

## How to Create a SecureEdge for Virtual WAN Edge Service in Microsoft Azure

<https://campus.barracuda.com/doc/98223577/>

Barracuda SecureEdge for Virtual WAN, deployed in Microsoft Azure, appears automatically in Barracuda SecureEdge Manager after the deployment process is finished. You can deploy several Barracuda SecureEdge for Virtual WAN Edge Services in each virtual WAN.

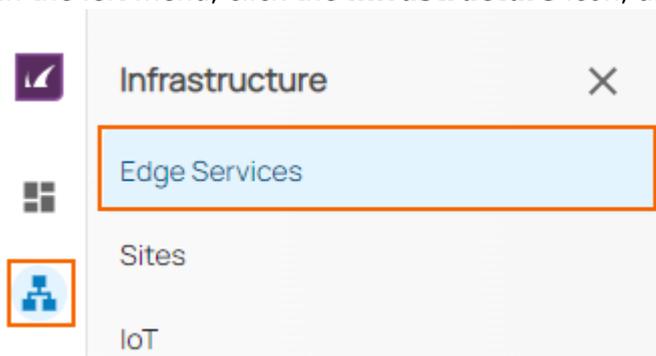
### Before You Begin

- Create a Virtual WAN in Microsoft Azure. For more information, see [How to Create a Microsoft Azure Virtual WAN](#).
- If you create a Barracuda SecureEdge for Virtual WAN Edge Service for the first time, you must first subscribe to Barracuda SecureEdge for Virtual WAN in Microsoft Azure. For more information, see [Getting Started](#).

### Step 1. Retrieve the Edge Service Token

The token is valid for 30 minutes only, and you need a separate token for each SecureEdge Service you create. The token is not bound to the virtual WAN selected in the top-right corner.

1. Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
2. In the left menu, click the **Infrastructure** icon, and select **Edge Services**.



3. The **Edge Services** page opens. In the top-right corner of the window, click **New Edge Service**.

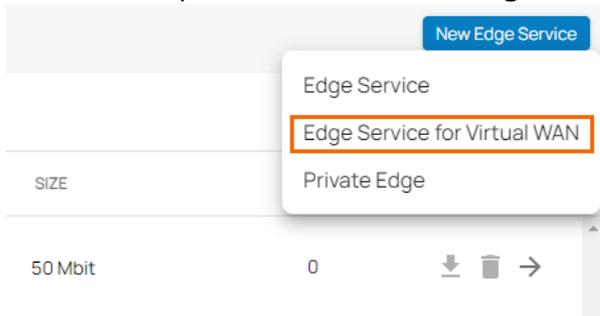
Demo Enterprises Inc/Production  
Infrastructure > Edge Services

New Edge Service

Add filter Edit columns

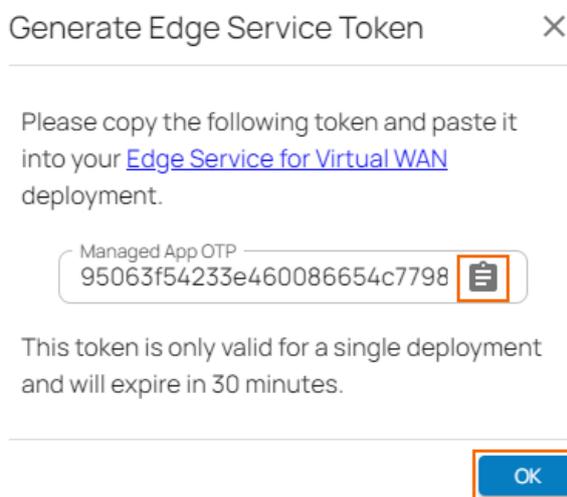
NAME	TYPE	UPSTREAM	LOCATION	CONNECTION STATUS	SIZE	SITES	
Australia	Production	AustraliaCentral2	Australia Central 2	Online	20 Scale Units - 10.0 Gbps	3	
Austria	Private Edge	(None)		Online	T600D (HA)	5	
Brazil	Production	BrazilSouth	Brazil South	Online	20 Scale Units - 10.0 Gbps	3	
EuropeWest-Offline	Edge Service	(None)	West Europe	Offline	50 Mbps	1	
India	Edge Service	(None)	Central India	Online	1000 Mbps	2	

