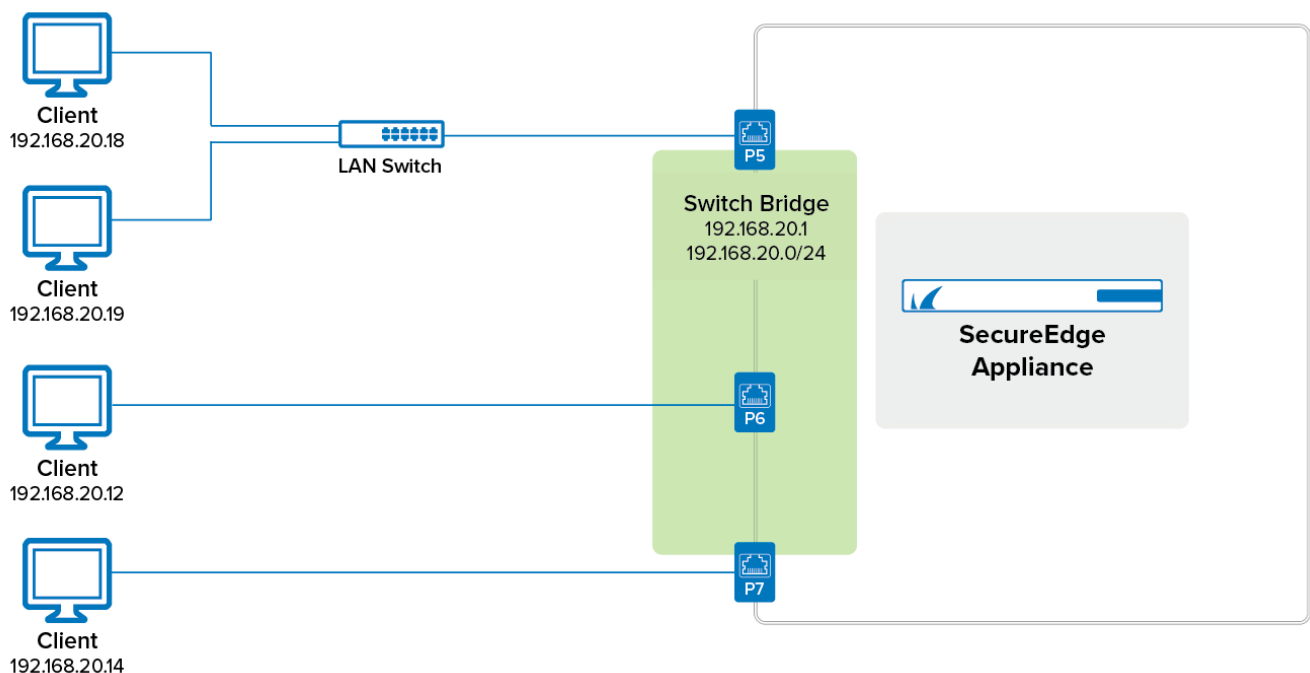


How to Create a Switch Bridge

<https://campus.barracuda.com/doc/100371643/>

Barracuda SecureEdge Manager allows administrators to create a bridge that can act as a switch. You can configure the bridge on Private Edge services and sites. The bridge is available for both HA and non-HA pairs. A bootstrap configuration file is not supported for this type of bridge.



Requirements and Limitations

- You must ensure that none of the bridge's interfaces are virtual LANs.
- When using the bootstrap configuration file, you cannot configure a switch bridge.
- Access rules for traffic across the bridge will not be exposed in the Cloud UI.

Create a Switch Bridge

1. Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
2. In the left menu, click the **Tenants/Workspaces** icon and select the workspace containing your existing stand-alone site.
3. Go to **Infrastructure > Sites**. The **Sites** page opens.
4. Select the site you want to edit. You can either search for the name or serial, or use filters to tailor the list of displayed sites. You can also simply scroll through the list. Click on the arrow icon next to site you want to configure.

Demo Enterprises Inc/Production
Infrastructure > Sites

New site

Add filter Edit columns

	NAME	SERIAL	MODEL	EDGE SERVICE	CLOUD VWAN	CONNECTION STATUS	PEERING ADDRESS	LANS	WANS	
✓	Delhi	831634 423656	VT5000	India	Private Edge	Online	169.254.0.3	10.204.01/24 10.243.64.1/18	Jio (Dynamic) MTNL (WVA...	⬇️ ⬆️ ➡️
✓	Derby	956477	T200C	UnitedKingdom	Private Edge	Online		10.17.20.1/24	Inline (Bridge)	⬇️ ⬆️ ➡️

5. In the site menu, go to **Settings > LAN** and click **Add LAN Interface**.

Demo Enterprises Inc/Production
Infrastructure > Sites > Delhi

Dashboard Settings Recent connections Live connections Audit log

BASIC INFORMATION WAN LAN DHCP ADVANCED SETTINGS

LAN INTERFACES

Add LAN Interface

NAME	PORT	IP ADDRESS	NETMASK	HA FAILOVER
------	------	------------	---------	-------------

6. The **Add NEW LAN Interface** window opens. Specify values for the following:

- **Name** – Enter a unique name for the LAN link.
- **Type** – Select **Bridge** from the drop-down list.
- **Port** – Select the LAN port from the drop-down list. Note: Port 1 is reserved for [High Availability](#).
- **IP Address** – Enter the private network IP address assigned to your appliance.
- **Netmask** – Enter the CIDR netmask suffix.

