How to Create a Microsoft Azure Virtual WAN

https://campus.barracuda.com/doc/93194265/

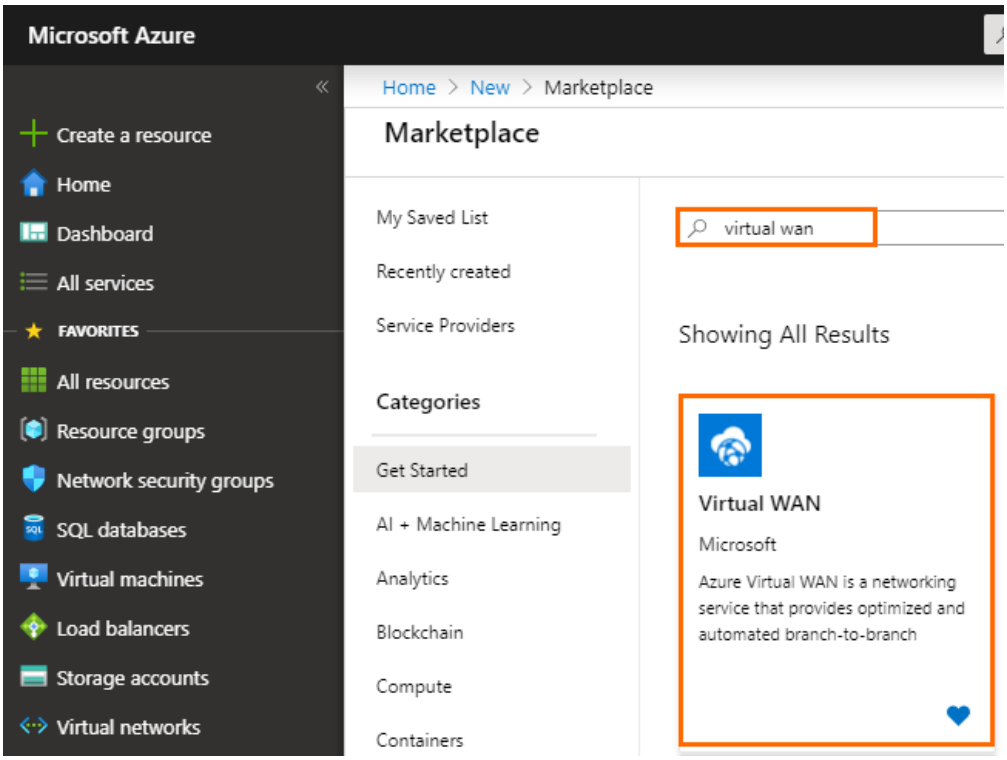
Barracuda CloudGen WAN supports multiple Microsoft Azure Virtual WANs. Microsoft's Azure Virtual WAN technology allows fast, secure, and uninterrupted network availability to both your cloud-hosted or hybrid data center and your branch offices through Microsoft's global network. Follow the steps below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

Before You Begin

- Create a Microsoft Azure account.

