

How to Create a Microsoft Azure Virtual WAN

https://campus.barracuda.com/doc/98223576/

Barracuda SecureEdge supports multiple Microsoft Azure Virtual WANs. Microsoft's Azure Virtual WAN technology allows fast, secure, and uninterrupted network availability to both your cloud-hosted or hybrid data center and your branch offices through Microsoft's global network. Follow the steps below to create a Virtual WAN with a hub in Microsoft Azure.

Before You Begin

• Create a Microsoft Azure account.

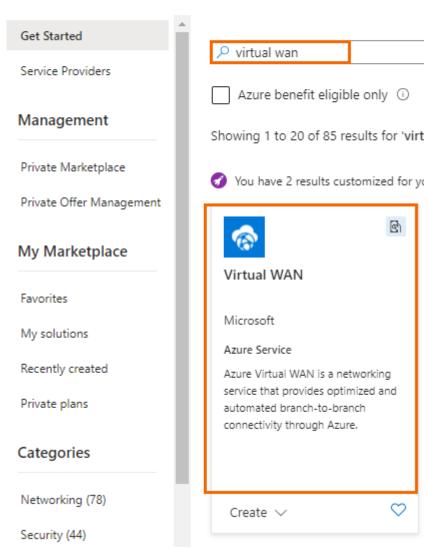
Step 1. Create a Microsoft Azure Virtual WAN

- 1. Log into the Azure portal: https://portal.azure.com
- 2. In the left menu, click Create a resource and search for Virtual WAN.
- 3. Click Virtual WAN.



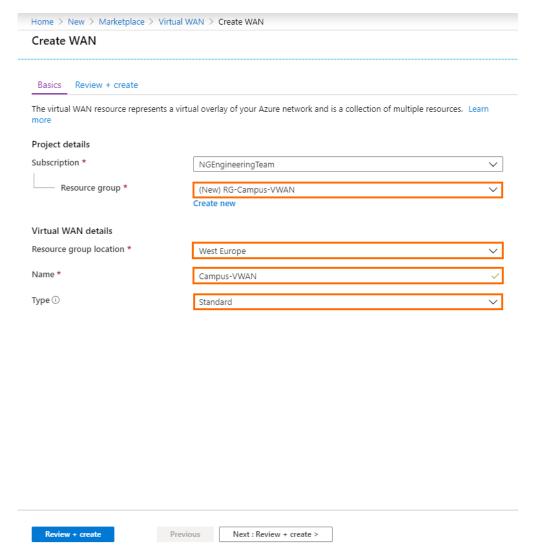
Home > Create a resource >

Marketplace



- 4. In the next blade, click **Create**.
- 5. In the **Create WAN** blade, specify values for the following:
 - Resource Group Select an existing resource group from the drop-down menu, or create a new one.
 - **Resource group location** Select the region of the Virtual WAN, e.g., West Europe.
 - **Name** Enter a name for your Virtual WAN. The Virtual WAN will be displayed with this name in the SecureEdge user interface.
 - **Type** Select **Standard**.





- 6. Click Review + Create.
- 7. Click **Create** to finish Virtual WAN creation.

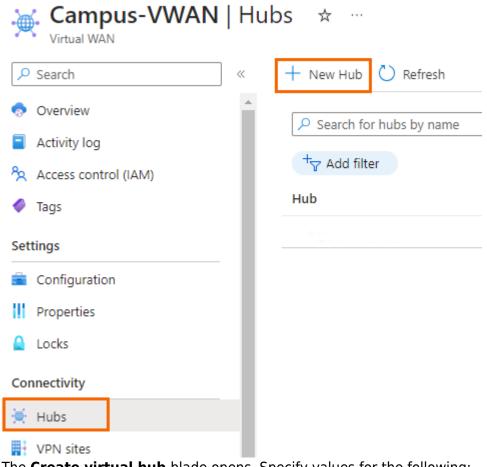
Step 2. Create a Hub in Your Microsoft Azure Virtual WAN

Create a hub in each region where you want to use Barracuda SecureEdge.

- 1. Log into the Azure portal: https://portal.azure.com
- 2. In the left menu, click **All services** and search for **Resource groups**.
- 3. Click on the resource group your vWAN is attached to. See Step 1.
- 4. Click on your vWAN created in Step 1.
- 5. On the left side, click Hubs.
- 6. In the next blade, click + New Hub.



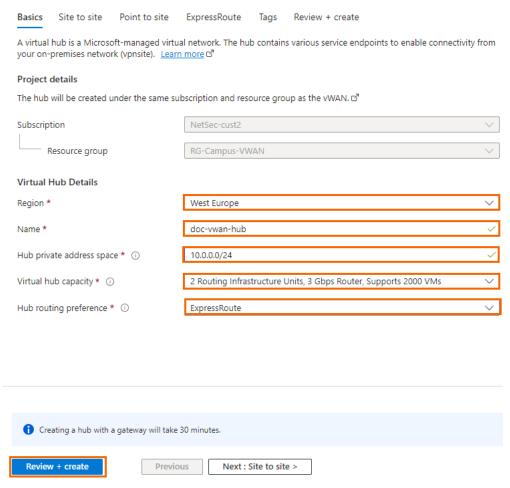
Home > RG-Campus-VWAN > Campus-VWAN



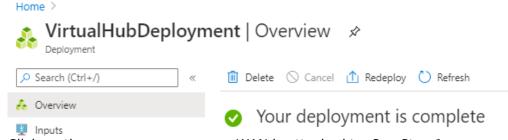
- 7. The **Create virtual hub** blade opens. Specify values for the following:
 - **Region** Select a region from the drop-down list, e.g., **West Europe**.
 - Name Enter a name for the hub, e.g., doc-vwan-hub.
 - **Hub private address space** Enter the hub's address range in CIDR, e.g., 10.0.0.0/24 . Select a unique network that is dedicated for the hub only.
 - **Virtual hub capacity** Select the virtual hub capacity according to your requirements.
 - Hub routing preference Select the hub routing preference, e.g., ExpressRoute. Note that ExpressRoute is the default setting but can be changed depending on your requirements.



Create virtual hub



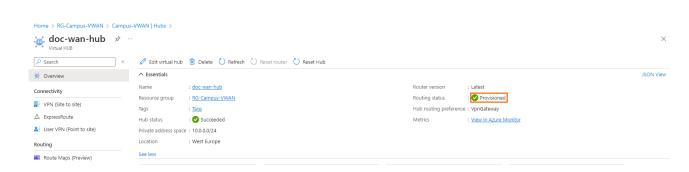
- 8. Click Review + create.
- 9. Review your settings and click **Create** to start the creation of the hub.
- 10. After the hub deployment succeeds, click **All services** in the left menu and search for **Resource groups**.



- 11. Click on the resource group your vWAN is attached to. See Step 1.
- 12. Click on your vWAN created in Step 1.
- 13. On the left side, click **Hubs**.
- 14. Click on the hub you just created.
- 15. Wait until the routing status becomes green and Provisioned is displayed.

Barracuda SecureEdge





Next Steps

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

Barracuda SecureEdge



Figures

- 1. vwan-marketplace.png
- 2. create_vwan_blade.png
- 3. new-hub.png
- 4. create_virtual_ hub.png
- 5. hub_suc.png
- 6. hub_succ_prov.png

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