Add New LAN Interface

Name * SwitchBridge

Type Bridge

Ports * P5 X P6 X P7 X
Type to search

IP Address * 192.168.201

Netmask * 24

Cancel OK

7. Click **OK**.

8. Click **Save**.

After the configuration is saved, you can see that network details for the bridge will appear in the **LANS** column of the **Sites** page. You can see a bridge is created across selected ports. Bridges can now be used in the same way that LANs are used in security policies.

Demo Enterprises Inc/Production
Infrastructure > Sites

New site

Add filter Edit columns

	NAME	SERIAL	MODEL	EDGE SERVICE	CLOUD VWAN	CONNECTION STATUS	PEERING ADDRESS	LANs	WANS	
✓	Derby	956477	T200C	UnitedKingdom	Private Edge	Online		192.168.201/24	Inline (Bridge)	⬇️ ⬇️ ⬆️
✓	Dubai	511264	T200B	UnitedArabEm...	Private Edge	Online	169.254.0.2	10.14.0.1/24 10.14.64.1/18	Du (WWAN) Etisalat (Dyn...	⬇️ ⬇️ ⬆️

Edit an Existing Switch Bridge

1. Go to **Infrastructure > Sites**. The **Sites** page opens.
2. Select the site you want to edit. Click on the arrow icon next to the site you want to configure.
3. In the site menu, go to **Settings > LAN**.
4. Click on the pencil icon next to the LAN or bridge you want to edit.
5. The **Edit LAN Interface** window opens. Edit the value you are interested in.

Edit LAN Interface

Name * SwitchBridge

Type Bridge

Ports * P5 X P6 X P7 X
Type to search

IP Address * 192.168.201

Netmask * 24

Cancel OK

6. Click **OK**.
7. Click **Save**.

Remove an Existing Switch Bridge

1. Go to **Infrastructure > Sites**. The **Sites** page opens.
2. Select the site you want to edit. Click on the arrow icon next to site you want to configure.
3. In the site menu, go to **Settings > LAN**.
4. Click on the trash can icon next to the LAN or bridge you want to remove.

5. The **Delete LAN Interface** window opens.
6. Click **Ok** to confirm.

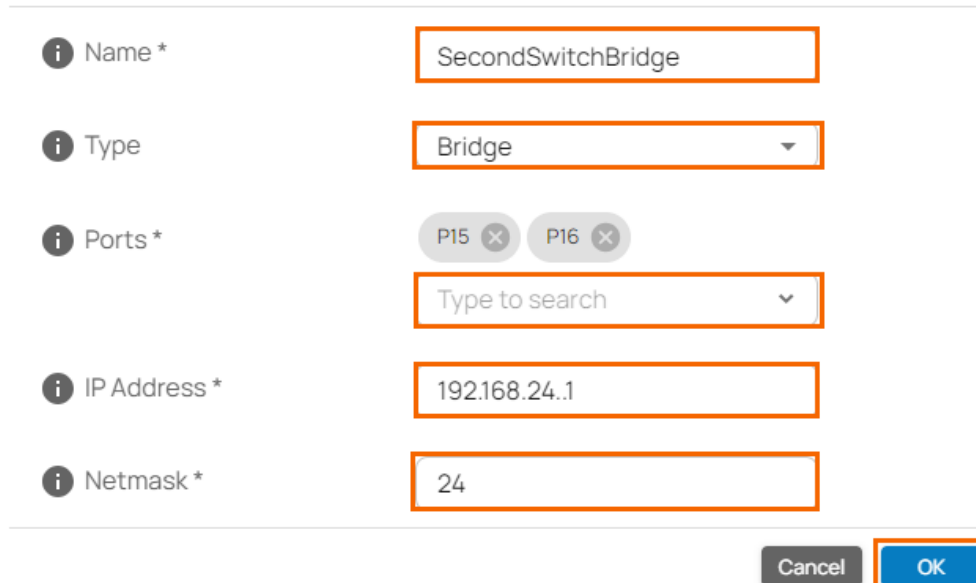
(Optional) Create Another Switch Bridge

You can create another switch bridge using unassigned ports of your existing site.

Note that the number of available interfaces/ports depends on the physical appliances you are using. The Barracuda SecureEdge Manager provides a maximum of 16 configurable LANs.

1. Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
2. In the left menu, click the **Tenants/Workspaces** icon and select the workspace containing your existing stand-alone site.
3. Go to **Infrastructure > Sites**. The **Sites** page opens.
4. Select the site you want to edit. Click on the arrow icon next to the site you want to configure.
5. In the site menu, go to **Settings > LAN** and click **Add LAN Interface**.
6. The **Add NEW LAN Interface** window opens. Specify values for the following:
 - **Name** – Enter a unique name for the LAN link
 - **Type** – Select **Bridge** from the drop-down list.
 - **Port** – Select the LAN port from the drop-down list. Note: Port 1 is reserved for [High Availability](#).
 - **IP Address** – Enter the network IP address assigned to the port.
 - **Netmask** – Enter the CIDR netmask suffix.

Add New LAN Interface



Name *	SecondSwitchBridge
Type	Bridge
Ports *	P15 × P16 × Type to search
IP Address *	192.168.24..1
Netmask *	24

Cancel OK

7. Click **OK**.
8. Click **Save**.

After the configuration is saved, a bridge is created across selected ports, which allows network traffic to pass between the bridged interfaces.

Figures

1. se_deployment_switch.png
2. SiteToAddBridge.png
3. AddLANIntf.png
4. SWBridge.png
5. Sites Page_SwitchBridge.png
6. EditLANIntf.png
7. Switch-bridge.png

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