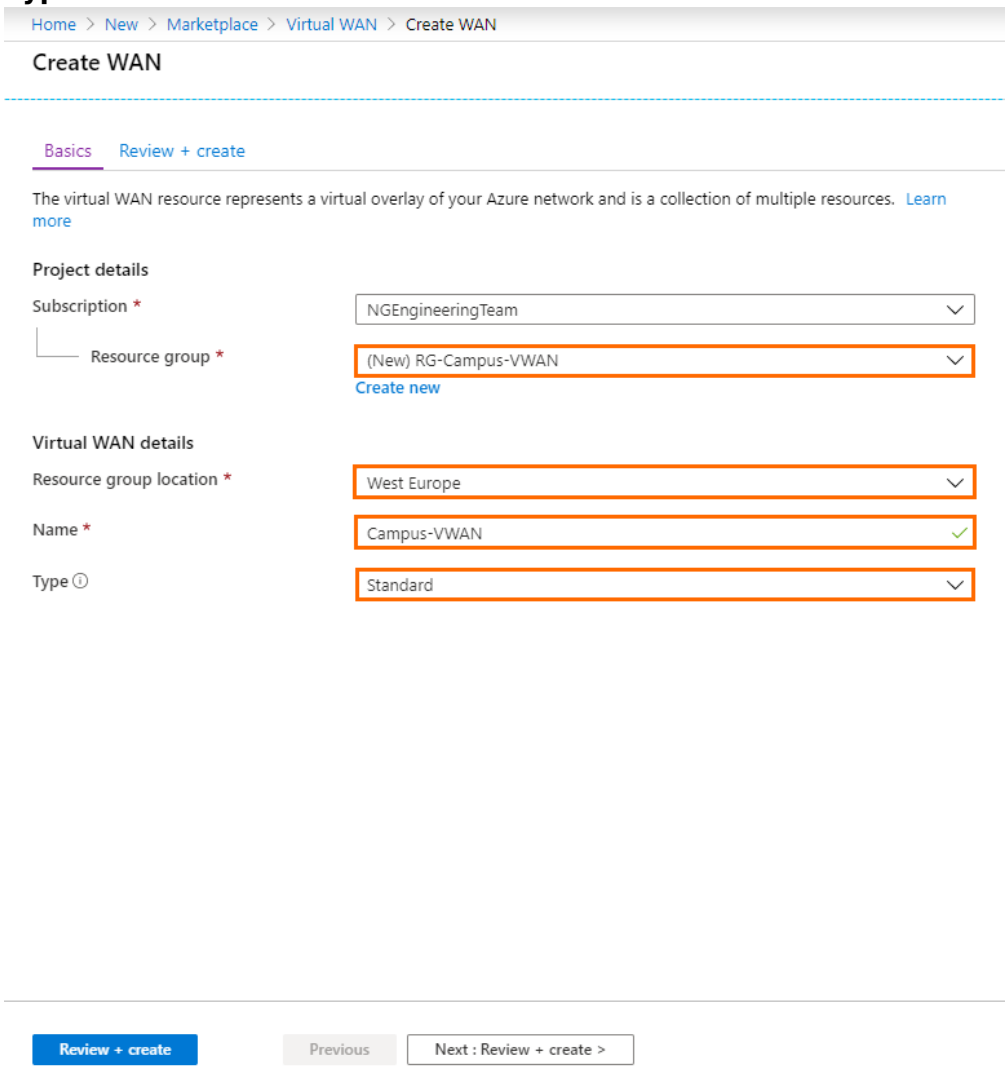
Step 1. Create a Microsoft Azure Virtual WAN

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**.



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 CloudGen WAN user interface.
- **Type** – Select **Standard.**



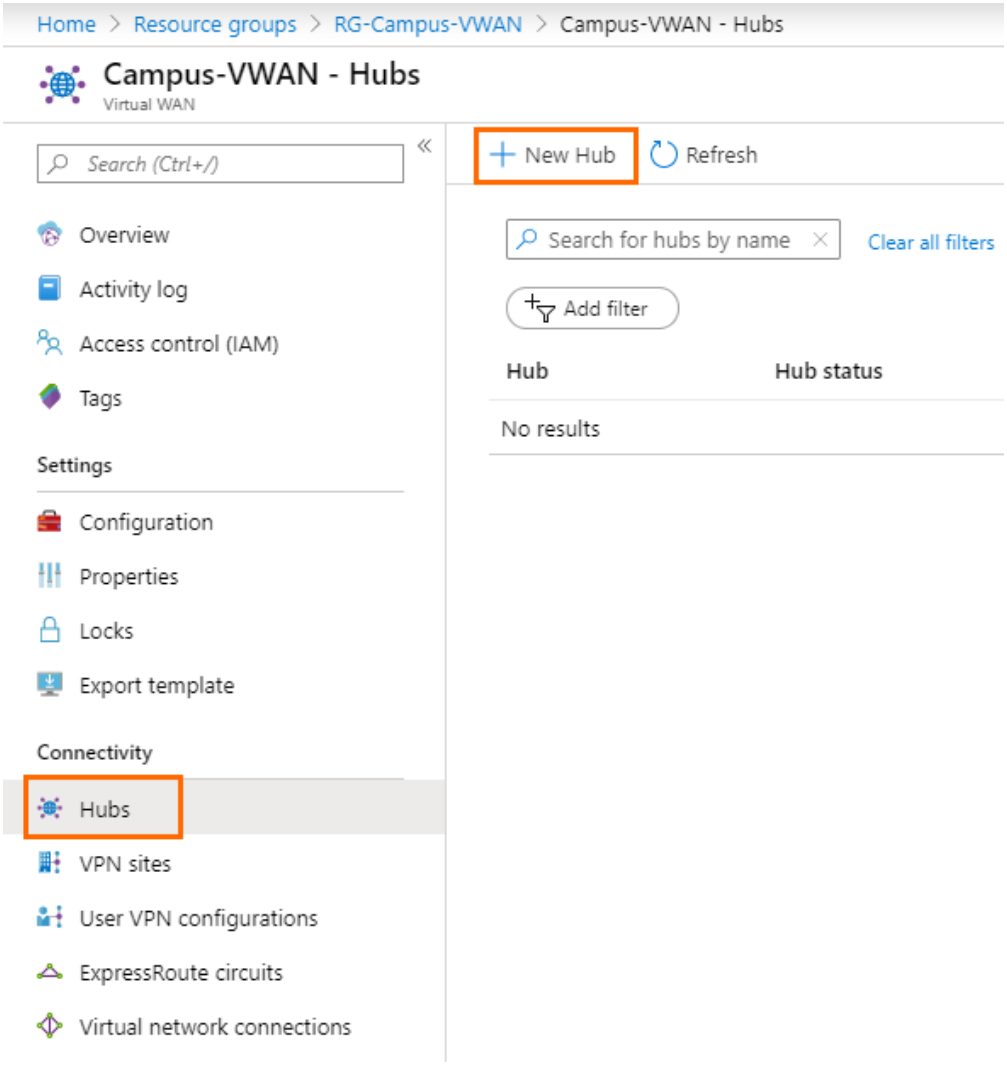
6. Click **Review + Create**.
7. Click **Create** to finish Virtual WAN creation.

