed.9 = Gauge32: 10000000
IF-MIB::ifSpeed.10 = Gauge32: 10000000
```

```
IF-MIB::ifPhysAddress.14 = STRING: f8:9e:28:76:9:e2
IF-MIB::ifAdminStatus.1 = INTEGER: down(2)
IF-MIB::ifAdminStatus.2 = INTEGER: down(2)
IF-MIB::ifAdminStatus.3 = INTEGER: up(1)
IF-MIB::ifAdminStatus.4 = INTEGER: up(1)
IF-MIB::ifAdminStatus.5 = INTEGER: up(1)
IF-MIB::ifAdminStatus.6 = INTEGER: up(1)
IF-MIB::ifAdminStatus.7 = INTEGER: up(1)
IF-MIB::ifAdminStatus.8 = INTEGER: up(1)
IF-MIB::ifAdminStatus.9 = INTEGER: up(1)
IF-MIB::ifAdminStatus.10 = INTEGER: up(1)
IF-MIB::ifAdminStatus.11 = INTEGER: up(1)
IF-MIB::ifAdminStatus.12 = INTEGER: up(1)
IF-MIB::ifAdminStatus.13 = INTEGER: up(1)
IF-MIB::ifAdminStatus.14 = INTEGER: up(1)
IF-MIB::ifOperStatus.1 = INTEGER: down(2)
IF-MIB::ifOperStatus.2 = INTEGER: down(2)
IF-MIB::ifOperStatus.3 = INTEGER: up(1)
IF-MIB::ifOperStatus.4 = INTEGER: up(1)
IF-MIB::ifOperStatus.5 = INTEGER: down(2)
IF-MIB::ifOperStatus.6 = INTEGER: down(2)
IF-MIB::ifOperStatus.7 = INTEGER: up(1)
IF-MIB::ifOperStatus.8 = INTEGER: down(2)
```

# Demo: SNMP Walk of MS

Last login: Tue Mar 21 18:08:26 on ttys003  
nicholas.burr@MacBook-Pro ~ %

# SNMP (Cloud)



## Use Case & Considerations:

- Use standard SNMP to get information dashboard knows about
- Meraki cloud proprietary Meraki-Cloud-Controller-MIB (read only)
- MIB details can be downloaded from dashboard (organization→settings)

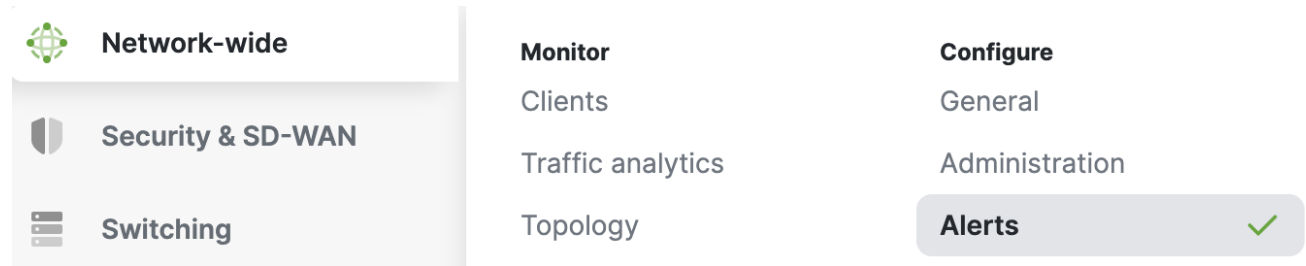
## Types of information available:

- Device inventory
- Device up/down status
- SSID Information
- Interface counters (32 byte)

# Demo: SNMP Walk of Cloud

```
Last login: Tue Mar 21 18:10:33 on ttys004
nicholas.burr@MacBook-Pro ~ % snmpwalk -v2c -t 10 -c o/pBmTcd -Ob -M +. -m +MERAKI-CLOUD-CONTROLLER-MIB snmp.
