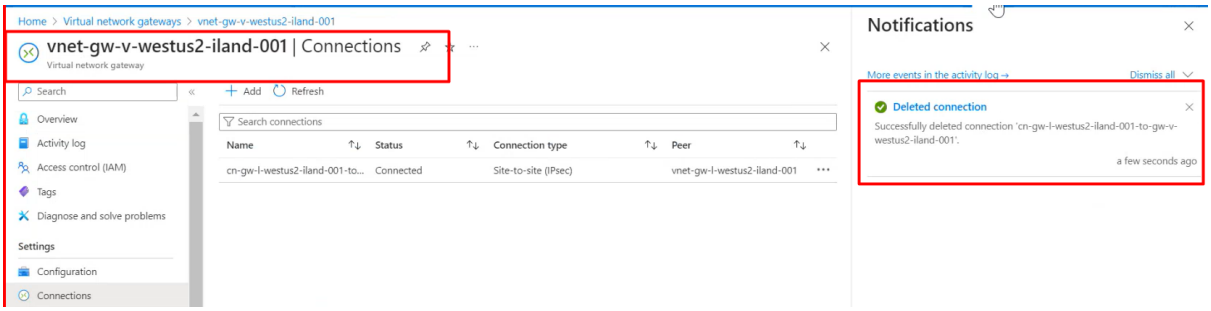
Upgrading a basic public IP address to Standard SKU_aacn.org

Prepared By:
--Vatsal Patel
--Yash Shah

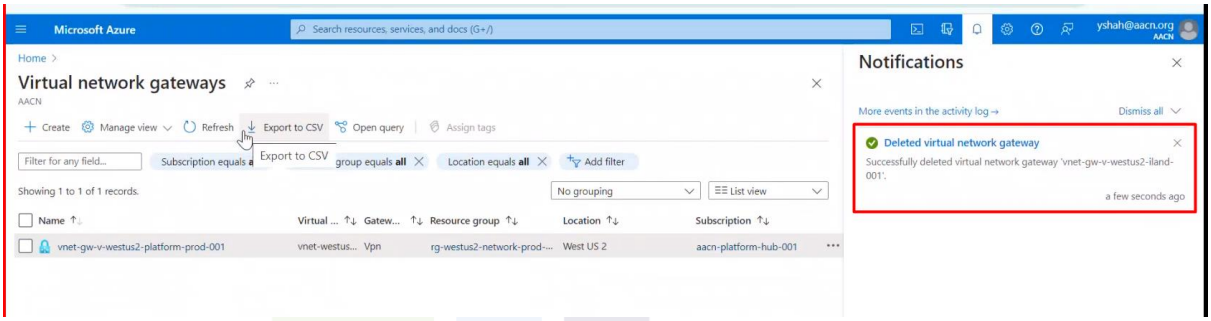
- Need to upgrade Public IP address SKU from Basic to Standard as azure has retired basic SKU.
- As of now we have Dynamic IP address so we are not able to change in to static, so we have to delete the exiting IP address (We can upgrade the IP address SKU if we have a static IP address).
- For that we have to delete current public IP address, virtual network gateway and connection for site-to-site tunnel and create a new Virtual network gateway, IP address and Connection.

1. Deleted virtual network gateway for Iland:

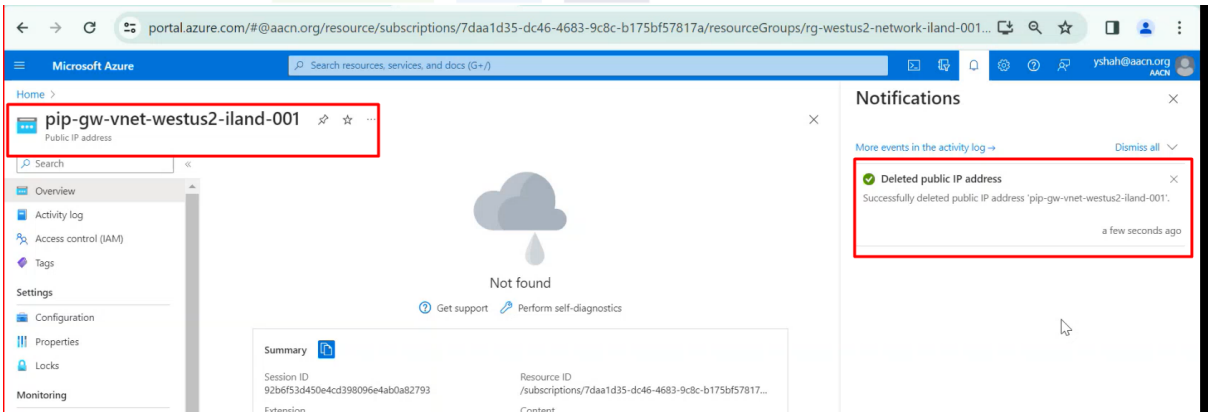
   a. First, we have deleted connection:



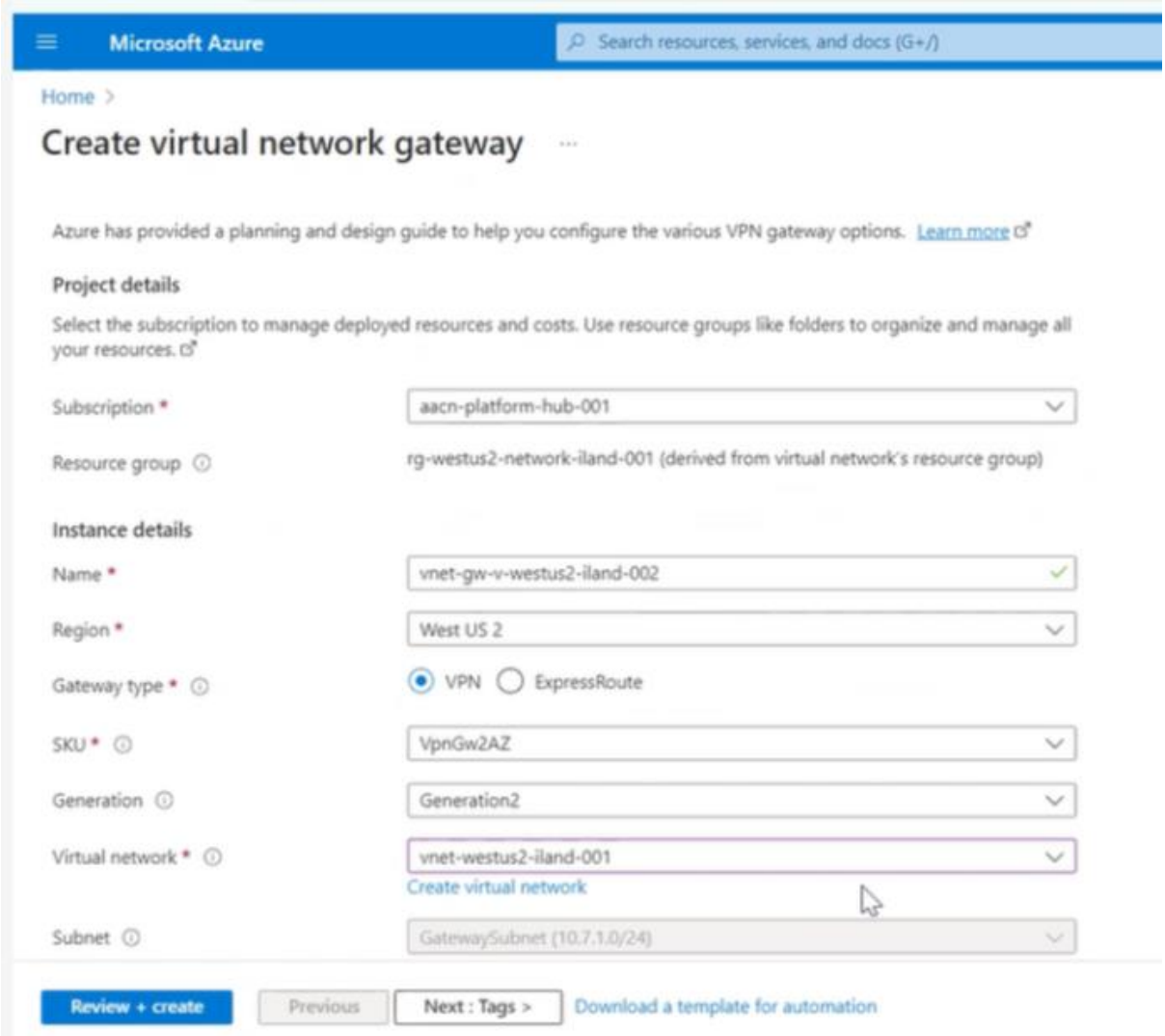
   b. Deleted virtual network gateway:

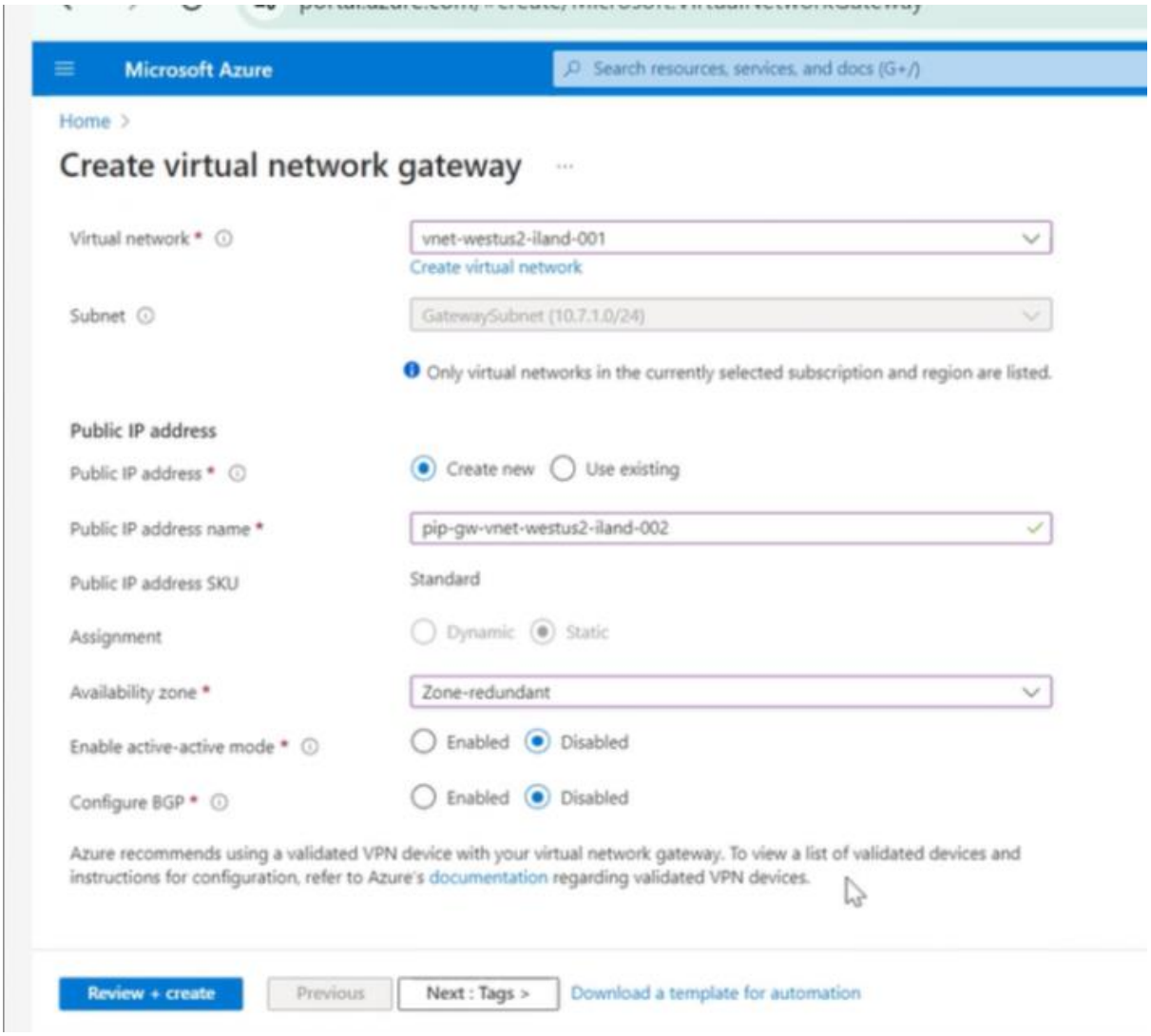


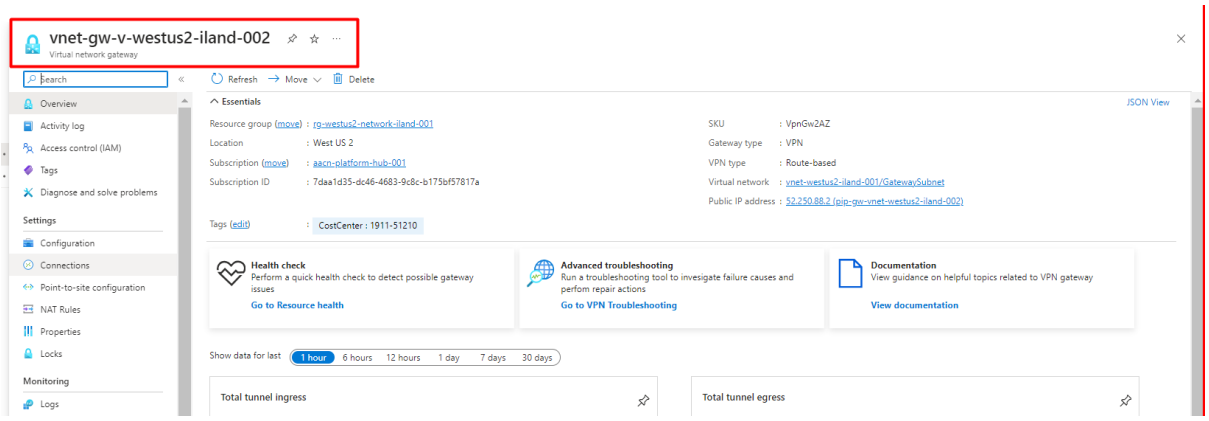
   c. Deleted Public IP address:



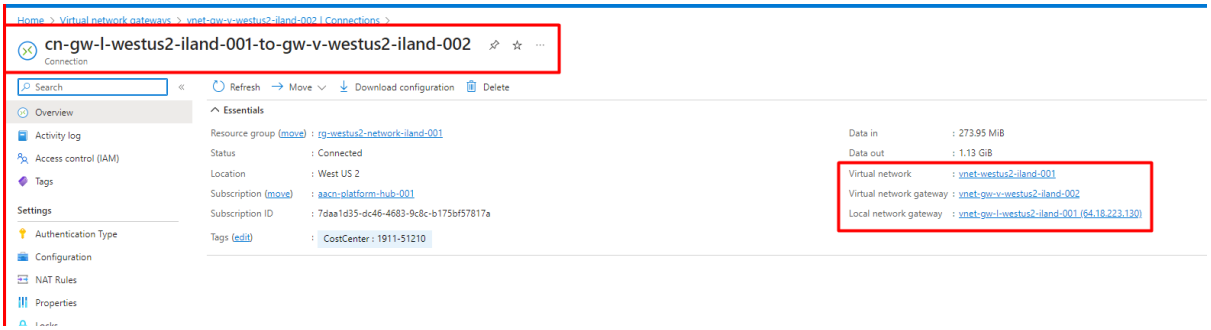
2. Created new Virtual network gateway:




Microsoft Azure
Search resources, services, and docs (G+/)
Home
Create virtual network gateway
Virtual network *
vnet-westus2-iland-001
Create virtual network
Subnet
GatewaySubnet (10.7.1.0/24)
Only virtual networks in the currently selected subscription and region are listed.
Public IP address
Public IP address *
Create new
Use existing
Public IP address name *
pip-gw-vnet-westus2-iland-002
Public IP address SKU
Standard
Assignment
Dynamic
Static
Availability zone *
Zone-redundant
Enable active-active mode *
Enabled
Disabled
Configure BGP *
Enabled
Disabled
Azure recommends using a validated VPN device with your virtual network gateway. To view a list of validated devices and instructions for configuration, refer to Azure's documentation regarding validated VPN devices.
Review + create
Previous
Next : Tags >
Download a template for automation


vnet-gw-v-westus2-iland-002
Virtual network gateway
Search
Refresh
Move
Delete
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Configuration
Connections
Point-to-site configuration
NAT Rules
Properties
Locks
Monitoring
Logs
Essentials
JSON View
Resource group (move) : rg-westus2-network-iland-001
Location : West US 2
Subscription (move) : aacn-platform-hub-001
Subscription ID : 7daa1d35-dc46-4683-9c8c-b175bf57817a
SKU : VpnGw2AZ
Gateway type : VPN
VPN type : Route-based
Virtual network : vnet-westus2-iland-001/GatewaySubnet
Public IP address : 52.250.88.2 (pip-gw-vnet-westus2-iland-002)
Tags (edit) : CostCenter : 1911-51210
Health check
Perform a quick health check to detect possible gateway issues
Go to Resource health
Advanced troubleshooting
Run a troubleshooting tool to invesigate failure causes and perfom repair actions
Go to VPN Troubleshooting
Documentation
View guidance on helpful topics related to VPN gateway
View documentation
Show data for last
1 hour
6 hours
12 hours
1 day
7 days
30 days
Total tunnel ingress
Total tunnel egress

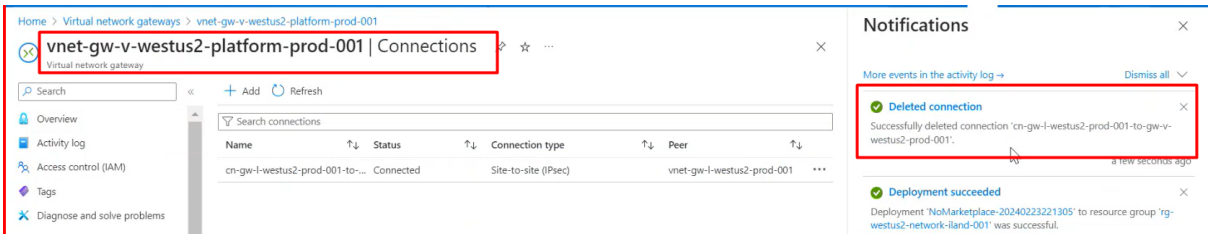
a. Created new connection:



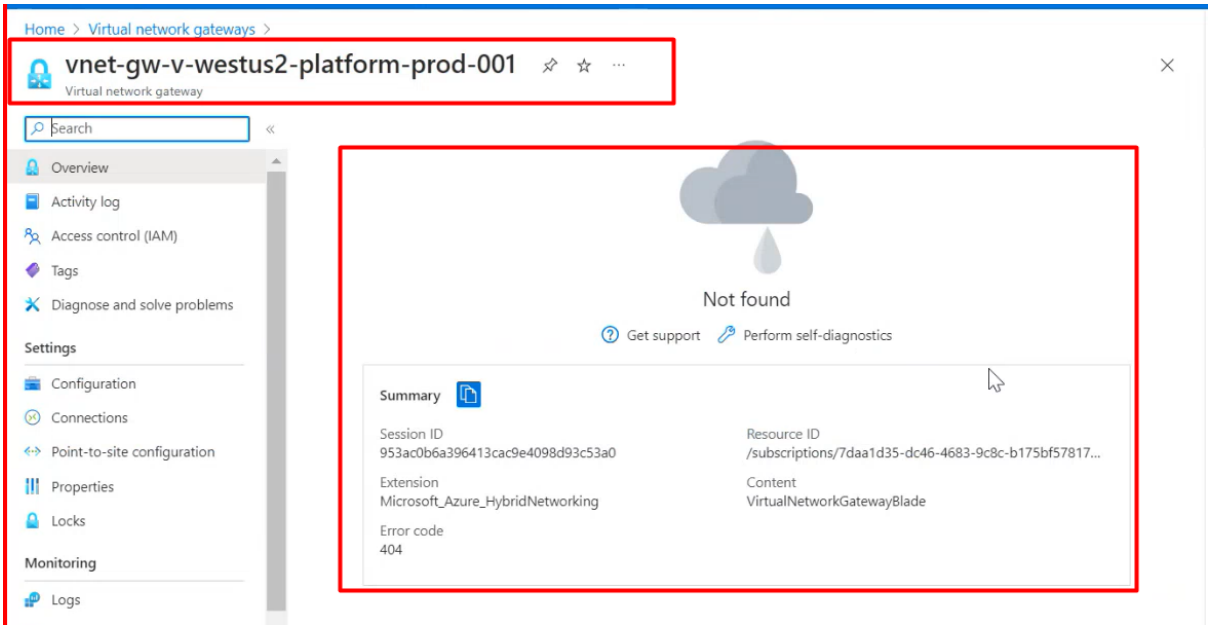
b. Iland Firewall configuration for IPSec tunnel:

3. Deleted virtual network gateway for On-prem:

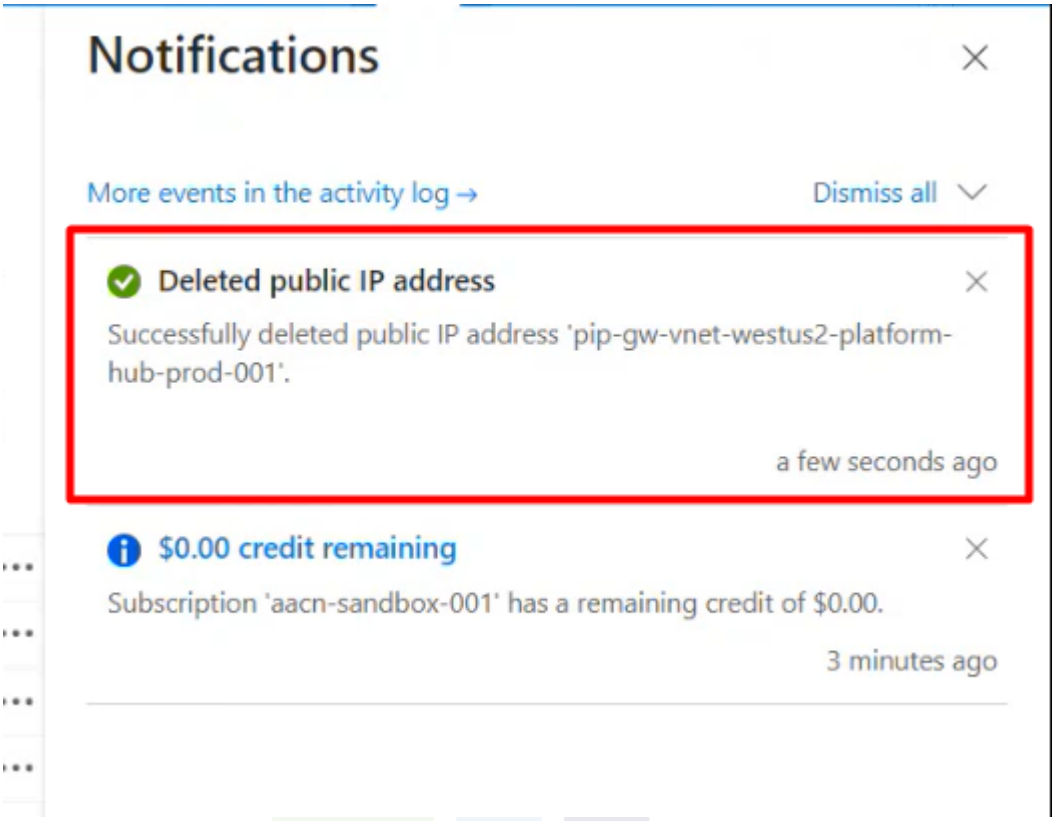
   d. First, we have deleted connection:



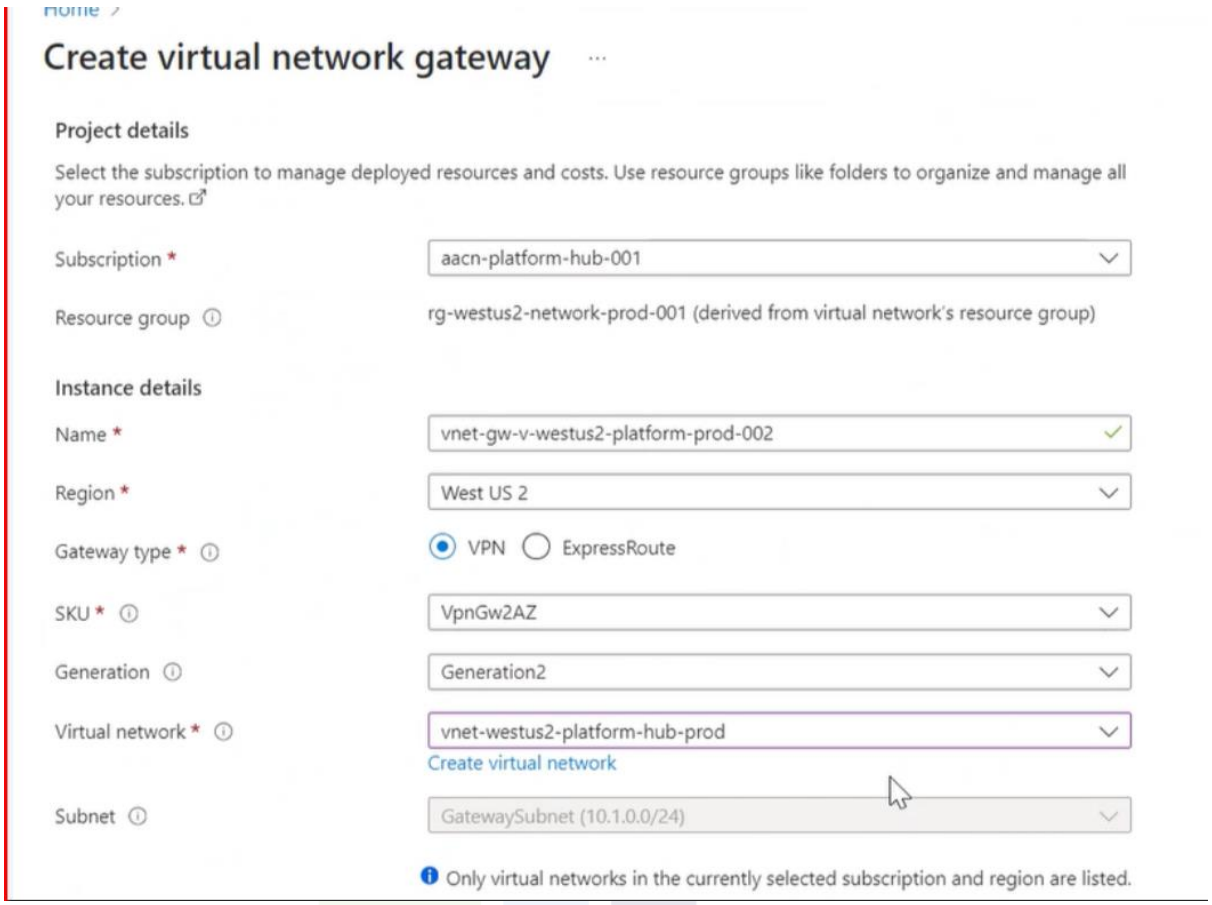
   e. Deleted virtual network gateway:

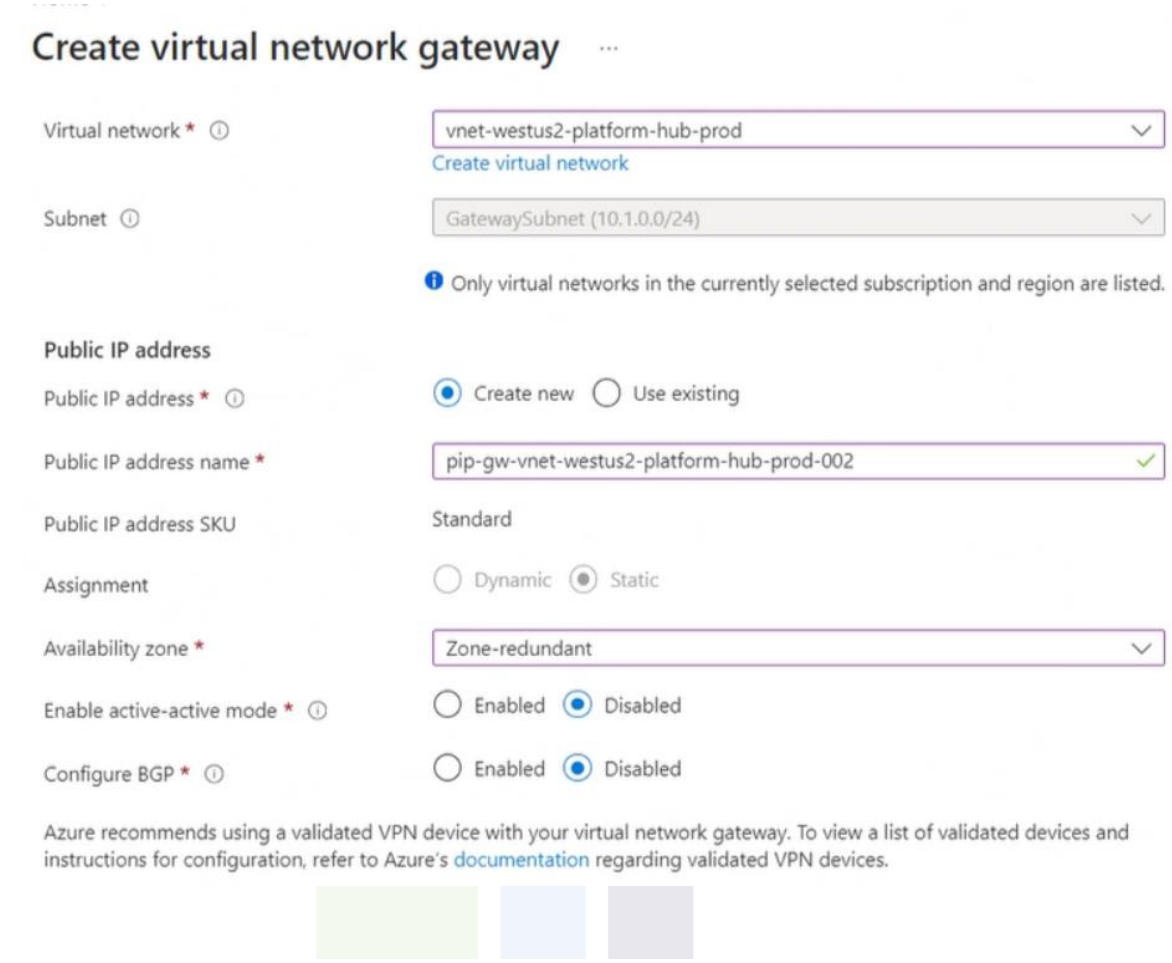


f. Deleted Public IP address:



