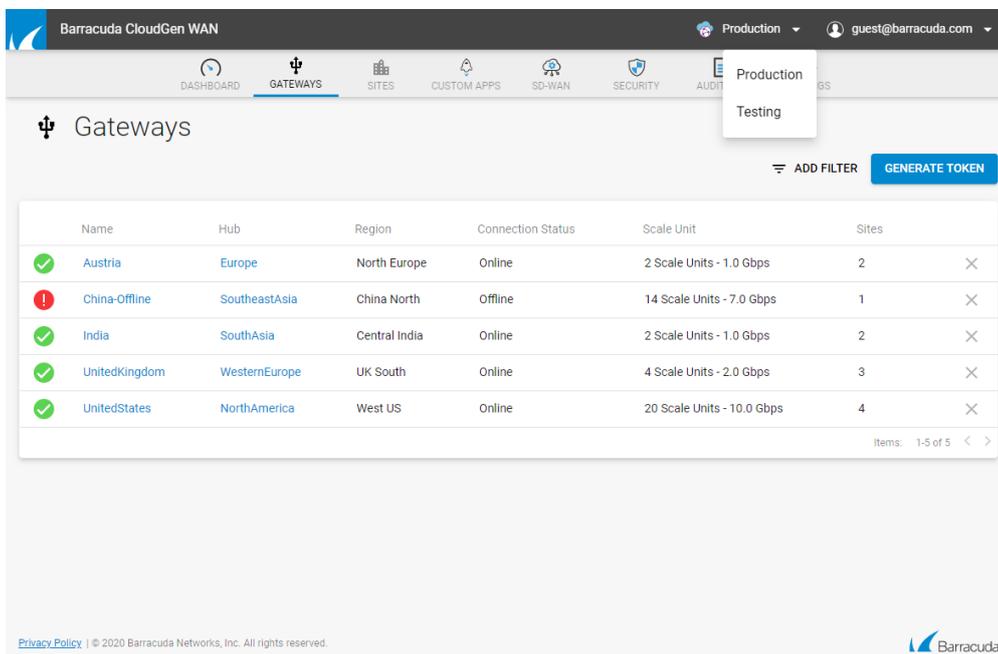


Deployment

<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.



| Name | Hub | Region | Connection Status | Scale Unit | Sites |
|---|---------------|---------------|-------------------|----------------------------|-------|
|  Austria | Europe | North Europe | Online | 2 Scale Units - 1.0 Gbps | 2 |
|  China-Offline | SoutheastAsia | China North | Offline | 14 Scale Units - 7.0 Gbps | 1 |
|  India | SouthAsia | Central India | Online | 2 Scale Units - 1.0 Gbps | 2 |
|  UnitedKingdom | WesternEurope | UK South | Online | 4 Scale Units - 2.0 Gbps | 3 |
|  UnitedStates | NorthAmerica | West US | Online | 20 Scale Units - 10.0 Gbps | 4 |

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.

Before You Begin

- 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

Further Information

- [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

1. overview.png

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