meraki.com:16100 .1
No log handling enabled - using stderr logging
./Google Drive: Operation not permitted
SNMPv2-MIB::sysDescr.0 = STRING: Cisco Meraki Cloud Controller
SNMPv2-MIB::sysObjectID.0 = OID: MERAKI-CLOUD-CONTROLLER-MIB::cloudController
DISMAN-EVENT-MIB::sysUpTimeInstance = Timeticks: (696967000) 80 days, 16:01:10.00
SNMPv2-MIB::sysContact.0 = STRING: support@meraki.com
SNMPv2-MIB::sysName.0 = STRING: dashboard.meraki.com
SNMPv2-MIB::sysLocation.0 = STRING: 500 Terry A Francois Blvd, San Francisco, CA 94158, USA
MERAKI-CLOUD-CONTROLLER-MIB::organizationName.0 = STRING: Nicholas Burr
MERAKI-CLOUD-CONTROLLER-MIB::networkId.45.117.50.103.102.97.73.98 = STRING: "-u2gfaIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.51.102.121.57.79.100.73.98 = STRING: "3fy90dIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.53.99.50.105.101.100.73.98 = STRING: "5c2iedIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.54.71.89.72.111.100.73.98 = STRING: "6GYHodIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.55.109.53.84.51.97.73.98 = STRING: "7m5T3aIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.56.66.100.104.80.99.73.98 = STRING: "8BdhPcIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.56.112.95.95.52.97.73.98 = STRING: "8p__4aIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.57.117.99.98.82.99.73.98 = STRING: "9ucbRcIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.75.114.97.79.122.99.73.98 = STRING: "KraOzcIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.78.103.106.50.85.98.73.98 = STRING: "Ngj2UbIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.79.81.97.117.55.100.73.98 = STRING: "0Qau7dIb"
MERAKI-CLOUD-CONTROLLER-MIB::networkId.86.95.121.67.110.100.73.98 = STRING: "V_yCndIb"
```

# SNMP Traps



## Use Case & Considerations:

- Customer doesn't want email, but needs alerts and prefers SNMP

- Customer wants communications from the cloud encrypted (SNMPv3)

- Customer doesn't have email feed to NMS, but can accept SNMP Traps

- Trap server must be able to receive traffic from the Meraki cloud

## Types of notifications:

- These mirror email alert settings, but can contain more information



# SNMP Traps – Sample Output

SNMPv2-MIB::snmpTrapOID.0 = SNMPv2-SMI::enterprises.29671.1.1.7.20
SNMP-COMMUNITY-MIB::snmpTrapAddress.0 = 108.161.147.152
