
Cisco Meraki Licensing

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An organization must have valid licensing for its Meraki devices to work properly. Each organization is licensed for a maximum number of each device type for a certain amount of time (typically from one to five years). For example, an organization may be licensed for 20 access points and 5 switches until January 15th, 2018.

You can manage a given organization's licenses on the **License info** page under the **Organization** tab. This page displays the following information:

- **Status:** Shows if licensing is *OK* or if there is a *Problem*.
- **MX Advanced Security:** If there is an MX in the organization, shows if Advanced Security is *Enabled* or *Disabled*.
- **Expiration date:** Indicates the single expiration date of this organization's licensing.
- **Licensed device limit:** Indicates the maximum number of each device type licensed in this organization.
- **Current device count:** Indicates how many of each device type is currently in use in the organization. These should always be equal or less than the licensed device limit, for each device type.

- **License history:** A historical list of licenses that have been applied to this organization.

When a new organization is created, that organization is granted a 30-day grace period. Before the grace period expires, you must enter a valid license key, whose format is a 12-character string (for example, Z2A7-32TE-A8Y4). Please note that this string is not case-sensitive.

Adding Licenses

You can add a license by clicking **Add another license**. You will then have two actions, or "operations", to choose from:

- **License more devices:** increases the number of devices that can exist within this Cisco Meraki Dashboard organization.
- **Renew my Dashboard license:** extends the licensing period of this Cisco Meraki Dashboard organization. You must renew the license for all devices in the organization. You cannot renew licensing for only certain devices within the organization.



You cannot add an Enterprise MX license to an Advanced Security organization. Adding an Advanced Security license to an Enterprise organization will convert that organization to Advanced Security. All existing Enterprise MX licenses will have their duration halved to compensate for the difference in the licensing costs, and the organization's license cotermination date will be adjusted accordingly.

For more information on license renewals and cotermination, please refer to our documentation on [Licensing Guidelines and Limitations](#).

Expired Licenses or Exceeding License Limits

If an organization's license is expired or the number of devices in the organization exceeds the licensed limit, the administrator has 30 days to return the organization to a valid licensed state. During this grace period, the system reminds the administrator to add additional licenses. After 30 days, administrators are not able to access the Dashboard (except to add additional licenses) and all Cisco Meraki equipment in the organization will cease to function.

Licensing Options

All Meraki products require licensing in order to operate. Some license options differ between products, as outlined below:

MR Licensing Options

The MR Access Points only have one license type, a general "wireless AP" license. This license can apply to any Meraki access point, so long as there is one license for every AP in the account. For example, a network containing two MR18s and an MR32 will require licensing for three APs.

MS Licensing Options

The MS Switches have licenses on a per-model basis, so every MS model has a corresponding license. Please note that these licenses are non-transferrable between switch models. For example, an MS220-48 switch will not be covered by an MS320-48 license; it will require an MS220-48 license.

MX Licensing Options

The MS Switches have licenses on a per-model basis, so every MX model has a corresponding license. Please note that these licenses are non-transferrable between appliance models. For example, an MX64 will not be covered by an MX84 license; it will require an MX64 license.

The MX Security Appliance has multiple license editions: Enterprise and Advanced Security. Please note that the MX licensing edition is uniform across the organization. For example, you can have all 25 appliances using Enterprise Edition or Advanced Security Edition, but you cannot have 20 appliances using one edition and 5 using the other edition. If you wish to use Enterprise Edition for some appliances and Advanced Security Edition for other appliances, you need to create two organizations, one for your appliances with the Enterprise Edition, and another for the appliances with the Advanced Security Edition.

The following table provides a list of major MX features and their required license edition:

Feature	Enterprise license	Advanced Security license
Stateful firewall	✓	✓
VLAN to VLAN routing	✓	✓
Link bonding / failover	✓	✓
3G / 4G failover	✓	✓
Traffic shaping / prioritization	✓	✓

Site-to-site VPN	✓	✓
Client VPN	✓	✓
MPLS to VPN Failover	✓	✓
Splash pages	✓	✓
Configuration templates	✓	✓
HTTP content caching	✓	✓
Group Policies	✓	✓
Client connectivity alerts	✓	✓
SD-WAN	✓	✓
Geography based firewall rules		✓
Intrusion detection / prevention		✓
Content filtering		✓
Anti-virus and anti-phishing		✓
Youtube for Schools		✓
Web Search Filtering		✓

AMP / Anti-malware		✓
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MC Licensing Options

The MC Phones only have one licensing type, a generic "MC Phone" license. This license can apply to any Meraki Phone, as long as there is at least one license for every phone in the organization. For example, a network containing ten MC74 phones will require at least ten MC Phone licenses.

SM Licensing Options

Meraki Systems Manager has only one license type, which is used for all managed clients in SM, regardless of operating system type. Licenses need to be available for devices to enroll into your network.

Please refer to our documentation for more information on [Systems Manager Licensing](#).

Additional Resources

Please refer to our website for more detailed information on [Cisco Meraki's Licensing Policy](#).

For additional information about licensing specifics, please refer to our [Licensing FAQ](#).