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

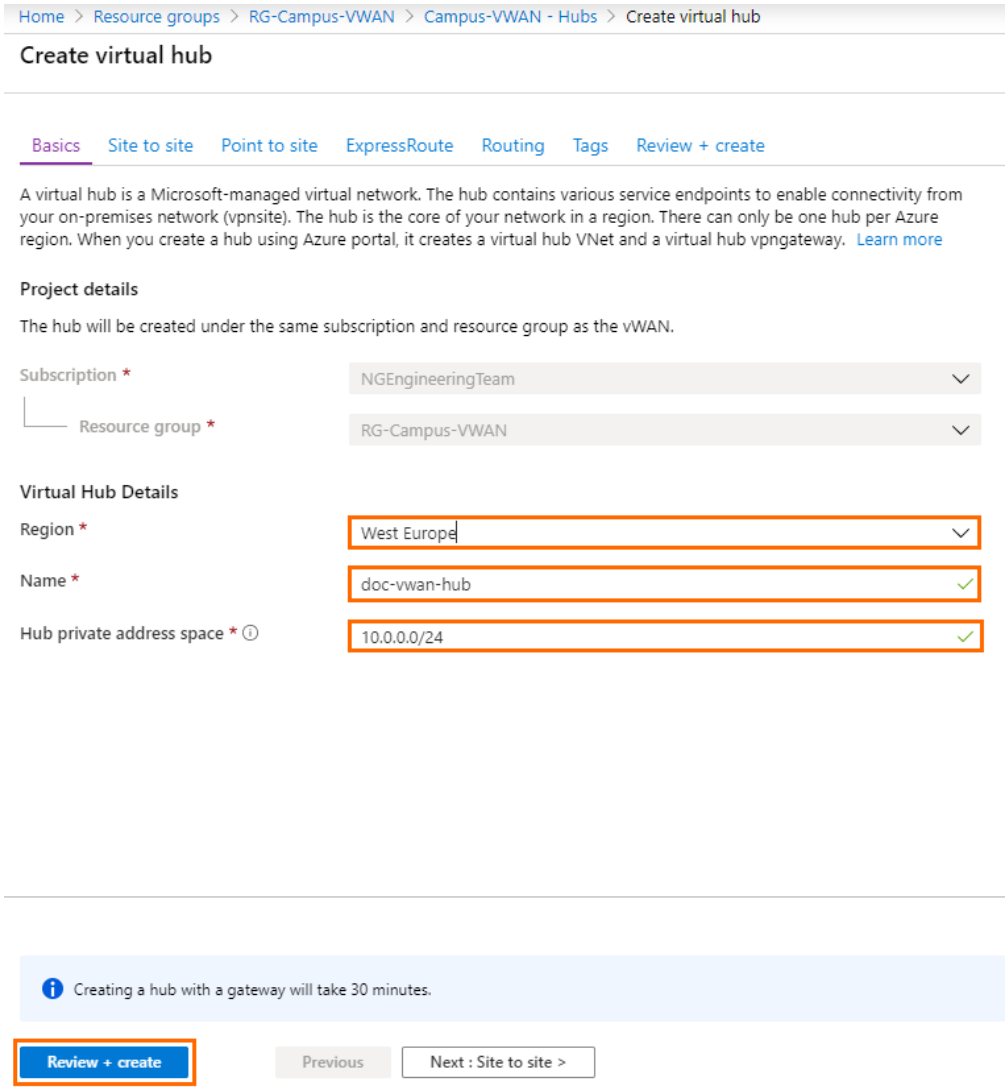
Create a hub in each region where you want to use Barracuda CloudGen WAN.