SNMPv2-SMI::enterprises.29671.1.1.1.0 = Cisco ← Org Name
SNMPv2-SMI::enterprises.29671.1.1.2.1.2 = Branch Wireless Template ← Network/Template Name
SNMPv2-SMI::enterprises.29671.1.1.2.1.3 = usb@nickburr.com ← Admin
SNMPv2-SMI::enterprises.29671.3.1 = {"ssid[association_control_method]":{"label":"Association requirements","new":"Pre-shared key","old":"Open","changed_by":"Nicholas Burr (usb@nickburr.com)","ssid_id":2}} ← Change

SNMPv2-MIB::snmpTrapOID.0 = SNMPv2-SMI::enterprises.29671.1.1.7.20
SNMP-COMMUNITY-MIB::snmpTrapAddress.0 = 108.161.147.152
SNMPv2-SMI::enterprises.29671.1.1.1.0 = Cisco
SNMPv2-SMI::enterprises.29671.1.1.2.1.2 = Branch Security Template
SNMPv2-SMI::enterprises.29671.1.1.2.1.3 = usb@nickburr.com
SNMPv2-SMI::enterprises.29671.3.1 = {"update_admins_testuser@nickburr.com":{"label":"Removed testuser [testuser@nickburr.com]","old":["\Organization: full privileges\""],"new":[""],"changed_by":"Nicholas Burr (usb@nickburr.com)","ssid_id":2}}

# Dashboard API

## Use Case & Considerations:

- Modern, REST based API

- Use for provisioning, monitoring, live tools

- Strategic going forward

## Types of information available:

- Client traffic monitoring/Traffic analytics

- License & device status status

- Firmware management

- Network configurations (firewall rules, SSID configs, VLAN info, etc)

Get help

Community

Cases

New features

Firewall info

**API docs**

Hardware  
replacements

# Dashboard API – Sample Output

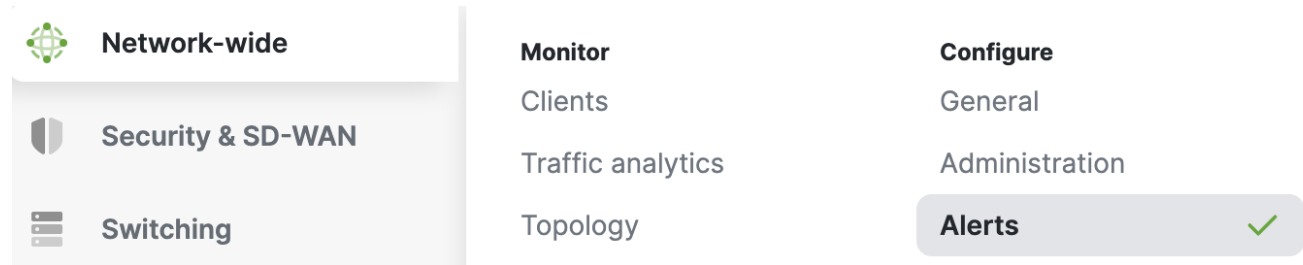
## Device Uplink Status Endpoint:

`https://api.meraki.com/api/v1/organizations/<org ID>/devices/statuses`

```
{
  name: "BDL MX75",
  serial: "Q3FA-ZLXJ-NTUQ",
  mac: "f8:9e:28:e9:ec:30",
  publicIp: "76.113.171.218",
  networkId: "L_3708714293139604051",
  status: "online",
  lastReportedAt: "2023-05-20T20:33:43.583000Z",
  productType: "appliance",
  components: { ... },
  model: "MX75",
  tags: [ ],
  usingCellularFailover: false,
  wan1Ip: "10.10.50.8",
  wan1Gateway: "10.10.50.1",
  wan1IpType: "dhcp",
  wan1PrimaryDns: "10.10.50.1",
  wan1SecondaryDns: null,
  wan2Ip: null,
  configurationUpdatedAt: "2023-05-20T16:28:22Z"
}
```

# Demo: Dashboard API

# Webhooks



## Use Case & Considerations:

- Customer doesn't want email, but needs alerts and prefers webhooks
