

## Deployment

<https://campus.barracuda.com/doc/91980640/>

You can deploy multiple Microsoft Azure Virtual WANs (e.g., production and testing) with multiple Barracuda CloudGen WAN gateways and multiple sites connected to each gateway. Each site is connected to the Barracuda CloudGen WAN gateway using TINA, the Barracuda VPN protocol. TINA is a proprietary extension of the IPsec protocol developed to improve VPN connectivity and availability over the standard IPsec protocol and uses AES256 cipher for the VPN encryption. Barracuda CloudGen WAN uses BGP for routing.

**Barracuda CloudGen WAN™** Production My production workspace guest@barracuda.com Demo Enterprises Inc.

DASHBOARD GATEWAYS SITES USERS CUSTOM APPS SD-WAN SECURITY AUDIT LOG SETTINGS

### Gateways

ADD FILTER GENERATE TOKEN

NAME	HUB	REGION	CONNECTION STATUS	SCALE UNIT	SITES
Australia	AustraliaCentral2	Australia Central 2	Online	20 Scale Units - 10.0 Gbps	3
Austria	Europe	West Europe	Online	2 Scale Units - 1.0 Gbps	2
Brazil	BrazilSouth	Brazil South	Online	20 Scale Units - 10.0 Gbps	3
India	SouthAsia	Central India	Online	2 Scale Units - 1.0 Gbps	2
Japan-Offline	Japan	Japan East	Offline	4 Scale Units - 2.0 Gbps	1
Singapore	SouthEastAsia	South East Asia	Online	4 Scale Units - 2.0 Gbps	1
South Africa	SouthAfricaNorth	South Africa North	Online	10 Scale Units - 5.0 Gbps	1
UnitedArabEmirates	UAENorth	UAE North	Online	4 Scale Units - 2.0 Gbps	1
UnitedKingdom	WesternEurope	UK South	Online	4 Scale Units - 2.0 Gbps	3
UnitedStates	NorthAmerica	West US	Online	20 Scale Units - 10.0 Gbps	4

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In the Barracuda CloudGen WAN user interface, you can easily switch between the virtual WANs and display the CloudGen WAN gateways for each virtual WAN and number of connected sites. To switch between the virtual WANs, click on the name assigned to the virtual WAN during deployment.

- Create a [Microsoft Azure account](#).
- Create a Barracuda Cloud Control Account. For more information, see [Create a Barracuda Cloud Control Account](#).
- Subscribe to the Barracuda CloudGen WAN service in Microsoft Azure if you are using Barracuda CloudGen WAN for the first time. For more information, see Step 1 of [Getting Started](#).

## Reserved Subnet and ASN Number

Since Barracuda CloudGen WAN uses the following subnet and ASN numbers, do not use them in your network:

- Subnet 169.254.128.0/24
- ASN numbers 65000 - 65199

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## Further Information

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- [How to Create a Microsoft Azure Virtual WAN](#)
- [How to Create a Barracuda CloudGen WAN Gateway in Microsoft Azure](#)
- [How to Create a Site Configuration in Barracuda CloudGen WAN](#)
- [Hardware Deployment](#)
- [Hardware Models](#)
- For information on virtual deployment and virtual models, see [Virtual Systems \(VTx\) Deployment](#).

## Figures

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