4. From the drop-down menu, select **Edge Service for Virtual WAN**.



5. The **Generate Edge Service Token** window opens.

6. Click on the clipboard icon to copy the token to your clipboard.

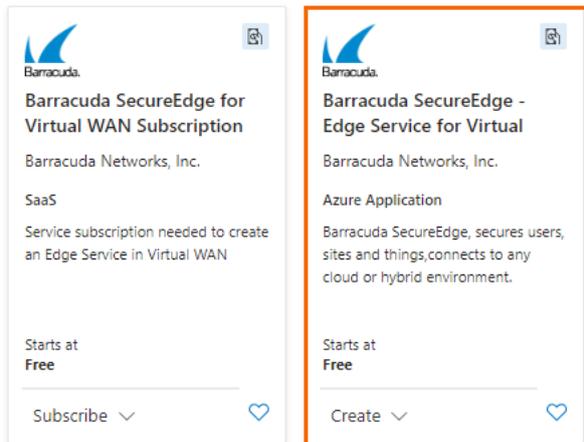


7. Click **OK**.

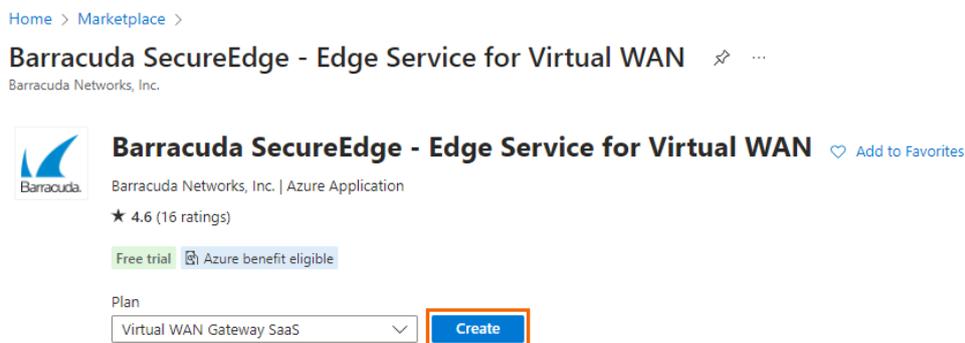
8. Paste the token in a text file.

## Step 2. Deploy an Edge Service in Microsoft Azure

1. Log into the Azure portal: <https://portal.azure.com>
2. In the left menu, click **Create a resource** and search for **Barracuda SecureEdge**.
3. Select **Barracuda SecureEdge - Edge Service for Virtual WAN**.



4. The **Barracuda SecureEdge - Edge Service for Virtual WAN** marketplace entry opens.



5. Click **Create**.

6. The **Basics** blade opens. Enter values for the following:

- **Subscription** – Select your subscription from the drop-down menu.
- **Resource group** – Either create a new resource group, or select an existing one from the drop-down menu.
- **Application name** – Enter a name for the managed application.
- **Managed Resource Group** – Enter a name for the managed resource group.

Basics **Edge Service for Virtual WAN** Review + create

**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* ⓘ

Resource group \* ⓘ  [Create new](#)

**Instance details**

Region \* ⓘ

**Managed Application Details**

Provide a name for your managed application, and its managed resource group. Your application's managed resource group holds all the resources that are required by the managed application which the consumer has limited access to.

Application Name \*

Managed Resource Group \* ⓘ

7. Click **Next**.

8. The **SecureEdge** blade opens. Specify values for the following:

- **Virtual WAN hub** – Select an existing Virtual WAN hub here. For more information, see [How to Create a Microsoft Azure Virtual WAN](#).
- **NVA infrastructure scale unit** – Select a scale unit from the drop-down menu.
- **Token** – Enter the Edge Service token here that you retrieved in Step 1.