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.

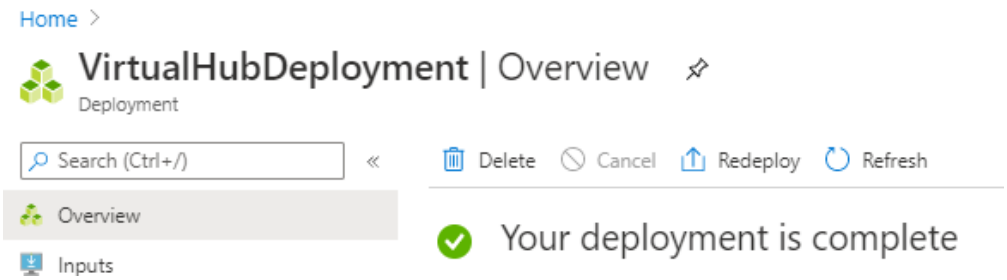
5. On the left side, click **Hubs**.
6. In the next blade, click **+ New Hub**.



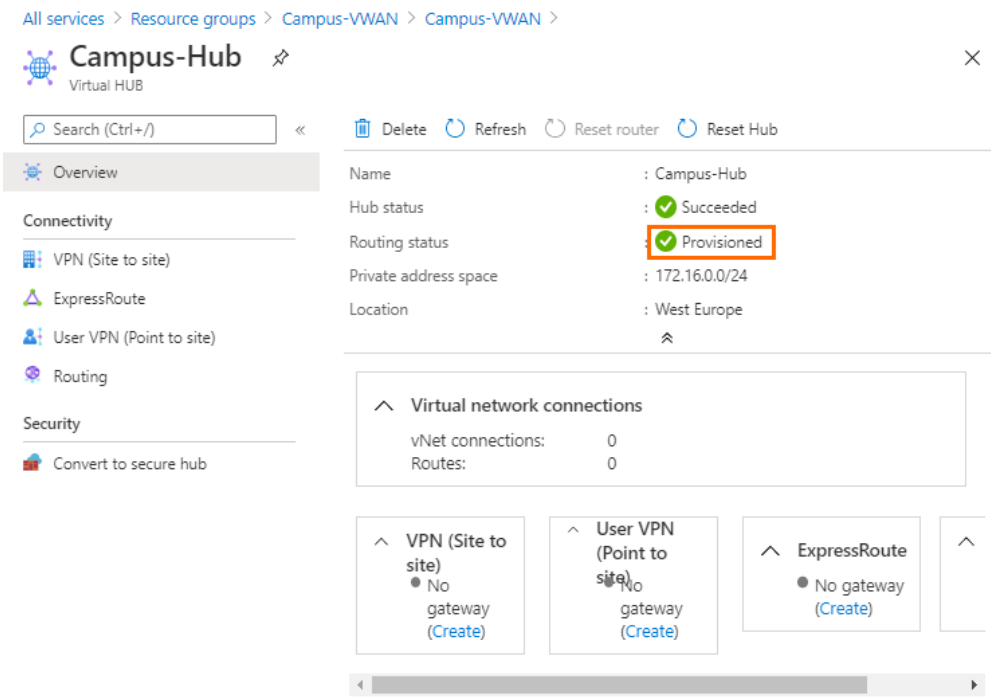
7. The **Create virtual hub** blade opens. Specify values for the following:
   - **Region** – Select a region from the drop-down menu, e.g., **West Europe.**
   - **Name** – Enter a name for the hub, e.g., `doc-vwan-hub.`
   - **Hub private address space** – Enter the hub's address range in CIDR, e.g., `10.0.0.0/24` . Select a unique network that is dedicated for the hub only.



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.



Next Steps

[How to Create a Barracuda CloudGen WAN Gateway in Microsoft Azure]

Figures

1. marketplace_vwan1.png
2. create_vwan_blade.png
3. create_hubs_1.png
4. create_hub2.png
5. hub_suc.png
6. hub_prov.png

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