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Local Status Page for Cisco 8000 Series Secure Routers

Feature history of Local Status Page

Table 1: Feature history for Local Status Page

Feature	Release	Description
Local Status Page	Cisco IOS XE 26.2.1 Release	From this release, Cisco Secure Routers can be configured with Local Status Page (LSP).

Local Status Page

Local Status Page (LSP) is a web interface on Cisco Meraki Dashboard to manage Cisco Secure Routers. It lets an administrator review connectivity, configure basic uplink and Ethernet settings, and collect support data when the router cannot communicate with the Cisco Meraki Dashboard. A computer can connect directly to the router for predeployment configuration or local troubleshooting.

LSP is available only when the Cisco Secure Routers operates in Dashboard management mode. Dashboard monitor-only mode does not support LSP. The page accepts HTTPS connections only; HTTP access is not supported.

LSP presents three customer-facing areas:

- Connection displays the client connection, router identity, uplink status, internet reachability, and Cisco Meraki cloud connectivity.
- Administration configures the uplink or WAN IPv4 address and provides support-data bundle actions.
- Ethernet displays physical ports and provides limited port administration and link negotiation settings.

When the router has an IP address and can reach its gateway, LSP reports that the router has an IP address and the gateway is reachable. It reports separately when the router does not have an IP address or when the gateway does not respond to ARP requests.

Benefits of Local Status Page

- Configure basic uplink connectivity before deployment.
- Restore Cisco Meraki Dashboard connectivity by correcting WAN IPv4 settings locally.
- Review the client, router, uplink, internet, and cloud connection from one local page.
- Collect, download, and delete a support-data bundle when the router cannot reach Dashboard.

Prerequisites for Local Status Page

- For management-port access, connect the client to GigabitEthernet0.
- Use a LAN-side port for front-panel access. Uplink or WAN ports do not provide LSP access.
- For remote access, the router LAN IP must be reachable from the client.

Restrictions for Local Status Page

- Management-port access uses IPv4 only. IPv6 access is not supported on the management port.

- LSP does not convert a port between Layer 2 and Layer 3 modes.
- Support-data bundles are compressed but are not encrypted.

Configure Local Status Page

Convert the routing Day 0 WebUI to the Local Status Page

Use this procedure when a router is in Day 0 mode without BOOT_DEVICE_MODE=meraki configured in ROMMON. In this state, the router presents the routing Day 0 WebUI instead of the Local Status Page. If no DHCP server is available in the customer network, the router cannot use ZTP to connect to the Cisco Meraki Dashboard. This procedure enables customers who do not use Cisco CLI to convert to the Local Status Page and manually configure the uplink.

Step 1 Connect a laptop to a Layer 2 switch port on the router while the router is in Day 0 mode.

Step 2 Set the laptop IP configuration to an address in 192.168.1.0/24, or use DHCP with DHCP client ID set to webui.

Step 3 In a browser, open https://192.168.1.1/ and sign in with username webui and password cisco.

Step 4 Select Meraki Mode, Configuration source: Cloud.

The router reloads and converts to Configuration source: Cloud mode.

Step 5 After the reload, open the Local Status Page at https://192.168.1.1/ or https://wired.meraki.com/.

Access the Local Status Page through the management port

Step 1 Connect a laptop to GigabitEthernet0 on the router.

Step 2 Wait for the laptop to receive an IPv4 address from 10.128.128.131 through 10.128.128.140.

The router uses 10.128.128.130 as the gateway and DNS server on this connection.

Step 3 In a browser, open https://10.128.128.130.

You can also open https://mx.meraki.com, https://wired.meraki.com, https://setup.meraki.com, or https://my.meraki.com.

Access Local Status Page remotely through LAN IP address

Step 1 Confirm that the router LAN IP is reachable from the client.

Step 2 Open https://<LAN IP> in a browser.

Configure the WAN uplink in the Local Status Page

In Administration, configure the uplink for DHCP or static IPv4 assignment. A static assignment requires an IP address, subnet mask, default gateway, and DNS server values.

Configure Ethernet ports in the Local Status Page

In Ethernet, select a physical port to review its administrative and operational states. For supported WAN ports, configure the administrative state and link negotiation.

Manage a Local Status Page support data bundle

Step 1 In Administration, generate a new support-data bundle.

Step 2 Download the generated bundle for submission to Meraki Support.

Step 3 Delete the bundle from the device when it is no longer needed.

The bundle contains the information collected by request tech-support, is compressed, and uses the filename format device-name-debug_bundle_data-timestamp-UTC.tar.gz. The bundle is not encrypted; handle it according to your organization's data-handling requirements.

Configure equivalent Local Status Page settings from the CLI

Configure a static WAN IPv4 address

The following examples use sample interface names and addresses.

```
interface TenGigabitEthernet0/0/9
 ip address 10.124.31.101 255.255.255.0
exit
ip route 0.0.0.0 0.0.0.0 TenGigabitEthernet0/0/0 10.124.31.1 tag 2896997536
ip name-server 171.70.168.183 8.8.8.8
```

Configure DHCP on the WAN interface

```
interface TenGigabitEthernet0/0/9
 ip address dhcp
```

Generate support data

```
request tech-support
```

The request tech-support collection includes show tech-support cloud-mgmt.

Verify Local Status Page

Use these CLI commands when further verification is required:

```
show arp | include <client-IP>
show arp vrf Mgmt-intf | include <client-IP>
show interfaces
show uac uplink
show uac uplink db
show cloud-mgmt
show cloud-mgmt connect
show ip name-servers
show ip route
```