

How to Configure a PPPoE WAN Connection

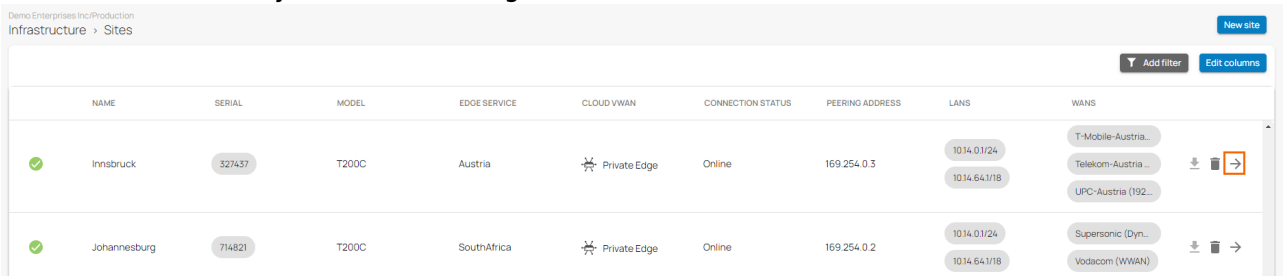
<https://campus.barracuda.com/doc/100370484/>

WAN connections can be configured either during deployment 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](#). The Barracuda SecureEdge Manager allows you to create a PPPoE WAN interface on sites and private Edge Services during initial deployment via their respective wizards. In addition, you can add a PPPoE WAN interface to any existing site or private Edge Service with a free port.

Note that for sites and Private Edge Services, you cannot configure more than four PPPoE WAN interfaces.

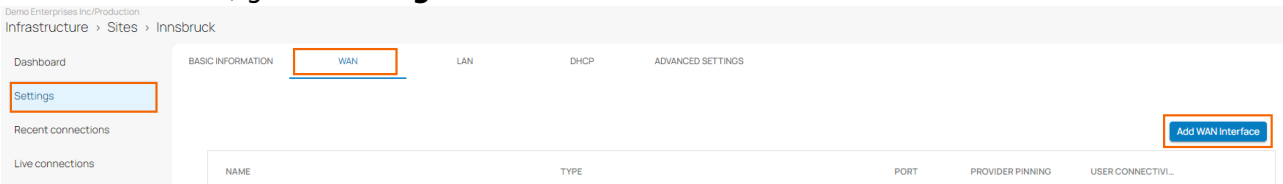
Add WAN Configuration

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 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.



NAME	SERIAL	MODEL	EDGE SERVICE	CLOUD VWAN	CONNECTION STATUS	PEERING ADDRESS	LANs	WANs
Innsbruck	327437	T200C	Austria	Private Edge	Online	169.254.0.3	1014.01/24 1014.64/1/8	T-Mobile-Austria... Telekom-Austria... UPC-Austria (192...
Johannesburg	714821	T200C	SouthAfrica	Private Edge	Online	169.254.0.2	1014.01/24 1014.64/1/8	Supersonic (Dyn... Vodacom (WWAN)

5. In the **Site** menu, go to **Settings > WAN** and click **Add WAN interface**.



Dashboard | BASIC INFORMATION | **WAN** | LAN | DHCP | ADVANCED SETTINGS

Settings | Recent connections | Live connections

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:
 - In the **BASIC** tab, specify values for the following:
 - **Name** – Enter a unique name for your uplink.
 - **Type** – Select **PPPoE** from the drop-down list.
 - **Port** – Select the port where your uplink is connected to. The default for DHCP connections is p4, except model T93 Revision A where DHCP is located on p2. Note: Port 1 is reserved for high availability.
 - **Virtual LAN ID (Optional)** – If required, enter the Virtual LAN ID this interface is connected to.

- **Provider Pinning** – Select a provider classification from the drop-down list.
- **Username** – Enter the username.
- **Password** – Enter the password.

Add New WAN Interface

BASIC	ADVANCED
Name *	ISP PPPoE
Type	PPPoE
Port	P4 (1Gb)
Virtual LAN ID	
Provider Pinning	Pin to Group 1
Username	admin
Password
<div> <input type="button" value="Cancel"/> <input type="button" value="OK"/> </div>	

- In the **ADVANCED** tab, specify values for the following:
 - **MTU Size** – Enter a valid number up to 1492. By default, **MTU Size** is 1452.
 - **Enable Health Check** – Click to enable/disable. By default, **Health Check** is disabled.
 - When **Health Check** is enabled, specify values for the following:
 - **Health Check** – Select the **Health Check** mode you wish to use from the drop-down list. You can choose between **ICMP**, **LCP**, and **LCP Strict**.
 - If you select **Health Check = ICMP**, specify values for the following:
 - **Health Check Target** – Enter a valid IP address, and to add more IPs, click **+**. You can add a collection of IP addresses such as IPv4, public, and private.
 - If you select **Health Check = LCP** or **LCP Strict**, the **Health Check Target** field is disabled.
 - When **Health Check** is disabled, the **Health Check** field is disabled.

Note that **Health Check Target** is applied only when **Health Check** is enabled and the **Health Check** type is **ICMP**.

Add New WAN Interface

BASIC

ADVANCED

i

 MTU Size

1000

i

 Enable Health Check

☒

i

 Health Check *

ICMP

i

 Health Check Target *

10.0.0.1

×

+

Cancel

OK

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

After configuration is complete, you can see a new PPPoE entry in the corresponding site of the WAN table.

Dashboard

Settings

Recent connections

Live connections

Audit log

Basic Information

WAN

LAN

DHCP

Advanced Settings

Telekom-Austria

Dynamic

P6

Pin to Group 1

1

✎

✖

UPC-Austria

Static

P5

Pin to Group 1

1

✎

✖

T-Mobile-Austria-GmbH

WWAN

Pin to Group 2

1

✎

✖

ISP PPPoE

PPPoE

P4

Pin to Group 1

1

✎

✖

Add WAN Interface

Reset

Save

Edit an Existing WAN Configuration



You can change a PPPoE WAN interface to a non-PPPoE WAN interface or vice versa.

- Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
- In the left menu, click the **Tenants/Workspaces** icon and select the workspace containing your 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 edit.

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	
✓	Innsbruck	327437	T200C	Austria	Private Edge	Online	169.254.0.3	10.14.0.1/24 10.14.64.1/18	T-Mobile-Austria... Telekom-Austria... UPC-Austria (192...	
✓	Johannesburg	714821	T200C	SouthAfrica	Private Edge	Online	169.254.0.2	10.14.0.1/24 10.14.64.1/18	Supersonic (Dyn... Vodacom (WWAN)	













5. In the site menu, go to **Settings > WAN** and click on the pencil icon next to the WAN interface you want to edit.

Demo Enterprises Inc/Production
Infrastructure > Sites > Innsbruck

[Dashboard](#) [Settings](#) [Recent connections](#) [Live connections](#) [Audit log](#)

[BASIC INFORMATION](#) [WAN](#) [LAN](#) [DHCP](#) [ADVANCED SETTINGS](#)

[Add WAN interface](#)

NAME	TYPE	PORT	PROVIDER PINNING	USER CONNECTIV...	
Telekom-Austria	Dynamic	P6	Pin to Group 1		 
UPC-Austria	Static	P5	Pin to Group 1		 
T-Mobile-Austria-GmbH	WWAN		Pin to Group 2		 
ISP PPPoE	PPPoE	P4	Pin to Group 1		 

[Reset](#) [Save](#)

6. The **Edit WAN Interface** window opens. Edit the value you are interested in.
7. Click **OK**.
8. Click **Save**.

Figures

1. Sites.png
2. AddWANInterface.png
3. BasicWAN-Conf.png
4. AdvSettingsWAN.png
5. PPPoE entry.png
6. Sites.png
7. EditWAN.png

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