

Endian > Switchboard > Features

## 🔒 How To Setup L2VPN On A Switchboard (Admin Guide)

Version 6.0

*Applies to Platform: Switchboard 6.9.x*

*Last update: 10 Dec 2025*

A new major feature for the Endian Switchboard in 6.9.0 is support for Layer 2 VPN (L2VPN) connections. This feature allows users to connect to remote Switchboard resources using a Layer 2 connection that provides network access as if the user was on-site. This enables the use of any application and provides support for remote equipment which may not support Layer 3 (TCP/IP) communications.

### Requirements

Before you begin you will need the following in order to complete this process:

1. An Endian Switchboard 6.9.0 that is already [setup](#) and accessible on a public IP or FQDN.
2. An Endian Gateway 6.9.0 that is already connected to the Endian Switchboard
3. An account with administrative access on both the Endian Switchboard and Gateway.

### Enable L2VPN on Gateway Zone(s)

On the gateway, navigate to *Network > Zones and Interfaces* and select the edit icon next to the zone you wish to enable L2VPN access on

Virtual Appliance  
Version 6.8.7

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Zones, VLANs and Bonding devices

Home / Network / Zones and interfaces

Add new ZONE +

Zone ID	Name	Type	IPs	Interfaces	Bridged uplinks	Actions
GREEN	Green	LAN	10.103.1.104/24	eth0		
ORANGE	Orange	DMZ				
BLUE	Blue	WIFI				

Within the zone editor, click the checkbox **Enable L2VPN access to this zone**

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Zones, VLANs and Bonding devices

Home / Network / Zones and interfaces

Zone editor

Zone: GREEN  
trusted, internal network (LAN)

Type \*  
LAN

Name \*  
Green

Select interfaces  
eth0

IP/CIDR addresses \*  
10.103.1.104/24

Enable L2VPN access to this zone

Update zone Cancel

\* This Field is required.

You can repeat this process for any of the other network zones on this gateway as needed. This must be done in order to use the L2VPN application on this gateway.

### Note

You can also use the provisioning process for new, factory default Endian appliances to enable the Layer 2 VPN feature on any of the standard network zones (Green, Orange, Blue).

## Add the Application to a Profile (Switchboard)

On the Switchboard management interface (port 10443), navigate to *Switchboard* > *Applications* > *Profiles* and click the edit icon next to the Endian Appliances

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Profiles

/ Switchboard / Applications / Profiles

Add profile +

Type to filter...

Name ↑	Organization ▾	Description ▾	Applications ▾	Actions
Endian Appliances		A profile for Endian appliances	Endian Web Interface, Layer 2 VPN, Secure Shell	<input checked="" type="checkbox"/>
Generic Network Devices		A profile for generic network devices	Secure Shell, Secure Web Interface, Telnet, Web Interface	
Linux Desktops		A profile for Linux/Unix desktop computers	Secure Shell, VNC Remote Desktop	
Linux Servers		A profile for Linux/Unix servers	Secure Shell	
Web Servers		A profile for web servers	Secure Web Interface, Web interface	
Windows Devices		A profile for Windows devices	VNC Remote Desktop, Windows Remote Desktop	
Windows Legacy Devices XP-Vista-7-2008 Server		A profile for legacy Windows devices	VNC Remote Desktop, Windows Remote Desktop - legacy clients	

Total 7, 20 Items / page

Legend:  Edit Delete Include as default profile for new organizations (click to enable)

Ensure the **Layer 2 VPN application** is under the Selected column or add it if needed.

- Dashboard >
- System >
- Status >
- Network >
- Services >
- Firewall >
- Proxy >
- VPN >
- Authentication >
- Certificates >
- Switchboard >
- Dashboard >
- Users >
- Devices >
- Applications >
- Applications >
- Profiles >
- Messages >
- Organizations >

## Profiles

Home / Switchboard / Applications / Profiles

### Change Profile

Name \*

Endian Appliances

Organization

Description

A profile for Endian appliances

Applications

Filter available items...

Filter selected items...

Available

Selected

>>

- Windows Remote Desktop - legacy clients
- Windows Remote Desktop
- VNC Remote Desktop
- Telnet
- Web Interface
- Secure Web Interface

<<

- Secure Shell
- Endian Web Interface
- Layer 2 VPN

Showing all 6

Applications (3)

Change

Cancel

Click the Change button to confirm the selection. Now when a user connects to an Endian appliance gateway, they will see the Layer 2 VPN application.



### Warning

The Layer 2 VPN application can only be accessed using the Connect App for Microsoft Windows platform. The minimum version is Connect App 6.4.21 which supports this feature.

## Comments