4. Created new Virtual network gateway:




Create virtual network gateway
Virtual network *
vnet-westus2-platform-hub-prod
Create virtual network
Subnet
GatewaySubnet (10.1.0.0/24)
Only virtual networks in the currently selected subscription and region are listed.
Public IP address
Public IP address *
Create new
Use existing
Public IP address name *
pip-gw-vnet-westus2-platform-hub-prod-002
Public IP address SKU
Standard
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Dynamic
Static
Availability zone *
Zone-redundant
Enable active-active mode *
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Disabled
Configure BGP *
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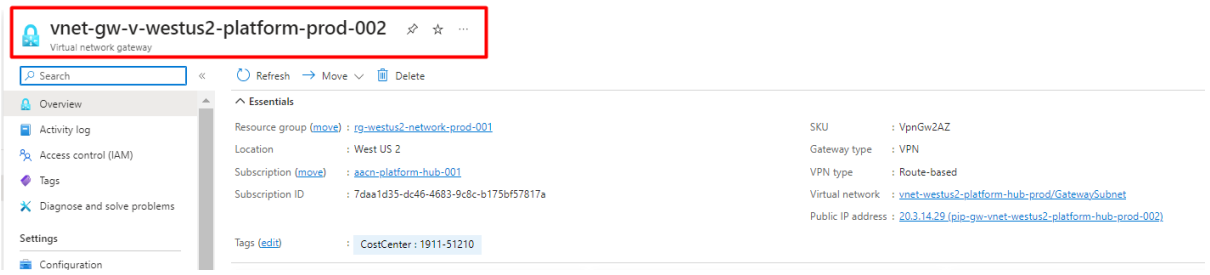
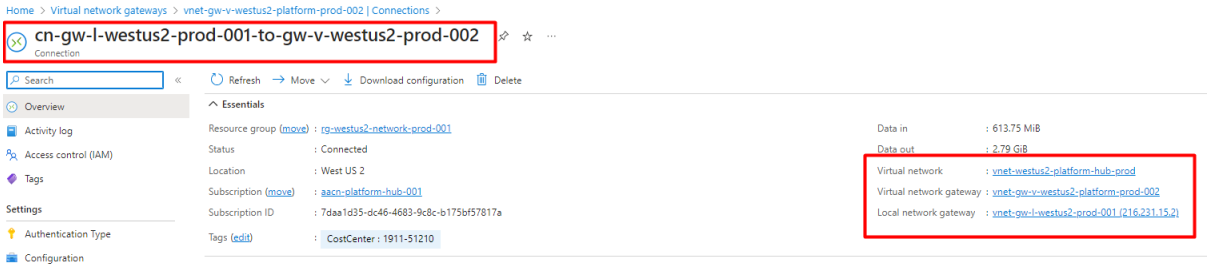
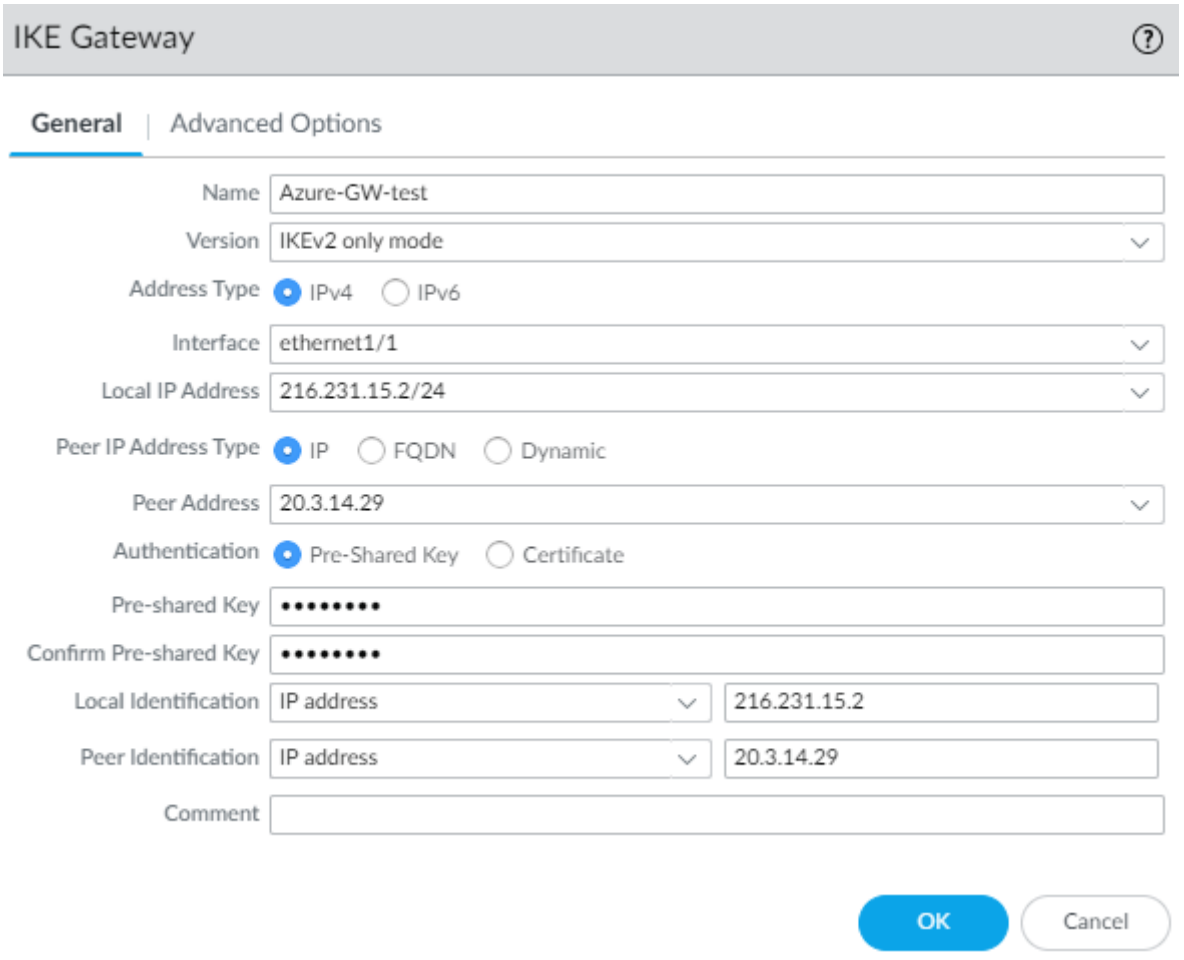

vnet-gw-v-westus2-platform-prod-002
Virtual network gateway
Search
Refresh
Move
Delete
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Configuration
Essentials
Resource group (move) : rg-westus2-network-prod-001
Location : West US 2
Subscription (move) : aacn-platform-hub-001
Subscription ID : 7daa1d35-dc46-4683-9c8c-b175bf57817a
Tags (edit) : CostCenter : 1911-51210
SKU : VpnGw2AZ
Gateway type : VPN
VPN type : Route-based
Virtual network : vnet-westus2-platform-hub-prod/GatewaySubnet
Public IP address : 20.3.14.29 (pip-gw-vnet-westus2-platform-hub-prod-002)

g. Created new connection:



h. On-prem Firewall configuration for IPSec tunnel: