

How to Create a T/VT Site Configuration in Barracuda CloudGen WAN

<https://campus.barracuda.com/doc/93194269/>

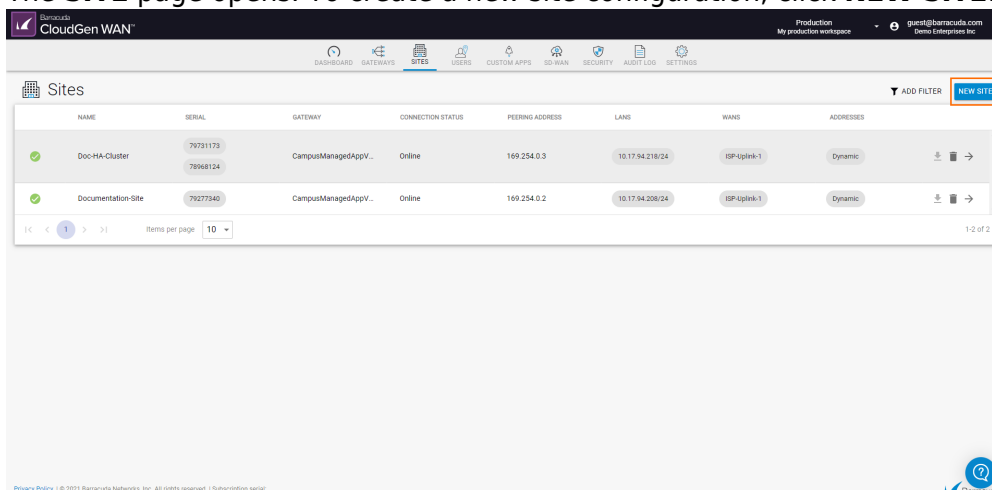
You must create a site configuration with the basic settings for each Barracuda CloudGen WAN appliance. If your appliance is already ordered and installed on site, it will wait for the site configuration and apply the configuration as soon as it is available. If, however, the appliance is not yet installed, it will apply the configuration as soon as it is connected to the Internet.

Before You Begin

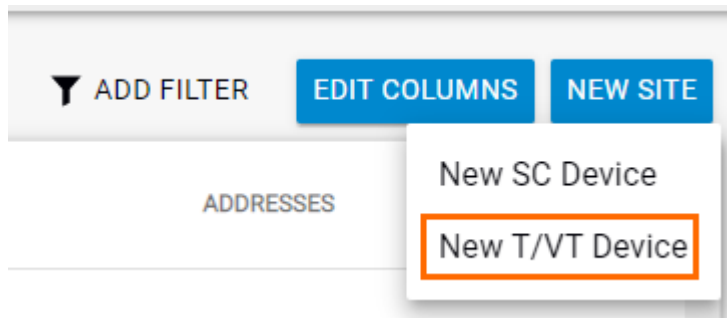
- Create a Virtual WAN in Microsoft Azure. For more information, see [How to Create a Microsoft Azure Virtual WAN](#).
- Create a Barracuda CloudGen WAN gateway. For more information, see [How to Create a Barracuda CloudGen WAN Gateway in Microsoft Azure](#)

Step 1 Create the Site Configuration

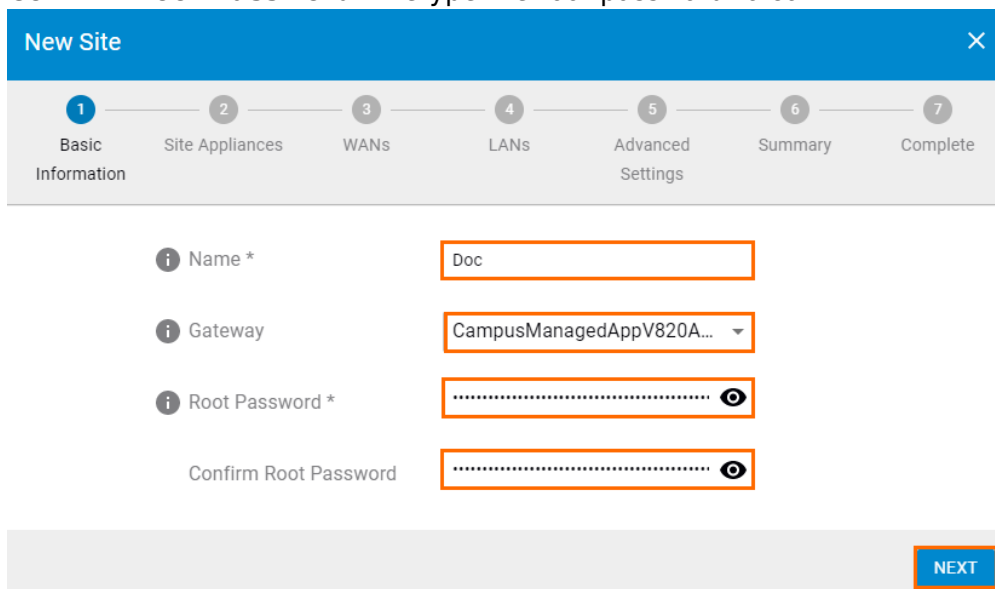
1. Go to <https://cloudgenwan.barracudanetworks.com/> and log in with your existing Barracuda Cloud Control account.
2. Click **SITES**.
3. The **SITE** page opens. To create a new site configuration, click **NEW SITE**.



4. From the drop-down menu, select **New T/VT Device**.



5. The **New Site Basic Information** blade opens. Enter values for the following:
- **Name** - Enter the name of the site.
 - **Gateway** - Select the gateway from the drop-down menu you want your site to connect to.
 - **Root Password** - Enter the root password. The password must not contain the "%" character.
 - **Confirm Root Password** - Retype the root password to confirm.

A screenshot of the 'New Site' configuration blade in the Barracuda CloudGen WAN interface. The blade has a blue header with the title 'New Site' and a close button (X). Below the header is a progress bar with seven steps: 1. Basic Information (active), 2. Site Appliances, 3. WANs, 4. LANs, 5. Advanced Settings, 6. Summary, and 7. Complete. The 'Basic Information' step is expanded, showing four fields: 'Name *' with the value 'Doc', 'Gateway' with a dropdown menu showing 'CampusManagedAppV820A...', 'Root Password *' with a masked password field, and 'Confirm Root Password' with a masked password field. Each field has an information icon (i) to its left. At the bottom right of the blade is a blue 'NEXT' button.

6. Click **NEXT**.
7. The **Site Appliances** blade opens.
1. Select your appliance from the list of appliances linked to your account. For a high availability cluster, select two appliances. For more information on high availability, see [High Availability](#). Note: After ordering, it might take up to 3 hours before your device is listed.

New Site

1

Basic Information

2

Site Appliances

3

WANs

4

LANs

5

Advanced Settings

6

Summary

7

Complete

Q Search Serials

|< < 1 > >|

1-10 of 10

Selected Serials

71105120

▼ Add missing site appliance by serial and linking code/license token

BACK

NEXT

2. If your appliance is not listed, you can add it by using the serial number and the linking code found on the back of the Quick Start Guide delivered with your appliance. Note: After ordering, it might take up to 3 hours before your device is listed.

1. Click **Add missing site appliance by serial/linking code**. And specify values for the following:

- **Serial** – Enter the serial number of your appliance.
- **Code/Token** – Enter the linking code (located on the back of the Quick Start Guide shipped with your hardware appliance), or the token of your VTx appliance.

New Site ×

✓

2

3

4

5

6

7

Basic InformationSite AppliancesWANSLANsAdvanced SettingsSummaryComplete

Select the site appliances you wish to configure. You can select either a single appliance, or two appliances if you wish to set up a High Availability cluster.

Note: Both appliances in an HA cluster must be the same model and have the same firmware version

	Serial	Model	Location	Order ID	Order Date
<input type="checkbox"/>	73192083	VT1500	Seefeld in Tirol, Tyrol, 6100, Austria	1490127839	2020-05-20
<input type="checkbox"/>	92575454	VT1500	Innsbruck, Tyrol, 6020, Austria	1490127839	2020-03-18
<input type="checkbox"/>	96183820	VT1500	Innsbruck, Tyrol, 6020, Austria	1490127839	2020-03-17
<input type="checkbox"/>	99778215	VT1500		1490127839	2020-05-13

Items: 1-4 of 4 < >

^

Add missing site appliance by serial and linking code/license token

These are found on your Barracuda Networks confirmation email

Serial *

<your serial>

Code/Token *

<your token>

ADD

BACK

NEXT

2. Click **ADD** to add the device to your account.

8. Click **NEXT**.

9. The **WANS** blade opens. Select the number of desired WAN connections from the drop-down list.

New Site ×

✓

✓

3

4

5

6

7

Basic InformationSite AppliancesWANSLANsAdvanced SettingsSummaryComplete

1

2

Your device has a total 19 ports available for both WAN and LAN designation.

How many WAN connections do you wish to configure for this site?

Number of WANS *

BACK

NEXT

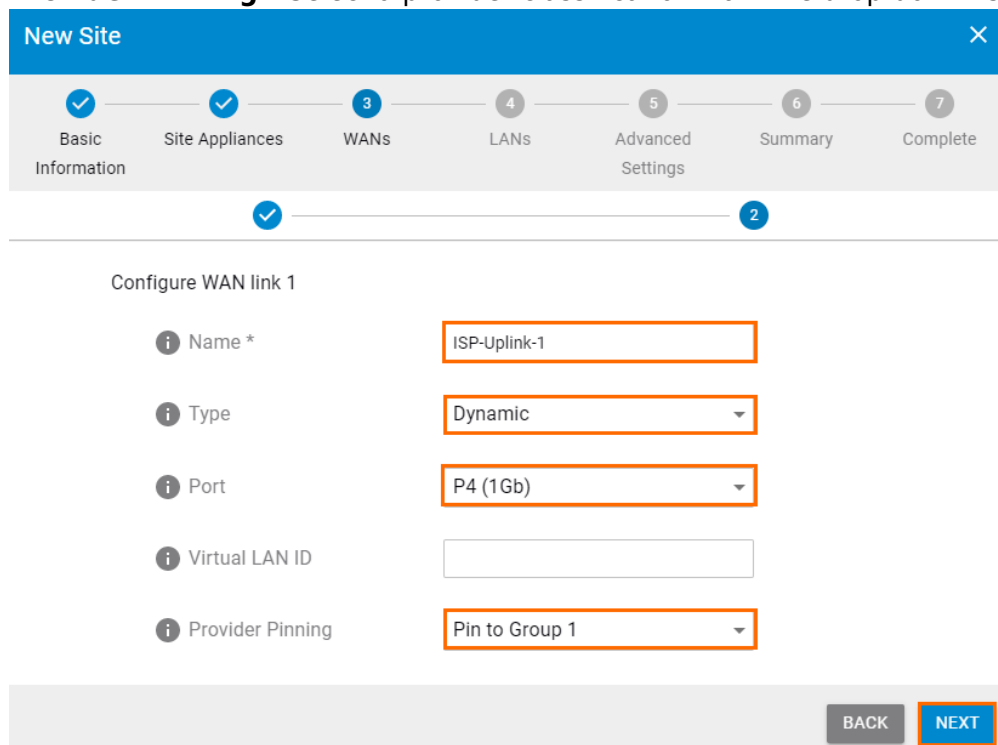
10. Click **NEXT**.

11. The **Configure WAN link** blade opens. Specify values for the following:

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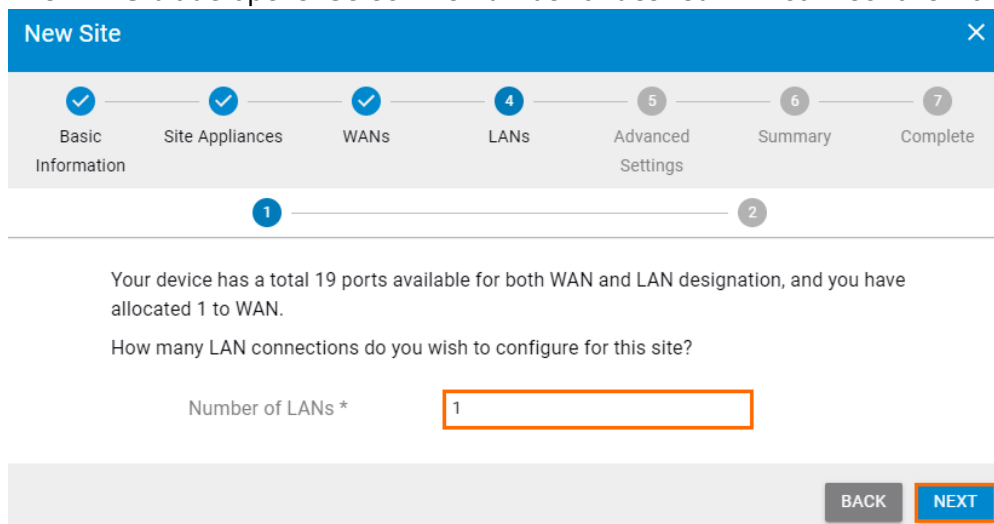
- **Name** – Enter a name for your uplink.
- **Type** – Select dynamic from the drop-down list.
- **Port** – Select the port where your uplink is connected to. Default for DHCP connections is p4, except model [T93 Revision A](#) where DHCP is located on p2. Note: Port 1 is reserved for high availability.
- **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.



The image shows the 'New Site' configuration wizard in the Barracuda CloudGen WAN interface. The wizard has seven steps: Basic Information, Site Appliances, WANS, LANs, Advanced Settings, Summary, and Complete. The 'WANS' step is currently selected and highlighted with a blue circle and the number 3. Below the step indicators, the 'Configure WAN link 1' section is visible. It contains five fields: 'Name *' with the value 'ISP-Uplink-1', 'Type' with the value 'Dynamic', 'Port' with the value 'P4 (1Gb)', 'Virtual LAN ID' (empty), and 'Provider Pinning' with the value 'Pin to Group 1'. At the bottom right of the form are 'BACK' and 'NEXT' buttons.

12. Click **NEXT**.

13. The **LANs** blade opens. Select the number of desired LAN connections from the drop-down list.



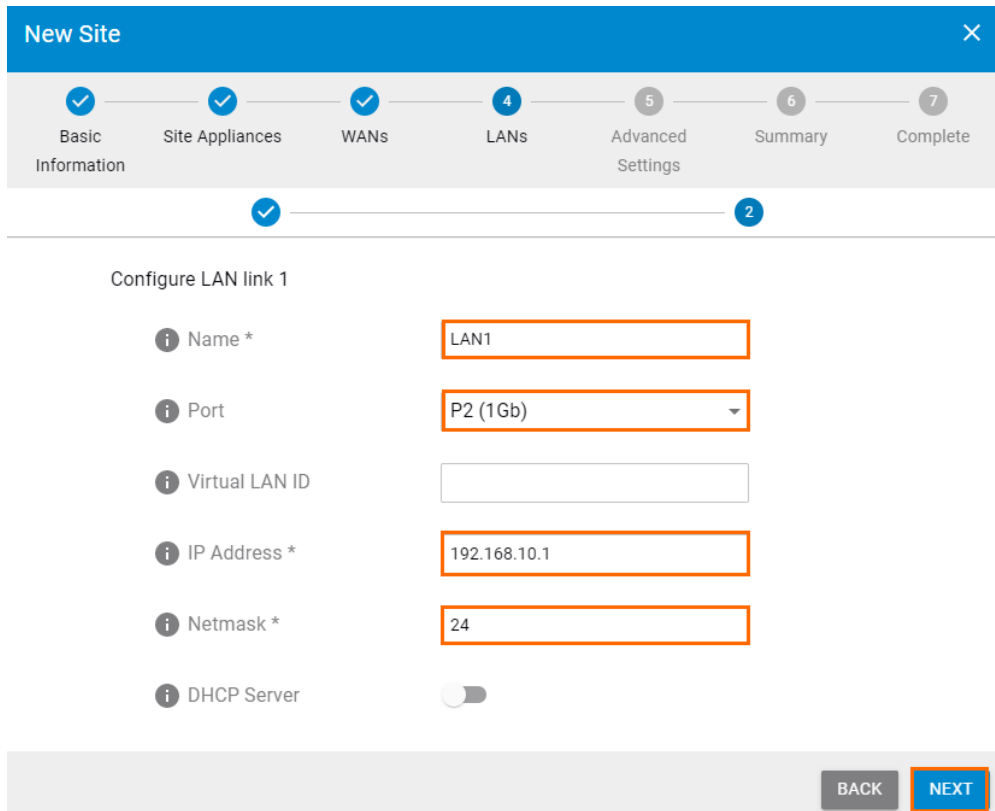
The image shows the 'New Site' configuration wizard in the Barracuda CloudGen WAN interface. The wizard has seven steps: Basic Information, Site Appliances, WANS, LANs, Advanced Settings, Summary, and Complete. The 'LANs' step is currently selected and highlighted with a blue circle and the number 4. Below the step indicators, the 'LANs' section is visible. It contains a message: 'Your device has a total 19 ports available for both WAN and LAN designation, and you have allocated 1 to WAN. How many LAN connections do you wish to configure for this site?'. Below the message is a field 'Number of LANs *' with the value '1'. At the bottom right of the form are 'BACK' and 'NEXT' buttons.

