Integration Guide: Cisco Meraki

This article describes how to configure the Site-To-Site VPN tunnel to SonicWall from the Cisco Meraki device using the Management Platform. You must replace the example values in the procedures with the values that are provided in the configuration file.

- Adding a new VPN site
- Editing firewall rules

Please follow the steps below:

Adding a new VPN site

1. Go to the Non-Meraki VPN peers section in Security Appliance > Configure > Site-to-site VPN page.
2. Select Add a peer and enter the following information:
   - A name for the remote device or VPN tunnel: Your choice
   - The public IP address of the remote device: Public IP Address of the Gateway
   - The subnets behind the third-party device that you wish to connect to over the VPN: 10.255.0.0/16
   - The IPsec policy to use: Select Custom and enter the following information:
     Phase 1:
     - Encryption: Select AES-256 encryption
     - Authentication: Select SHA1 authentication
     - Diffie-Hellman group: Select between Diffie-Hellman (DH) groups 5
     - Lifetime (seconds): 28800
     Phase 2:
     - Encryption: Select AES-256 encryption
     - Authentication: Select SHA1 authentication
     - PFS group: Select group 5 to enable PFS using that Diffie Hellman group.
     - Lifetime (seconds): 3600
     - The preshared secret key (PSK): Enter the PSK you created in the interface.

General Settings

- Meraki uses IKEv1, please set accordingly on the Tunnel interface
Editing firewall rules

You can add firewall rules to control what traffic is allowed to pass through the tunnel. These rules will apply to inbound and/or outbound VPN traffic from all MX appliances in the Organization that participate in site-to-site VPN.

To create a firewall rule, select Add a rule in the Site-to-site firewall section on the Security Appliance > Configure > Site-to-site VPN page. These rules are configured in the same manner as the Layer 3 firewall rules.

You can add firewall rules to allow traffic from the subnet (10.255.0.0/16) to your local network or services if you desire.

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