- Customer wants communications from the cloud encrypted (HTTPS)
- Customer doesn't have email feed to NMS, but can accept HTTPS Posts
- Web server/webhooks receiver must be able to receive from Meraki cloud
- Strategic moving forward

## Types of notifications:

- These mirror email alert settings, but can contain more information

# Webhooks– Sample Output

```
"version": "0.1",
"sharedSecret": "",
"sentAt": "2023-05-29T20:36:30.758890Z",
"organizationId": "3708714293139603550",
"organizationName": "Cisco Live US 2023 NB",
"organizationUrl": "https://n588.meraki.com/o/6Ij1Abuxb/manage/organization/overview",
"networkId": "L_3708714293139604051",
"networkName": "Hartford",
"networkUrl": "https://n588.meraki.com/Hartford-wireles/n/SwWv3cuxb/manage/nodes/list",
"alertId": "3708714293139896154",
"alertType": "Settings changed",
"alertTypeId": "settings_changed",
"alertLevel": "informational",
"occurredAt": "2023-05-29T20:26:28.936280Z",
"alertData": {
  "name": "Overview",
  "url": "/manage/configure",
  "changes": {
    "ssid0Enabled": {
      "label": "Hartford - wireless WiFi enabled",
      "oldText": "enabled",
      "newText": "disabled",
      "changedBy": "Nick Burr (ciscolive@nickburr.com)",
      "ssidId": null
    }
  }
}
```

# Webhooks– Sample Output

## Meraki Default Format

### Header

### Payload

```
{
  "version": "0.1",
  "sharedSecret": "Meraki123",
  "sentAt": "2020-12-14T20:23:34.250243Z",
  "organizationId": "330052",
  "organizationName": "Nicholas Burr",
  "organizationUrl": "https://n98.meraki.com/o/pBmTcd/",
  "networkId": "L_618119048856613411",
  "networkName": "3701 Mt Vernon Ln",
  "networkUrl": "https://n98.meraki.com/sds/n/wb/manage/",
  "deviceSerial": "Q2PV-5H5K-7BAP",
  "deviceMac": "98:18:88:00:ed:79",
  "deviceName": "MV32",
  "deviceUrl": "https://n98.meraki.com/sds/manage/nodes/",
  "deviceTags": ["recently-added"],
  "deviceModel": "MV32",
  "alertId": "",
  "alertType": "Power supply went down",
  "alertTypeId": "power_supply_down",
  "alertLevel": "critical",
  "occurredAt": "2020-12-14T20:23:33.870809Z",
  "alertData": {
  }
}
```

## What Receiver Requires

### Header

### AUTHORIZATION:

### Payload

```
{
  "version": "0.1",
  "sentAt": "2020-12-14T20:23:34.250243Z",
  "organizationId": "330052",
  "organizationName": "Nicholas Burr",