14. Click **NEXT**.

15. The **Configure LAN link** blade opens. Specify values for the following:

- **Name** – Enter a name for your LAN.

- **Port** – Select a port from the drop-down list where the LAN is attached to. Note: Port 1 is reserved for high availability.
- **Virtual LAN ID** (Optional) – If required, enter the Virtual LAN ID this interface is connected to.
- **IP Address** – Enter the IP address.
- **Netmask** – Enter a number between 0 and 32 for the subnet mask.
- **DHCP Server** – Click to enable. If enabled, you must enter the **First IP Address** and the **Last IP Address**. IP addresses within this range will be automatically assigned via DHCP.



16. Click **NEXT**.

17. The **Advanced Settings blade** opens. Specify values for the following:

- **Update Window Timezone** – Select **Dynamic** from the drop-down list, or select the time zone where the box is located.
- **Primary DNS** – Enter the IP address of the primary DNS server.
- **Secondary DNS** – Enter the IP address the secondary DNS server.

New Site

✓

✓

✓

✓

5

6

7

Basic Information

Site Appliances

WANs

LANs

Advanced Settings

Summary

Complete

i

 Update Window Timezone *

Dynamic

i

 Primary DNS

8.8.8.8

i

 Secondary DNS

8.8.4.4

BACK

NEXT

18. Click **Next**.

19. The **Summary** blade opens.

New Site

✓

✓

✓

✓

✓

6

7

Basic Information

Site Appliances

WANs

LANs

Advanced Settings

Summary

Complete

Please review the details of your Site and click save

Name	Docu-Site1	WAN	ISP-Uplink-1
Serial	73192083	LAN	Lan1
Gateway	cata-morning-river-7170-app	Primary DNS	8.8.8.8
Timezone	Dynamic	Secondary DNS	8.8.4.4

BACK

SAVE

20. Review your specifications. If everything is correct, click **SAVE**.

21. Your site configuration has been created successfully.

New Site

✓

✓

✓

✓

✓

✓

7

Basic Information

Site Appliances

WANs

LANs

Advanced Settings

Summary

Complete

Site has been successfully created

Please ensure you plug port **P4** of the appliance below into a DHCP enabled internet connection to allow for the automatic configuration of your appliance. If you wish to use another port this can be configured directly on the appliance.

For more information see [Barracuda Campus](#)

Serial: 73192083

FINISH

22. Click **FINISH**.

The appliance will automatically apply the configuration upon its first boot.

Step 2. Deploy the Site Appliance

You can use either Barracuda CloudGen WAN hardware appliances or virtual appliances for the most common hypervisors.

For more information, see [Hardware Deployment](#) and [Virtual Systems \(VTx\) Deployment](#).

Figures

1. new_site821.png
2. new_tvt_device.png
3. basic821.png
4. site_appliance821.png
5. add_serial_token.png
6. wan821.png
7. wan_link1_821.png
8. number_of_lans_821.png
9. lan_blade821.png
10. advanced_settings821.png
11. summary_821.png
12. success_821.png

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