Basics **Edge Service for Virtual WAN** Review + create

**Before configuring your first Barracuda SecureEdge instance, you need to subscribe to the SecureEdge Service in the Azure Marketplace. Click here to go to the Barracuda SecureEdge service and subscribe.**

Virtual WAN hub \* ⓘ

NVA infrastructure scale unit \* ⓘ

**To automatically configure your Edge Service for Virtual WAN, you must supply a valid token below. Click here to go to the Barracuda SecureEdge service to generate your gateway token.**

Token \* ⓘ

9. Click **Next : Review + create**.

10. The **Review + create** blade opens.

11. Verify the values are correct, and select the check box next to **I agree to the terms and conditions above**.

#### Co-Admin Access Permission

By checking the box and clicking "Create" I give permission for the template provider referenced above (the "Provider") to have Administrative-level access to one or more Azure resources in order to provide support and management services for the template. In the event of an issue arising from a Provider's services or failure to provide services, your sole recourse is with the Provider. Unless Microsoft is the Provider, Microsoft (i) does not approve, monitor or manage the Provider's access, and (ii) bears no responsibility whatsoever for acts or omissions of a Provider.

I agree to the terms and conditions above. \*

#### Basics

Subscription	NetSec-cust2
Resource group	Campus_Cloud
Region	West Europe
Application Name	CampusGWApp
Managed Resource Group Name	mrg-barracuda_cloudgenwan_gateway-20240103152744

#### Edge Service for Virtual WAN

Virtual WAN hub	doc-wan-hub
NVA infrastructure scale unit	2 Scale Units - 1.0 Gbps
Token	52992bea000b136ddb04b78cc1eb157e

12. Click **Create**.

After the deployment is finished, the Edge Service automatically appears in the Cloud UI. This might take up to 20 minutes.

### Step 3. (Optional) Verify that the Edge Service is Available in SecureEdge Manager

1. Go to <https://se.barracudanetworks.com> and log in with your existing Barracuda Cloud Control account.
2. Select the workspace containing your Edge Service.
3. In the left menu, click the **Infrastructure** icon, and select **Edge Services**.

All Edge Services deployed in the selected workspace should be displayed.

Demo Enterprises Inc/Production  
Infrastructure > Edge Services New Edge Service

Add filter Edit columns

	NAME	TYPE	UPSTREAM	LOCATION	CONNECTION STATUS	SIZE	SITES	
✓	Australia	Production	AustraliaCentral2	Australia Central 2	Online	20 Scale Units - 10.0 Gbps	3	⬇️ ⬇️ ⬆️
✓	Austria	Private Edge	(None)		Online	T600D (HA)	5	⬇️ ⬇️ ⬆️
✓	Brazil	Production	BrazilSouth	Brazil South	Online	20 Scale Units - 10.0 Gbps	3	⬇️ ⬇️ ⬆️
⚠️	EuropeWest-Offline	Edge Service	(None)	West Europe	Offline	50 Mbps	1	⬇️ ⬇️ ⬆️
✓	India	Edge Service	(None)	Central India	Online	1000 Mbps	2	⬇️ ⬇️ ⬆️
✓	Singapore	Private Edge	(None)		Online	VT5000 (HA)	1	⬇️ ⬇️ ⬆️
✓	SouthAfrica	Edge Service	(None)	South Africa North	Online	100 Mbps	1	⬇️ ⬇️ ⬆️
✓	UnitedArabEmirates	Edge Service	(None)	UAE North	Online	200 Mbps	1	⬇️ ⬇️ ⬆️
✓	UnitedKingdom	Edge Service	(None)	UK South	Online	200 Mbps	5	⬇️ ⬇️ ⬆️
✓	UnitedStates	Production	NorthAmerica	West US	Online	20 Scale Units - 10.0 Gbps	4	⬇️ ⬇️ ⬆️

## Next Steps

[How to Create a T/VT Site Configuration in Barracuda SecureEdge](#)

## Figures

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3. vWAN-NewEdgeServices.png
4. es\_token.png
5. EdgeService\_for\_virtualWAN.png
6. Create\_EdgeService\_for\_vWAN.png
7. Basic\_EdgeService.png
8. SE-EdgeService\_for\_vWAN.png
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