  "organizationUrl": "https://n98.meraki.com/o/pBmTcd/",
  "networkId": "L_618119048856613411",
  "networkName": "3701 Mt Vernon Ln",
  "networkUrl": "https://n98.meraki.com/sds/n/wb/manage/",
  "deviceSerial": "Q2PV-5H5K-7BAP",
  "deviceMac": "98:18:88:00:ed:79",
  "deviceName": "MV32",
  "deviceUrl": "https://n98.meraki.com/sds/manage/nodes/",
  "deviceTags": ["recently-added"],
  "deviceModel": "MV32",
  "alertId": "",
  "alertType": "Power supply went down",
  "alertTypeId": "power_supply_down",
  "alertLevel": "critical",
  "occurredAt": "2020-12-14T20:23:33.870809Z",
  "alertData": {
  }
}
```

## Meraki Default Format

### Header

### Payload

```
{
  "version": "0.1",
  "sharedSecret": "Meraki123",
  "sentAt": "2020-12-14T20:23:34.250243Z",
  "organizationId": "330052",
  "organizationName": "Nicholas Burr",
  "organizationUrl": "https://n98.meraki.com/o/pBmTcd/",
  "networkId": "L_618119048856613411",
  "networkName": "3701 Mt Vernon Ln",
  "networkUrl": "https://n98.meraki.com/sds/n/wb/manage/",
  "deviceSerial": "Q2PV-5H5K-7BAP",
  "deviceMac": "98:18:88:00:ed:79",
  "deviceName": "MV32",
  "deviceUrl": "https://n98.meraki.com/sds/manage/nodes/",
  "deviceTags": ["recently-added"],
  "deviceModel": "MV32",
  "alertId": "",
  "alertType": "Power supply went down",
  "alertTypeId": "power_supply_down",
  "alertLevel": "critical",
  "occurredAt": "2020-12-14T20:23:33.870809Z",
  "alertData": {
  }
}
```

## What Receiver Requires

### Header

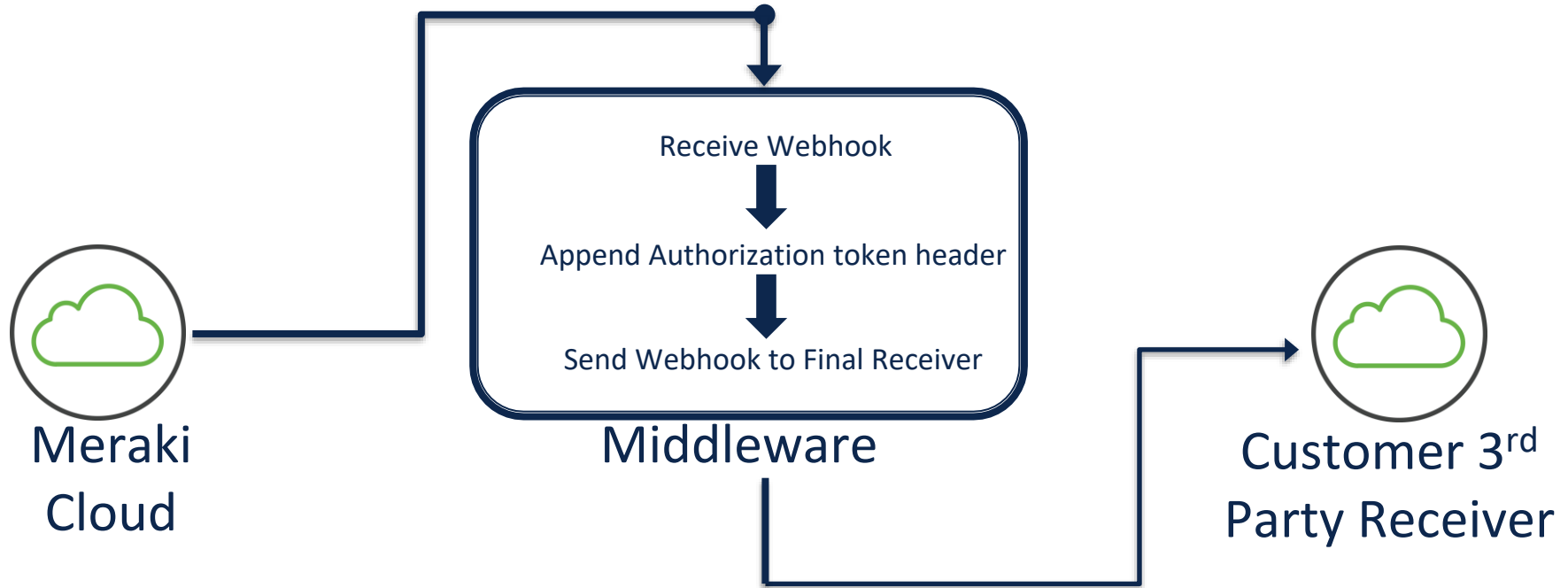
### AUTHORIZATION:

### Payload

```
{
  "version": "0.1",
  "sentAt": "2020-12-14T20:23:34.250243Z",
  "organizationId": "330052",
  "organizationName": "Nicholas Burr",
  "organizationUrl": "https://n98.meraki.com/o/pBmTcd/",
  "networkId": "L_618119048856613411",
  "networkName": "3701 Mt Vernon Ln",
  "networkUrl": "https://n98.meraki.com/sds/n/wb/manage/",
  "deviceSerial": "Q2PV-5H5K-7BAP",
  "deviceMac": "98:18:88:00:ed:79",
  "deviceName": "MV32",
  "deviceUrl": "https://n98.meraki.com/sds/manage/nodes/",
  "deviceTags": ["recently-added"],
  "deviceModel": "MV32",
  "alertId": "",
  "alertType": "Power supply went down",
  "alertTypeId": "power_supply_down",
  "alertLevel": "critical",
  "occurredAt": "2020-12-14T20:23:33.870809Z",
  "alertData": {
  }
}
```



# Wrapping a Webhook



# Meraki Webhooks: Now fully customizable!

- Built in templates for Webex, ServiceNow, Slack, and Others
- Use the webhook template editor to customize format
- Liquid template language & built in filters
- Match any receiver's required format

# Demo: Webhooks

# Wrapping Up

# Meraki Marketplace



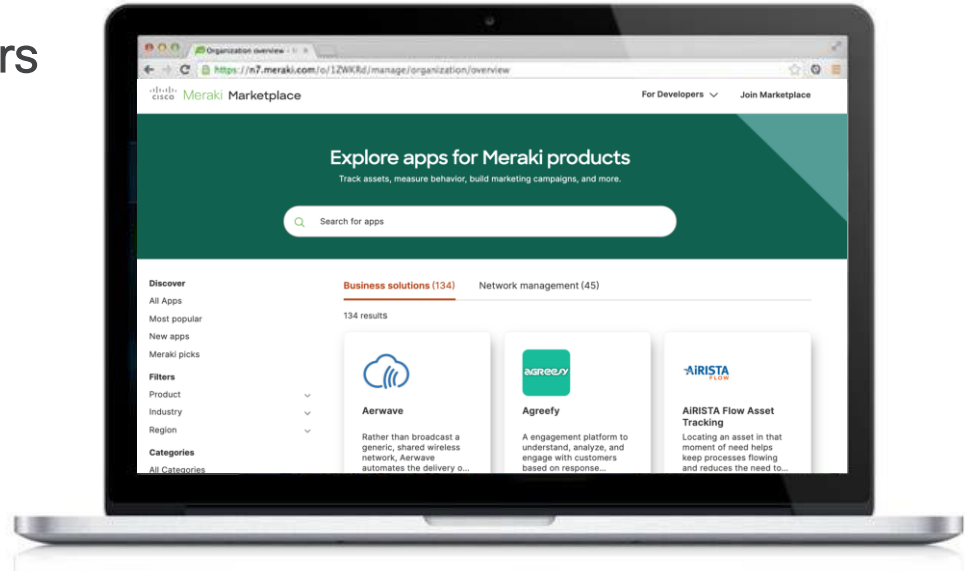
## Find Supported Ecosystem Partners

✓ **185+** Applications

✓ **48** Solution Categories

✓ **500+** Use Cases

<https://apps.meraki.io>



More Apps



More Categories

# Final Thoughts

- Network management isn't one size fits all
- Do the homework to understand capabilities
- Decide what's best for your environment
- Modernize where possible
- Have some fun along the way!

# Resources

- Documentation: [Alerts](#), [SNMP](#), [Syslog](#), [API](#), [Webhooks](#), [Netflow](#)
- Meraki Developer Hub- <http://meraki.io>
- Meraki Marketplace - <http://apps.meraki.io>
- Webhook Templates Learning Lab-  
<https://developer.cisco.com/learning/labs/meraki-webhook-template-editor-intro/introduction/>
- Webex Integrations -  
<https://developer.cisco.com/meraki/webhooks/#!/webex-included/webex>

# Questions



# Fill out your session surveys!



Attendees who fill out a minimum of four session surveys and the overall event survey will get **Cisco Live-branded socks** (while supplies last)!

---



Attendees will also earn 100 points in the **Cisco Live Challenge** for every survey completed.



**These points** help you get on the leaderboard and increase your chances of winning daily and grand prizes

# Continue your education



- Visit the Cisco Showcase for related demos
- Book your one-on-one Meet the Engineer meeting
- Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs
- Visit the On-Demand Library for more sessions at [www.CiscoLive.com/on-demand](https://www.CiscoLive.com/on-demand)

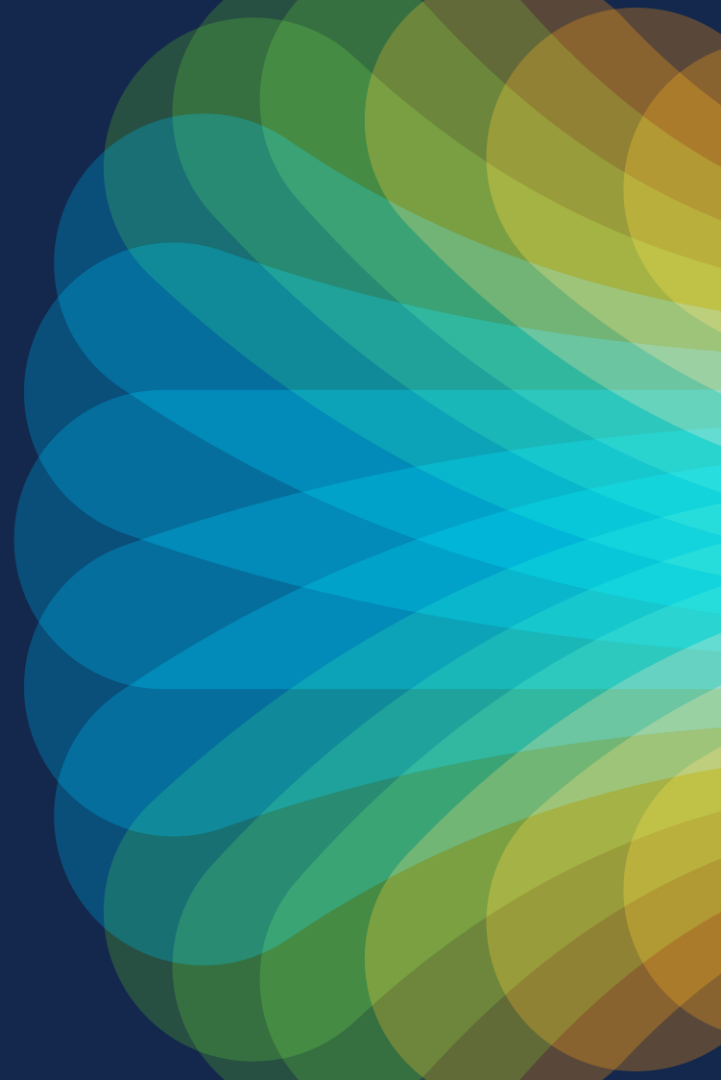


The bridge to possible

# Thank you

CISCO *Live!*

#CiscoLive

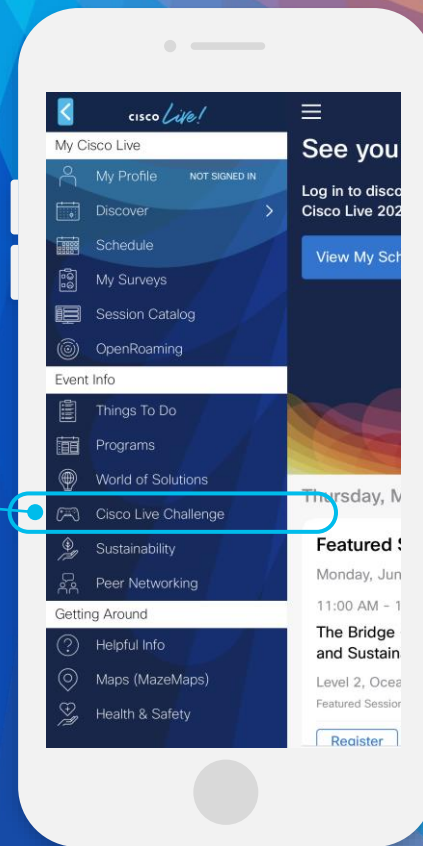


# Cisco Live Challenge

Gamify your Cisco Live experience!  
Get points for attending this session!

## How:

- 1 Open the Cisco Events App.
- 2 Click on 'Cisco Live Challenge' in the side menu.
- 3 Click on View Your Badges at the top.
- 4 Click the + at the bottom of the screen and scan the QR code:



The background features a vibrant, multi-colored abstract design. On the left, there are overlapping, wavy, organic shapes in shades of red, orange, and yellow. On the right, a bright white light source emits a series of sharp, radiating lines in various colors, including blue, green, and yellow, creating a sunburst or starburst effect. The overall composition is dynamic and energetic.

cisco *Live!*

Let's go

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