

How to Create an Inline Bridge on an Existing Stand-Alone Site

<https://campus.barracuda.com/doc/100371339/>

Barracuda SecureEdge allows you to create an inline bridge configuration on an existing stand-alone site by bridging a WAN with a LAN. WAN connections can be configured either during initial deployment via the setup wizard or later through the Sites tab. For more information on configuring during deployment, see [How to Create a T/VT Site Configuration in Barracuda SecureEdge](#). Inline bridges are available only for stand-alone sites (HA and non-HA).

If you have virtual appliances hosted on VMWare ESXi, interfaces used for a bridge must be configured in the Security policies to allow promiscuous mode at the portgroup level.

Create an Inline 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 the site you want to configure.

Demo Enterprises Inc/Production
Infrastructure > Sites

New site

Add filter Edit column

	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 10.243.64/18	Jio (Dynamic) MTNL (WWA...	⬇️ ⬆️ ⬇️ ⬆️ ⬇️ ⬆️ ⬇️ ⬆️ ⬇️ ⬆️
✓	Derby	956477	T200C	United Kingdom	Private Edge	Online		1017.240.0/24	Inline (Bridge)	⬇️ ⬆️ ⬇️ ⬆️ ⬇️ ⬆️ ⬇️ ⬆️ ⬇️ ⬆️

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

Demo Enterprises Inc/Production
Infrastructure > Sites > Derby

Dashboard

Settings

Recent connections

Live connections

BASIC INFORMATION

WAN

LAN

DHCP

ADVANCED SETTINGS

Add WAN Interface

NAME	TYPE	PORT	PROVIDER PINNING	USER CONNECTIV...
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6. The **Add NEW WAN Interface** window opens. Specify values for the following:
 - o **Name** – Enter a unique name for the WAN link
 - o **Type** – Select **Bridge** from the drop-down list.
 - o **WAN Port** – Select the WAN 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.
- **Gateway** – Enter the gateway IP address.
- **LAN Ports** – Enter the LAN ports this interface is connected to.
- **Provider Pinning** – Select a provider classification from the drop-down list.

Add New WAN Interface

BASIC

Name *	Inline
Type	Bridge
WAN Port	P2
IP Address *	192.168.240.7
Netmask *	24
Gateway *	192.168.240.1
LAN Ports *	P6 <input type="button" value="x"/> Type to search
Provider Pinning	Pin to Group 1

7. Click **OK**.

8. Click **Save**.

After the configuration is saved, you can see that network details for the inline bridge will appear in the **WANS** column of the **Sites** page. To allow network traffic to pass between the bridged interfaces, you must define a Policy Profiles rule set for every bridged interface group. An inline bridge is created across ports P2 (WAN) and P6 (LAN), and that the network traffic flows between your client(s) and the internet. These bridges can now be used in the same way as 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 Inline 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. Click on the arrow icon next to the stand-alone 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	10.204.0.1/24 10.243.64.1/18	Jio (Dynamic) MTNL (WWA...	⬇️ ⬇️ ⬆️
✓	Derby	956477	T200C	UnitedKingdom	Private Edge	Online		10.17.240.0/24	Inline (Bridge)	⬇️ ⬇️ ⬆️

5. In the site menu, go to **Settings > WAN** and click on the pencil icon next to the selected bridge.

Demo Enterprises Inc/Production
Infrastructure > Sites > Derby

Dashboard

Settings

Recent connections

Live connections

Audit log

BASIC INFORMATION

WAN

LAN

DHCP

ADVANCED SETTINGS

Add WAN Interface

NAME	TYPE	PORT	PROVIDER PINNING	USER CONNECTIVI...	
Inline	Bridge	P2, P3, P4	Pin to Group 1	ⓘ	✎️ ⬇️

Reset Save

6. The **Edit WAN** Interface window opens. Edit the value you are interested in.

Edit WAN Interface

BASIC

ADVANCED

i

Name *

Inline

i

Type

Bridge

▼

i

WAN Port

P2 (1Gb)

▼

i

IP Address *

10.17.240.7

i

Netmask *

24

i

Gateway *

10.17.240.1

i

LAN Ports *

P3 (1Gb) × P4 (1Gb) ×

Type to search

▼

i

Provider Pinning

Pin to Group 1

▼

Cancel

OK

- Click **OK**
- Click **Save**.

Figures

1. site.png
2. AddWAN.png
3. InlineBridgeConfig.png
4. Sites Page_InlineBridge_.png
5. site.png
6. Bridge-Config.png
7. WAN-Interface-Edit.png

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