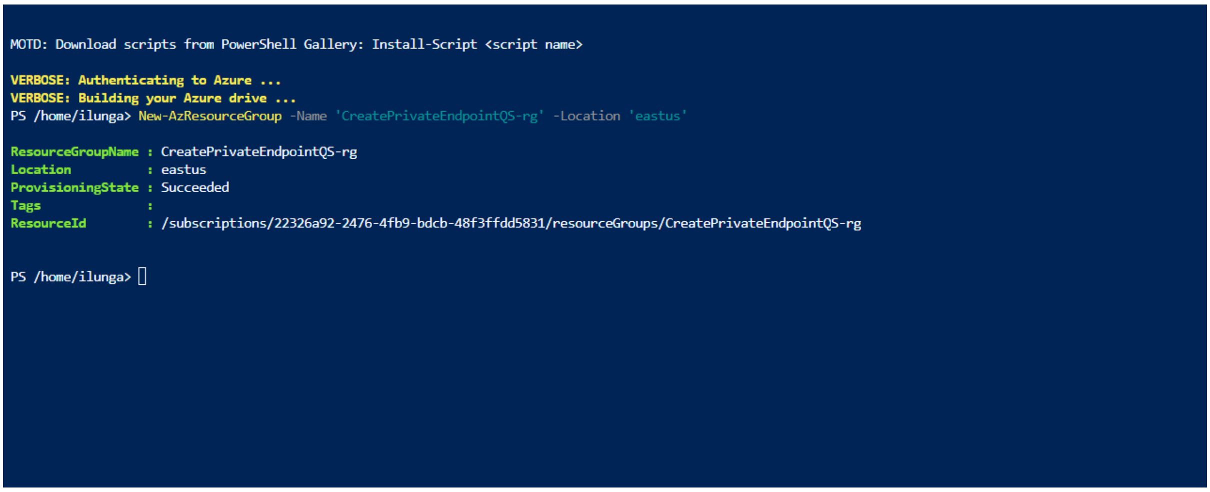
M07-Unit 6 Create an Azure private endpoint using Azure PowerShell

Task 1: Create a resource group and deploy the prerequisite web app

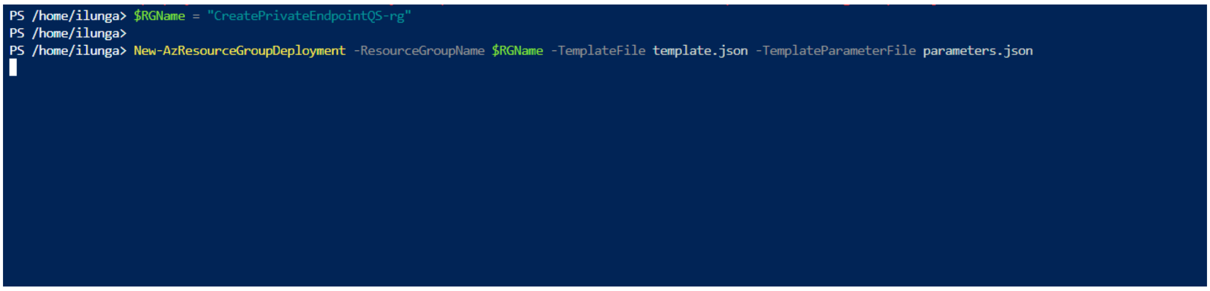
An Azure resource group is a logical container into which Azure resources are deployed and managed.

Create a resource group with New-AzResourceGroup:

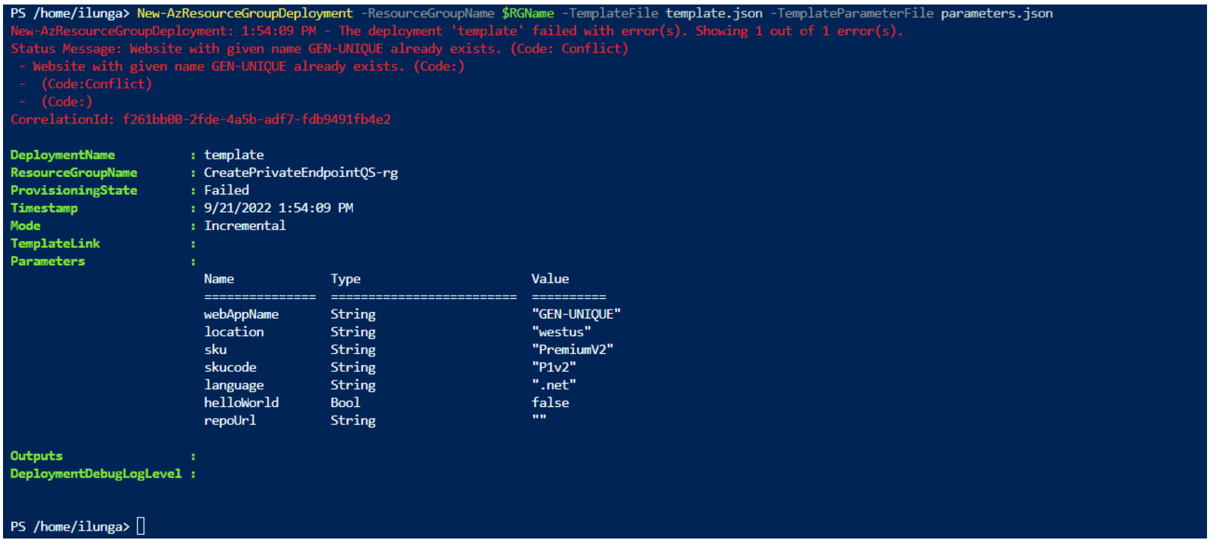


```
MOTD: Download scripts from PowerShell Gallery: Install-Script <script name>

VERBOSE: Authenticating to Azure ...
VERBOSE: Building your Azure drive ...
PS /home/ilunga> New-AzResourceGroup -Name 'CreatePrivateEndpointQS-rg' -Location 'eastus'

ResourceGroupName : CreatePrivateEndpointQS-rg
Location          : eastus
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg


PS /home/ilunga> 
```

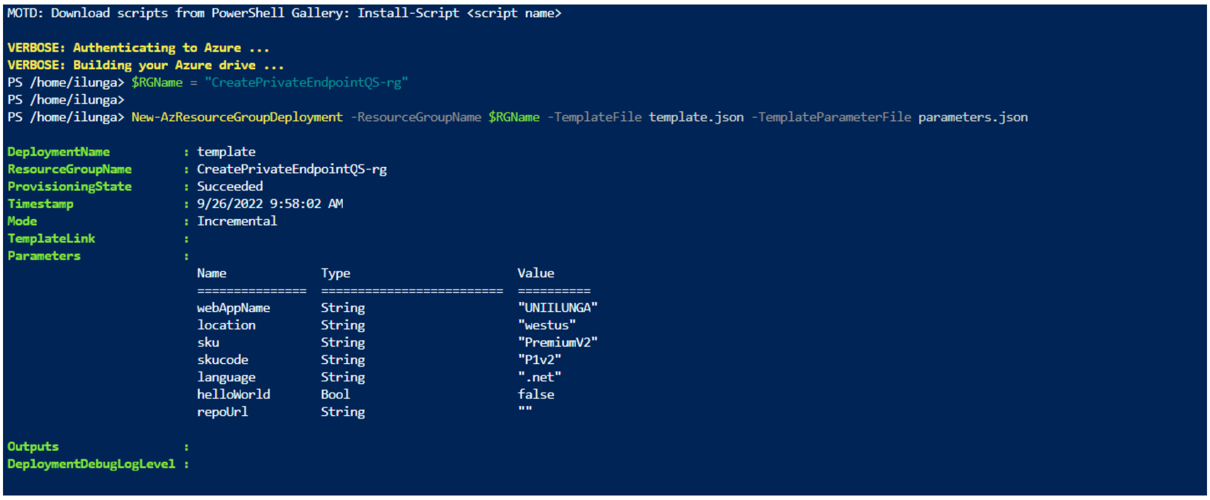
Deploy the following ARM templates to create the PremiumV2-tier Azure Web App needed for this exercise:



```
PS /home/ilunga> $RGName = "CreatePrivateEndpointQS-rg"
PS /home/ilunga>
PS /home/ilunga> New-AzResourceGroupDeployment -ResourceGroupName $RGName -TemplateFile template.json -TemplateParameterFile parameters.json
```



```
PS /home/ilunga> New-AzResourceGroupDeployment -ResourceGroupName $RGName -TemplateFile template.json -TemplateParameterFile parameters.json
New-AzResourceGroupDeployment: 1:54:09 PM - The deployment 'template' failed with error(s). Showing 1 out of 1 error(s).
Status Message: Website with given name GEN-UNIQUE already exists. (Code: Conflict)
 - Website with given name GEN-UNIQUE already exists. (Code:)
 -  (Code:Conflict)
 -  (Code:)
CorrelationId: f261bb00-2fde-4a5b-adf7-fdb9491fb4e2

DeploymentName          : template
ResourceGroupName       : CreatePrivateEndpointQS-rg
ProvisioningState       : Failed
Timestamp               : 9/21/2022 1:54:09 PM
Mode                    : Incremental
TemplateLink            :
Parameters              :
                          Name             Type                       Value
                          ===============  =========================  ==========
                          webAppName       String                     "GEN-UNIQUE"
                          location         String                     "westus"
                          sku              String                     "PremiumV2"
                          skucode          String                     "P1v2"
                          language         String                     ".net"
                          helloWorld       Bool                       false
                          repoUrl          String                     ""

Outputs                 :
DeploymentDebugLogLevel :


PS /home/ilunga> 
```



```
MOTD: Download scripts from PowerShell Gallery: Install-Script <script name>

VERBOSE: Authenticating to Azure ...
VERBOSE: Building your Azure drive ...
PS /home/ilunga> $RGName = "CreatePrivateEndpointQS-rg"
PS /home/ilunga>
PS /home/ilunga> New-AzResourceGroupDeployment -ResourceGroupName $RGName -TemplateFile template.json -TemplateParameterFile parameters.json

DeploymentName          : template
ResourceGroupName       : CreatePrivateEndpointQS-rg
ProvisioningState       : Succeeded
Timestamp               : 9/26/2022 9:58:02 AM
Mode                    : Incremental
TemplateLink            :
Parameters              :
                          Name             Type                       Value
                          ===============  =========================  ==========
                          webAppName       String                     "UNIILUNGA"
                          location         String                     "westus"
                          sku              String                     "PremiumV2"
                          skucode          String                     "P1v2"
                          language         String                     ".net"
                          helloWorld       Bool                       false
                          repoUrl          String                     ""

Outputs                 :
DeploymentDebugLogLevel :
```

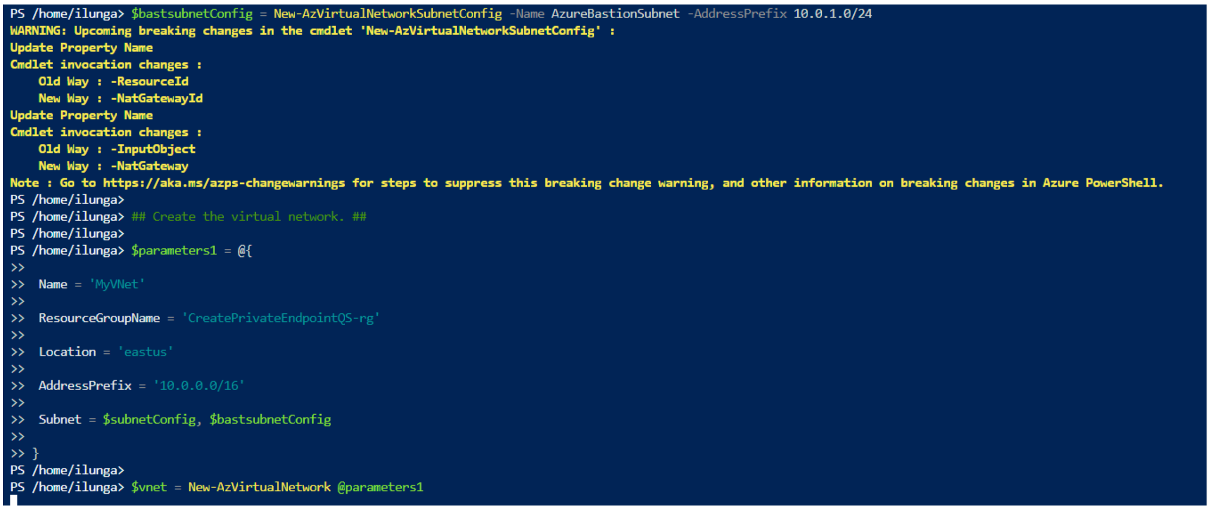
Task 2: Create a virtual network and bastion host

You'll create a virtual network, subnet, and bastion host.

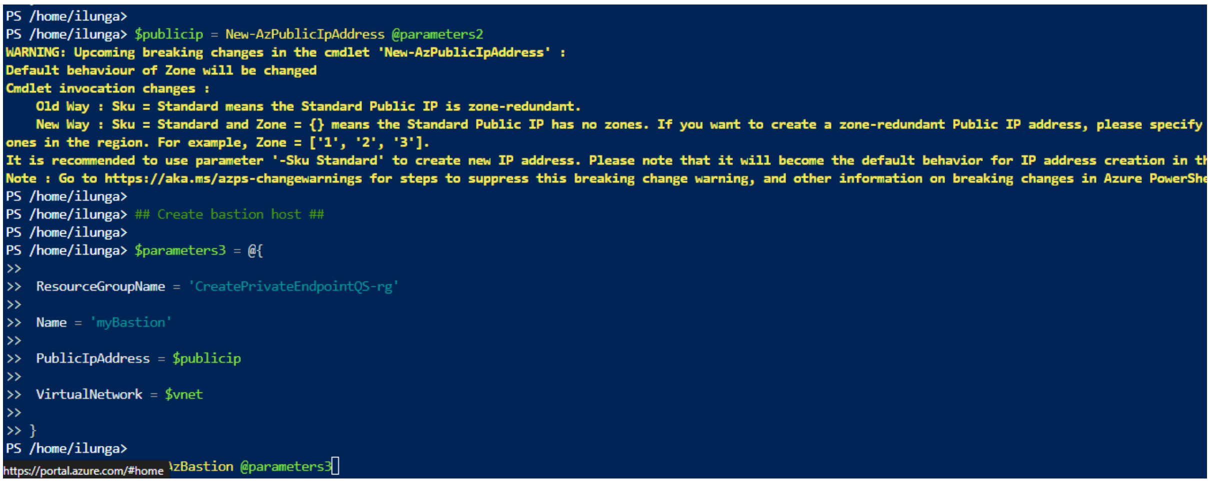
The bastion host will be used to connect securely to the virtual machine for testing the Private Endpoint.

Create a virtual network and bastion host with:

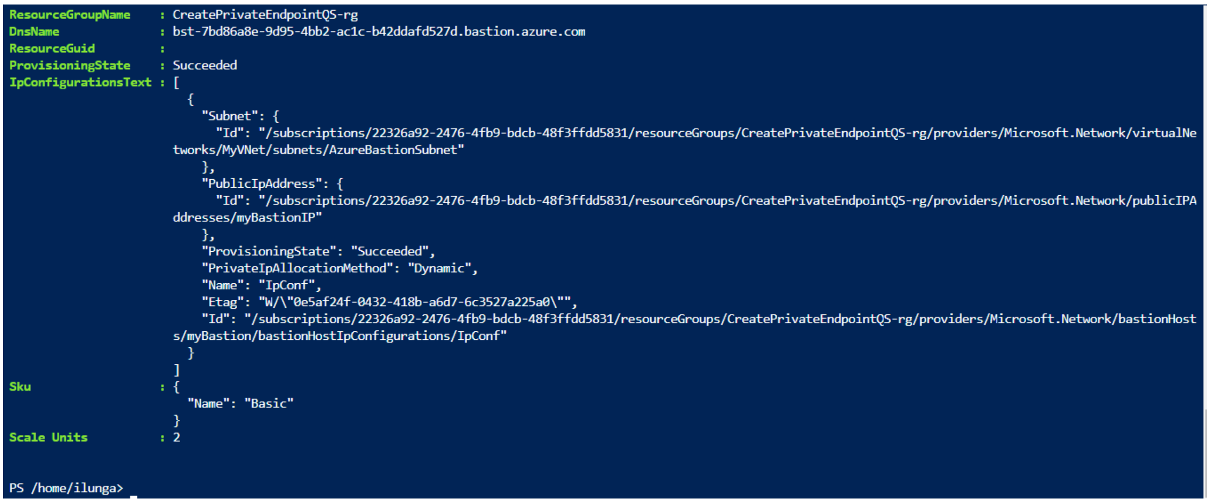
- New-AzVirtualNetwork
- New-AzPublicIpAddress
- New-AzBastion



```
PS /home/ilunga> $bastsubnetConfig = New-AzVirtualNetworkSubnetConfig -Name AzureBastionSubnet -AddressPrefix 10.0.1.0/24
WARNING: Upcoming breaking changes in the cmdlet 'New-AzVirtualNetworkSubnetConfig' :
Update Property Name
Cmdlet invocation changes :
    Old Way : -ResourceId
    New Way : -NatGatewayId
Update Property Name
Cmdlet invocation changes :
    Old Way : -InputObject
    New Way : -NatGateway
Note : Go to https://aka.ms/azps-changewarnings for steps to suppress this breaking change warning, and other information on breaking changes in Azure PowerShell.
PS /home/ilunga>
PS /home/ilunga> ## Create the virtual network. ##
PS /home/ilunga>
PS /home/ilunga> $parameters1 = @{
>>
>>  Name = 'MyVNet'
>>
>>  ResourceGroupName = 'CreatePrivateEndpointQS-rg'
>>
>>  Location = 'eastus'
>>
>>  AddressPrefix = '10.0.0.0/16'
>>
>>  Subnet = $subnetConfig, $bastsubnetConfig
>>
>> }
PS /home/ilunga>
PS /home/ilunga> $vnet = New-AzVirtualNetwork @parameters1
```



```
PS /home/ilunga>
PS /home/ilunga> $publicip = New-AzPublicIpAddress @parameters2
WARNING: Upcoming breaking changes in the cmdlet 'New-AzPublicIpAddress' :
Default behaviour of Zone will be changed
Cmdlet invocation changes :
    Old Way : Sku = Standard means the Standard Public IP is zone-redundant.
    New Way : Sku = Standard and Zone = {} means the Standard Public IP has no zones. If you want to create a zone-redundant Public IP address, please specify
ones in the region. For example, Zone = ['1', '2', '3'].
It is recommended to use parameter '-Sku Standard' to create new IP address. Please note that it will become the default behavior for IP address creation in th
Note : Go to https://aka.ms/azps-changewarnings for steps to suppress this breaking change warning, and other information on breaking changes in Azure PowerShe
PS /home/ilunga>
PS /home/ilunga> ## Create bastion host ##
PS /home/ilunga>
PS /home/ilunga> $parameters3 = @{
>>
>>  ResourceGroupName = 'CreatePrivateEndpointQS-rg'
>>
>>  Name = 'myBastion'
>>
>>  PublicIpAddress = $publicip
>>
>>  VirtualNetwork = $vnet
>>
>> }
PS /home/ilunga>
https://portal.azure.com/#home \zBastion @parameters3
```



```
ResourceGroupName     : CreatePrivateEndpointQS-rg
DnsName               : bst-7bd86a8e-9d95-4bb2-ac1c-b42ddafd527d.bastion.azure.com
ResourceGuid          :
ProvisioningState     : Succeeded
IpConfigurationsText : [
                          {
                            "Subnet": {
                              "Id": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Network/virtualNe
                        tworks/MyVNet/subnets/AzureBastionSubnet"
                            },
                            "PublicIpAddress": {
                              "Id": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Network/publicIPA
                        ddresses/myBastionIP"
                            },
                            "ProvisioningState": "Succeeded",
                            "PrivateIpAllocationMethod": "Dynamic",
                            "Name": "IpConf",
                            "Etag": "W/\"0e5af24f-0432-418b-a6d7-6c3527a225a0\"",
                            "Id": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Network/bastionHost
                        s/myBastion/bastionHostIpConfigurations/IpConf"
                          }
                        ]
Sku                   : {
                          "Name": "Basic"
                        }
Scale Units           : 2


PS /home/ilunga>
```

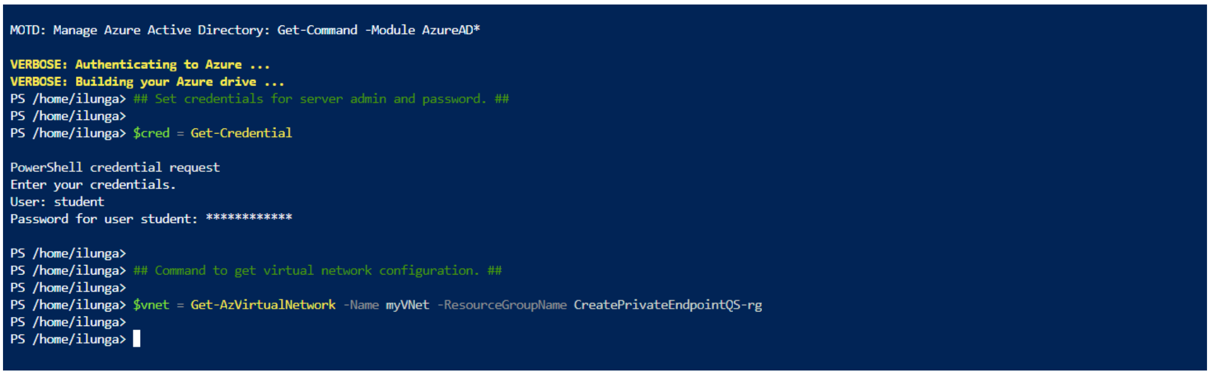
Task 3: Create a test virtual machine

In this section, you'll create a virtual machine that will be used to test the Private Endpoint.

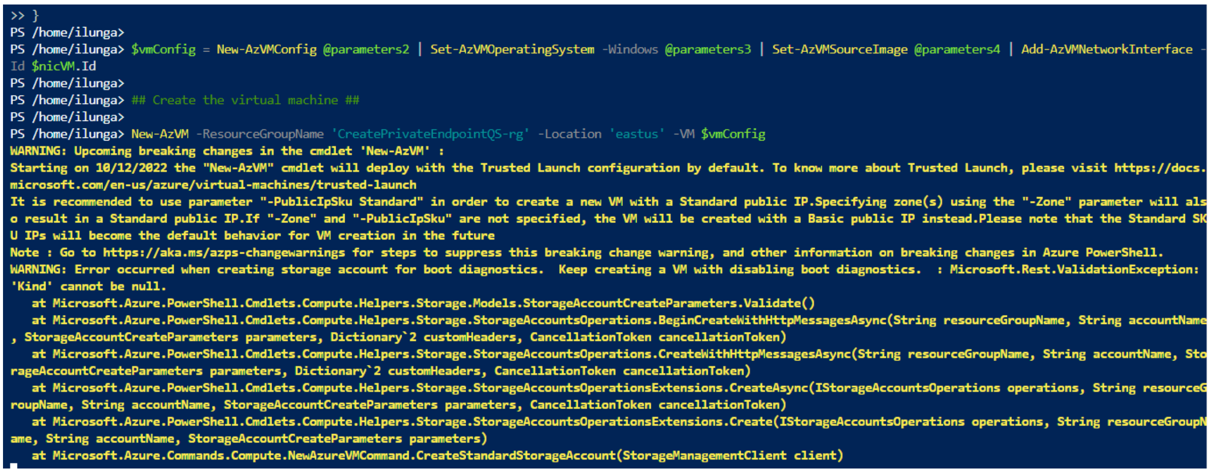
Create the virtual machine with:

Get-Credential (Note: when prompted enter a local admin account credentials for the VM (i.e. Student and Pa55w.rd1234)).

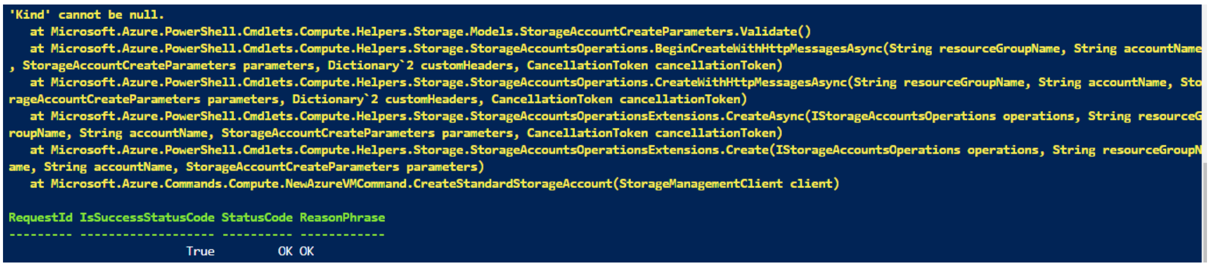
- New-AzNetworkInterface
- New-AzVM
- New-AzVMConfig
- Set-AzVMOperatingSystem
- Set-AzVMSourceImage
- Add-AzVMNetworkInterface



```
MOTD: Manage Azure Active Directory: Get-Command -Module AzureAD*

VERBOSE: Authenticating to Azure ...
VERBOSE: Building your Azure drive ...
PS /home/ilunga> ## Set credentials for server admin and password. ##
PS /home/ilunga>
PS /home/ilunga> $cred = Get-Credential

PowerShell credential request
Enter your credentials.
User: student
Password for user student: ************

PS /home/ilunga>
PS /home/ilunga> ## Command to get virtual network configuration. ##
PS /home/ilunga>
PS /home/ilunga> $vnet = Get-AzVirtualNetwork -Name myVNet -ResourceGroupName CreatePrivateEndpointQS-rg
PS /home/ilunga>
PS /home/ilunga> █
```



```
>> }
PS /home/ilunga>
PS /home/ilunga> $vmConfig = New-AzVMConfig @parameters2 | Set-AzVMOperatingSystem -Windows @parameters3 | Set-AzVMSourceImage @parameters4 | Add-AzVMNetworkInterface -
Id $nicVM.Id
PS /home/ilunga>
PS /home/ilunga> ## Create the virtual machine ##
PS /home/ilunga>
PS /home/ilunga> New-AzVM -ResourceGroupName 'CreatePrivateEndpointQS-rg' -Location 'eastus' -VM $vmConfig
WARNING: Upcoming breaking changes in the cmdlet 'New-AzVM' :
Starting on 10/12/2022 the "New-AzVM" cmdlet will deploy with the Trusted Launch configuration by default. To know more about Trusted Launch, please visit https://docs.
microsoft.com/en-us/azure/virtual-machines/trusted-launch
It is recommended to use parameter "-PublicIpSku Standard" in order to create a new VM with a Standard public IP.Specifying zone(s) using the "-Zone" parameter will als
o result in a Standard public IP.If "-Zone" and "-PublicIpSku" are not specified, the VM will be created with a Basic public IP instead.Please note that the Standard SK
U IPs will become the default behavior for VM creation in the future
Note : Go to https://aka.ms/azps-changewarnings for steps to suppress this breaking change warning, and other information on breaking changes in Azure PowerShell.
WARNING: Error occurred when creating storage account for boot diagnostics.  Keep creating a VM with disabling boot diagnostics.  : Microsoft.Rest.ValidationException:
'Kind' cannot be null.
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.Models.StorageAccountCreateParameters.Validate()
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperations.BeginCreateWithHttpMessagesAsync(String resourceGroupName, String accountName
, StorageAccountCreateParameters parameters, Dictionary`2 customHeaders, CancellationToken cancellationToken)
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperations.CreateWithHttpMessagesAsync(String resourceGroupName, String accountName, Sto
rageAccountCreateParameters parameters, Dictionary`2 customHeaders, CancellationToken cancellationToken)
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperationsExtensions.CreateAsync(IStorageAccountsOperations operations, String resourceG
roupName, String accountName, StorageAccountCreateParameters parameters, CancellationToken cancellationToken)
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperationsExtensions.Create(IStorageAccountsOperations operations, String resourceGroupN
ame, String accountName, StorageAccountCreateParameters parameters)
   at Microsoft.Azure.Commands.Compute.NewAzureVMCommand.CreateStandardStorageAccount(StorageManagementClient client)
```



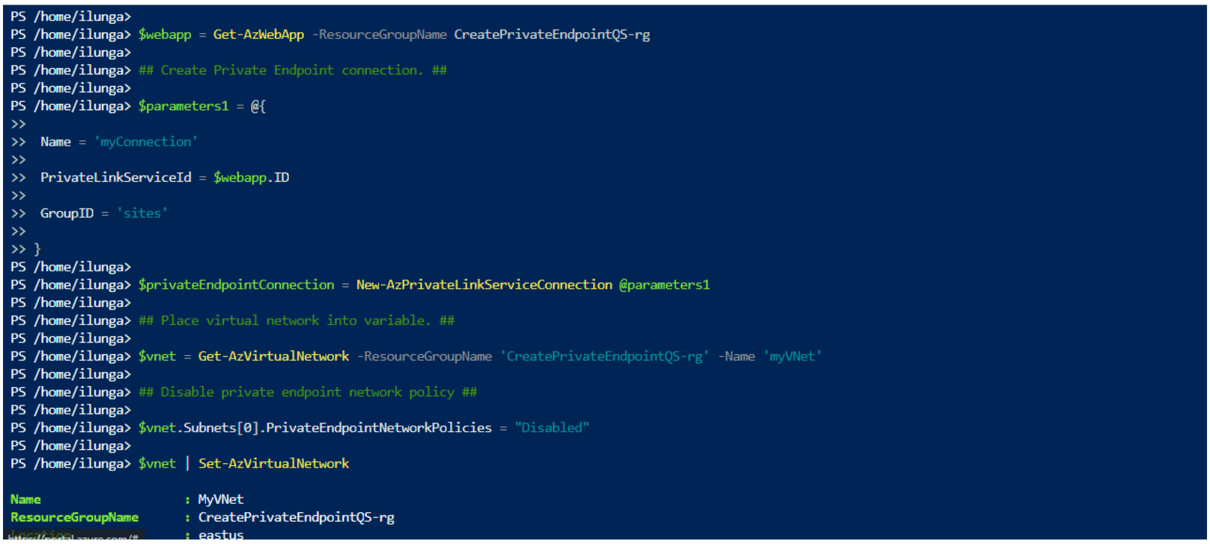
```
'Kind' cannot be null.
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.Models.StorageAccountCreateParameters.Validate()
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperations.BeginCreateWithHttpMessagesAsync(String resourceGroupName, String accountName
, StorageAccountCreateParameters parameters, Dictionary`2 customHeaders, CancellationToken cancellationToken)
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperations.CreateWithHttpMessagesAsync(String resourceGroupName, String accountName, Sto
rageAccountCreateParameters parameters, Dictionary`2 customHeaders, CancellationToken cancellationToken)
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperationsExtensions.CreateAsync(IStorageAccountsOperations operations, String resourceG
roupName, String accountName, StorageAccountCreateParameters parameters, CancellationToken cancellationToken)
   at Microsoft.Azure.PowerShell.Cmdlets.Compute.Helpers.Storage.StorageAccountsOperationsExtensions.Create(IStorageAccountsOperations operations, String resourceGroupN
ame, String accountName, StorageAccountCreateParameters parameters)
   at Microsoft.Azure.Commands.Compute.NewAzureVMCommand.CreateStandardStorageAccount(StorageManagementClient client)

RequestId IsSuccessStatusCode StatusCode ReasonPhrase
--------- ------------------- ---------- ------------
                         True         OK OK
```

Task 4: Create a Private Endpoint

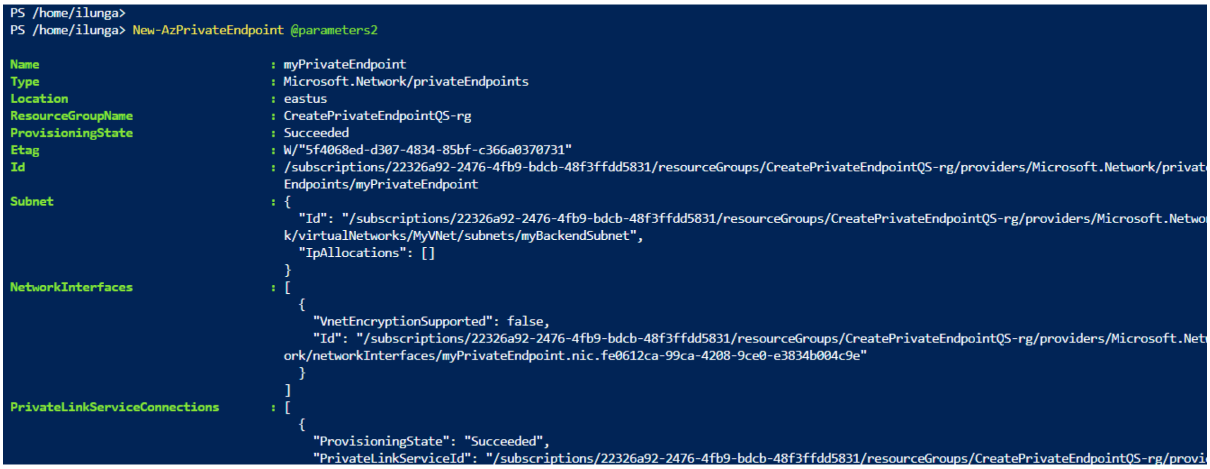
In this section, you'll create the Private Endpoint and connection using:

- New-AzPrivateLinkServiceConnection

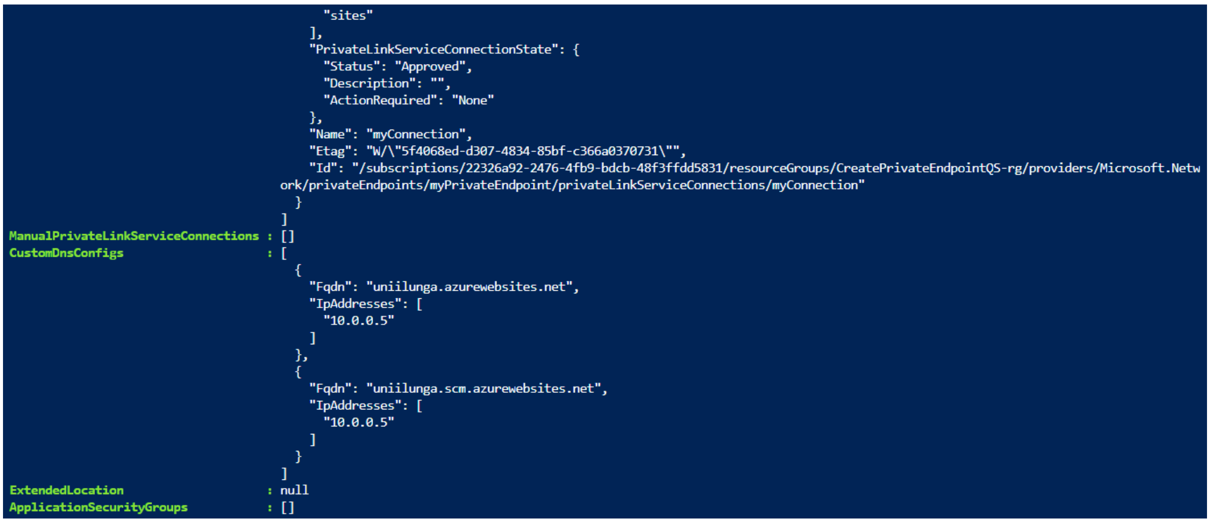
- New-AzPrivateEndpoint



```
PS /home/ilunga>
PS /home/ilunga> $webapp = Get-AzWebApp -ResourceGroupName CreatePrivateEndpointQS-rg
PS /home/ilunga>
PS /home/ilunga> ## Create Private Endpoint connection. ##
PS /home/ilunga>
PS /home/ilunga> $parameters1 = @{
>>
>>  Name = 'myConnection'
>>
>>  PrivateLinkServiceId = $webapp.ID
>>
>>  GroupID = 'sites'
>>
>> }
PS /home/ilunga>
PS /home/ilunga> $privateEndpointConnection = New-AzPrivateLinkServiceConnection @parameters1
PS /home/ilunga>
PS /home/ilunga> ## Place virtual network into variable. ##
PS /home/ilunga>
PS /home/ilunga> $vnet = Get-AzVirtualNetwork -ResourceGroupName 'CreatePrivateEndpointQS-rg' -Name 'myVNet'
PS /home/ilunga>
PS /home/ilunga> ## Disable private endpoint network policy ##
PS /home/ilunga>
PS /home/ilunga> $vnet.Subnets[0].PrivateEndpointNetworkPolicies = "Disabled"
PS /home/ilunga>
PS /home/ilunga> $vnet | Set-AzVirtualNetwork

Name                    : MyVNet
ResourceGroupName       : CreatePrivateEndpointQS-rg
Location                : eastus
```



```
PS /home/ilunga>
PS /home/ilunga> New-AzPrivateEndpoint @parameters2

Name                                 : myPrivateEndpoint
Type                                 : Microsoft.Network/privateEndpoints
Location                             : eastus
ResourceGroupName                    : CreatePrivateEndpointQS-rg
ProvisioningState                    : Succeeded
Etag                                 : W/"5f4068ed-d307-4834-85bf-c366a0370731"
Id                                   : /subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Network/privat
                                       Endpoints/myPrivateEndpoint
Subnet                               : {
                                         "Id": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Netwo
                                       k/virtualNetworks/MyVNet/subnets/myBackendSubnet",
                                         "IpAllocations": []
                                       }
NetworkInterfaces                    : [
                                         {
                                           "VnetEncryptionSupported": false,
                                           "Id": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Net
                                       ork/networkInterfaces/myPrivateEndpoint.nic.fe0612ca-99ca-4208-9ce0-e3834b004c9e"
                                         }
                                       ]
PrivateLinkServiceConnections        : [
                                         {
                                           "ProvisioningState": "Succeeded",
                                           "PrivateLinkServiceId": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/provi
```

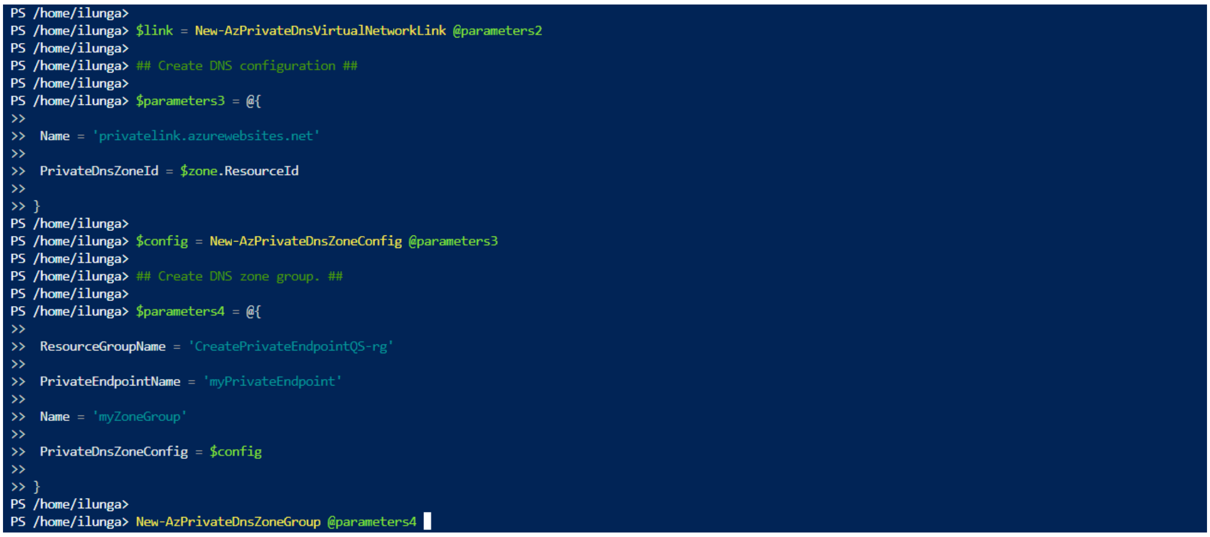


```
                                             "sites"
                                           ],
                                           "PrivateLinkServiceConnectionState": {
                                             "Status": "Approved",
                                             "Description": "",
                                             "ActionRequired": "None"
                                           },
                                           "Name": "myConnection",
                                           "Etag": "W/\"5f4068ed-d307-4834-85bf-c366a0370731\"",
                                           "Id": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Netw
                                       ork/privateEndpoints/myPrivateEndpoint/privateLinkServiceConnections/myConnection"
                                         }
                                       ]
ManualPrivateLinkServiceConnections : []
CustomDnsConfigs                     : [
                                         {
                                           "Fqdn": "uniilunga.azurewebsites.net",
                                           "IpAddresses": [
                                             "10.0.0.5"
                                           ]
                                         },
                                         {
                                           "Fqdn": "uniilunga.scm.azurewebsites.net",
                                           "IpAddresses": [
                                             "10.0.0.5"
                                           ]
                                         }
                                       ]
ExtendedLocation                     : null
ApplicationSecurityGroups            : []
```

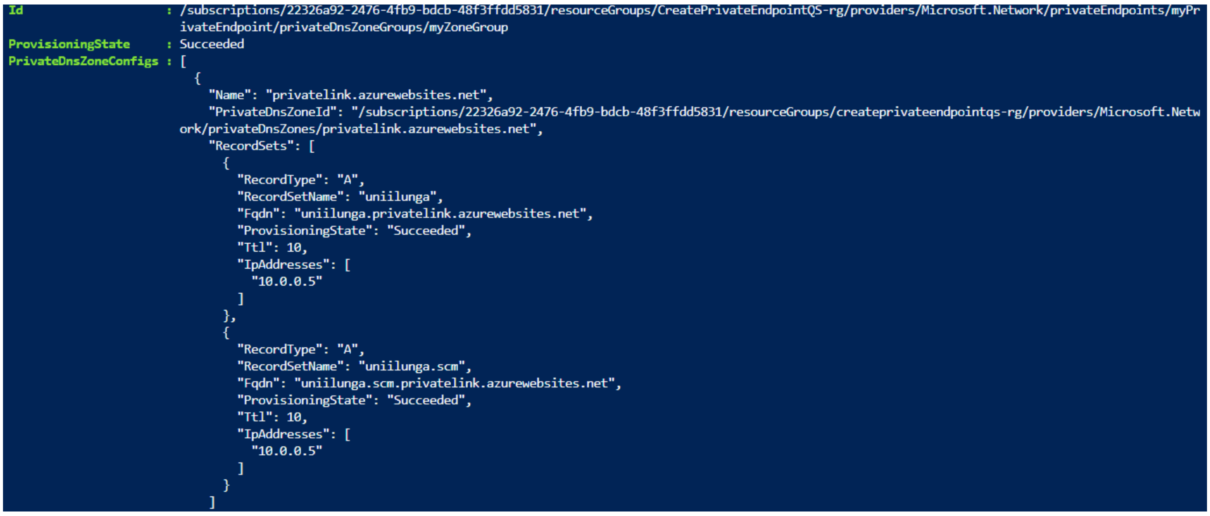
Task 5: Configure the private DNS zone

In this section you'll create and configure the private DNS zone using:

- New-AzPrivateDnsZone
- New-AzPrivateDnsVirtualNetworkLink
- New-AzPrivateDnsZoneConfig
- New-AzPrivateDnsZoneGroup



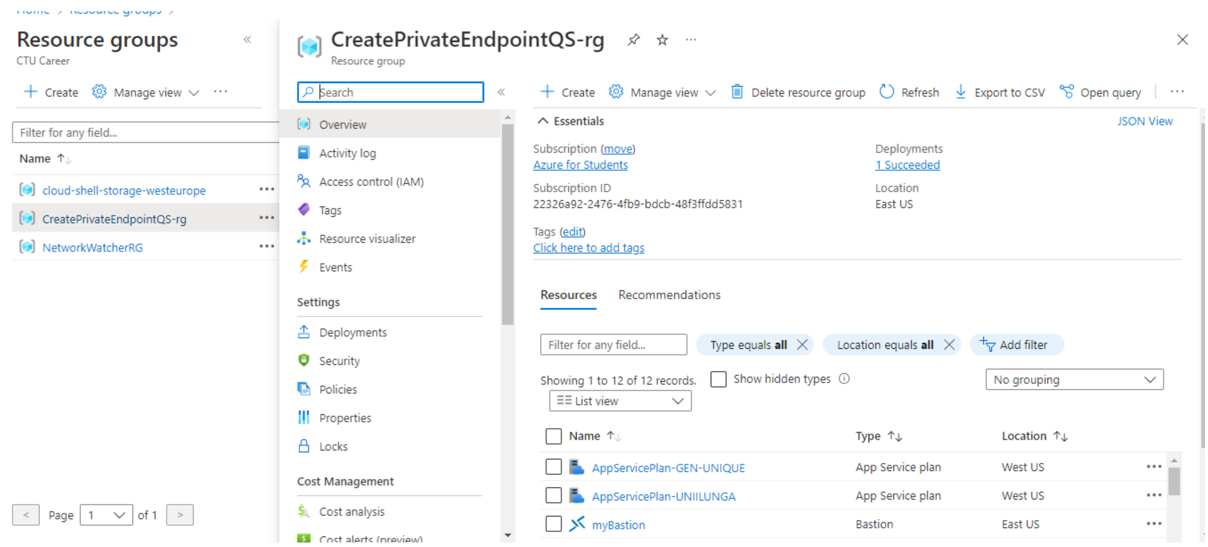
```
PS /home/ilunga>
PS /home/ilunga> $link = New-AzPrivateDnsVirtualNetworkLink @parameters2
PS /home/ilunga>
PS /home/ilunga> ## Create DNS configuration ##
PS /home/ilunga>
PS /home/ilunga> $parameters3 = @{
>>
>>  Name = 'privatelink.azurewebsites.net'
>>
>>  PrivateDnsZoneId = $zone.ResourceId
>>
>> }
PS /home/ilunga>
PS /home/ilunga> $config = New-AzPrivateDnsZoneConfig @parameters3
PS /home/ilunga>
PS /home/ilunga> ## Create DNS zone group. ##
PS /home/ilunga>
PS /home/ilunga> $parameters4 = @{
>>
>>  ResourceGroupName = 'CreatePrivateEndpointQS-rg'
>>
>>  PrivateEndpointName = 'myPrivateEndpoint'
>>
>>  Name = 'myZoneGroup'
>>
>>  PrivateDnsZoneConfig = $config
>>
>> }
PS /home/ilunga>
PS /home/ilunga> New-AzPrivateDnsZoneGroup @parameters4
```



```
Id                     : /subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/CreatePrivateEndpointQS-rg/providers/Microsoft.Network/privateEndpoints/myPr
                         ivateEndpoint/privateDnsZoneGroups/myZoneGroup
ProvisioningState      : Succeeded
PrivateDnsZoneConfigs : [
                           {
                             "Name": "privatelink.azurewebsites.net",
                             "PrivateDnsZoneId": "/subscriptions/22326a92-2476-4fb9-bdcb-48f3ffdd5831/resourceGroups/createprivateendpointqs-rg/providers/Microsoft.Netw
                         ork/privateDnsZones/privatelink.azurewebsites.net",
                             "RecordSets": [
                               {
                                 "RecordType": "A",
                                 "RecordSetName": "uniilunga",
                                 "Fqdn": "uniilunga.privatelink.azurewebsites.net",
                                 "ProvisioningState": "Succeeded",
                                 "Ttl": 10,
                                 "IpAddresses": [
                                   "10.0.0.5"
                                 ]
                               },
                               {
                                 "RecordType": "A",
                                 "RecordSetName": "uniilunga.scm",
                                 "Fqdn": "uniilunga.scm.privatelink.azurewebsites.net",
                                 "ProvisioningState": "Succeeded",
                                 "Ttl": 10,
                                 "IpAddresses": [
                                   "10.0.0.5"
                                 ]
                               }
                             ]
```

Task 6: Test connectivity to the Private Endpoint

1.Sign in to the Azure portal +2.Select Resource groups in the left-hand navigation pane +3.Select CreatePrivateEndpointQS-rg.



Resource groups
CTU Career

Name
cloud-shell-storage-westeurope
CreatePrivateEndpointQS-rg
NetworkWatcherRG

CreatePrivateEndpointQS-rg
Resource group

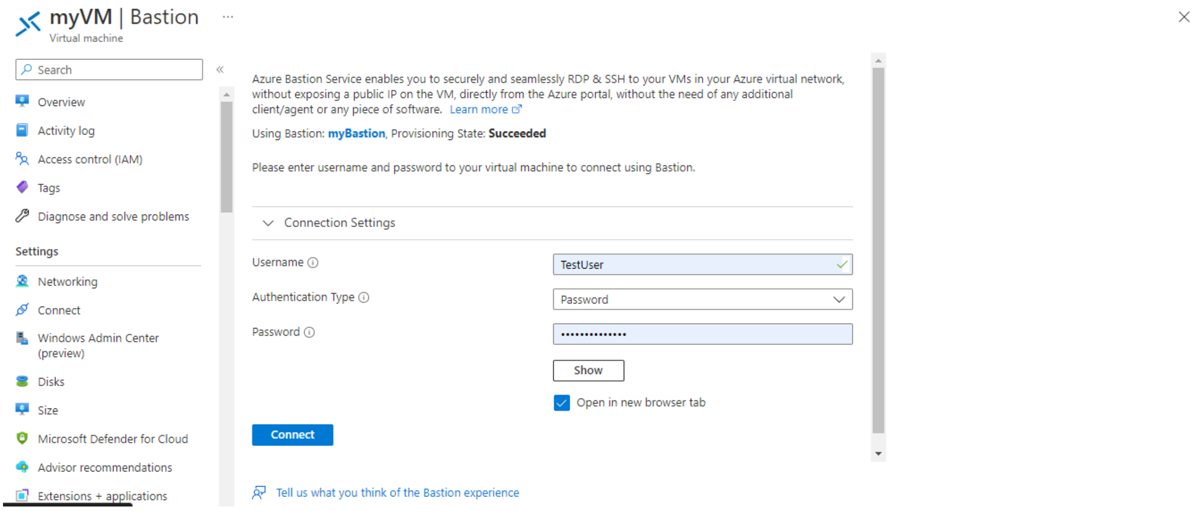
Essentials

Subscription (move): Azure for Students
Subscription ID: 22326a92-2476-4fb9-bdcb-48f3ffdd5831
Tags (edit): Click here to add tags
Deployments: 1 Succeeded
Location: East US

Showing 1 to 12 of 12 records.

Name	Type	Location
AppServicePlan-GEN-UNIQUE	App Service plan	West US
AppServicePlan-UNIILUNGA	App Service plan	West US
myBastion	Bastion	East US

4.Select myVM. +5.On the overview page for myVM, select Connect then Bastion.



myVM | Bastion
Virtual machine

Azure Bastion Service enables you to securely and seamlessly RDP & SSH to your VMs in your Azure virtual network, without exposing a public IP on the VM, directly from the Azure portal, without the need of any additional client/agent or any piece of software. Learn more

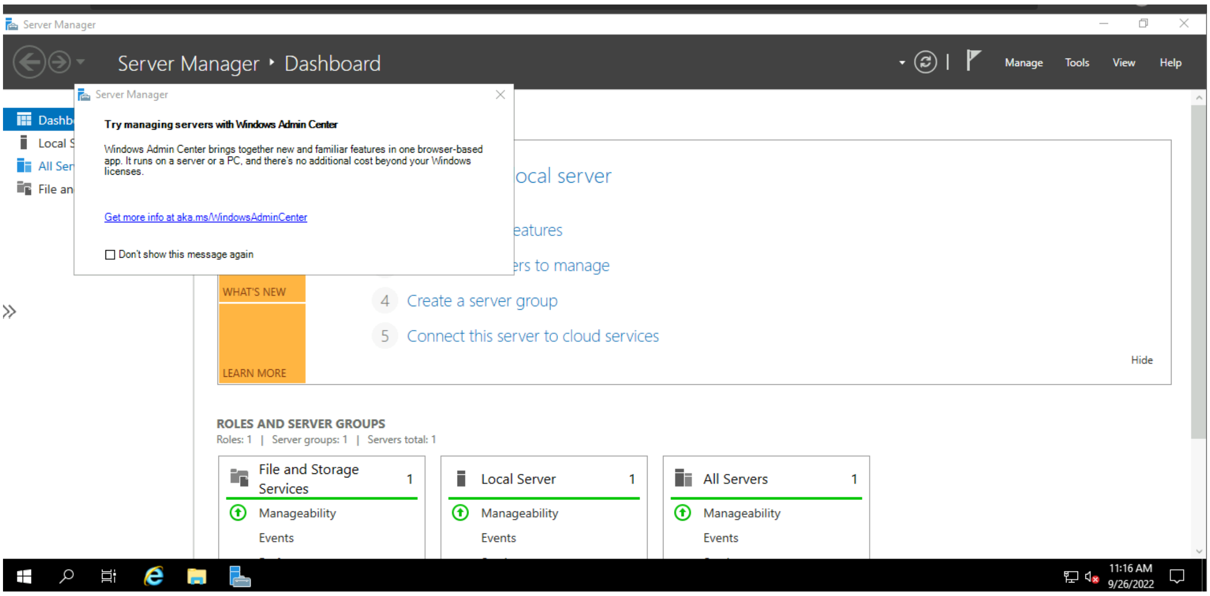
Using Bastion: **myBastion**, Provisioning State: **Succeeded**

Please enter username and password to your virtual machine to connect using Bastion.

Connection Settings

Username: TestUser
Authentication Type: Password
Password: ••••••••••••••
☑ Open in new browser tab

Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Windows Admin Center (preview)
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Show
Connect
Tell us what you think of the Bastion experience



Server Manager

Try managing servers with Windows Admin Center

Windows Admin Center brings together new and familiar features in one browser-based app. It runs on a server or a PC, and there's no additional cost beyond your Windows licenses.

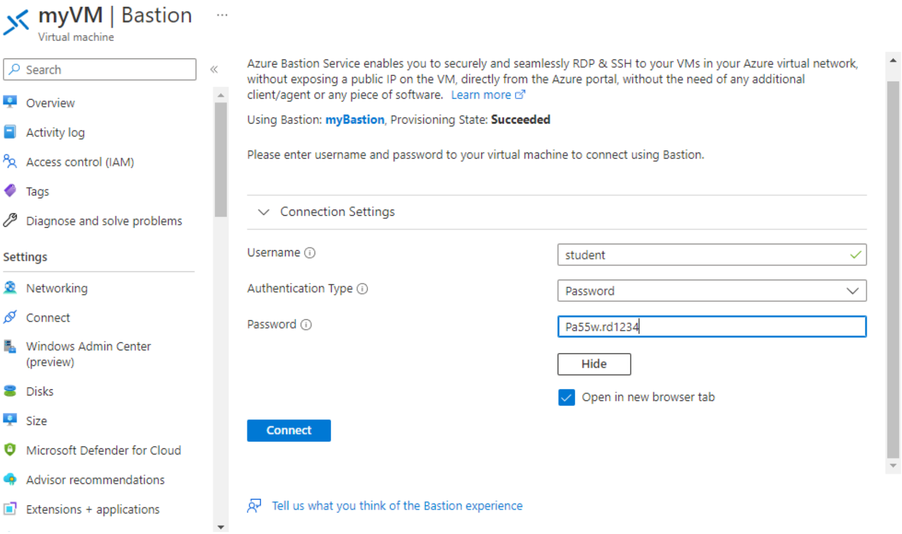
Get more info at aka.ms/WindowsAdminCenter

□ Don't show this message again

ROLES AND SERVER GROUPS
Roles: 1 | Server groups: 1 | Servers total: 1

File and Storage Services 1	Local Server 1	All Servers 1
Manageability	Manageability	Manageability
Events	Events	Events

6.Select the blue Use Bastion button. +7.Enter the username and password that you entered during the virtual machine creation.



Azure Bastion Service enables you to securely and seamlessly RDP & SSH to your VMs in your Azure virtual network, without exposing a public IP on the VM, directly from the Azure portal, without the need of any additional client/agent or any piece of software. Learn more

Using Bastion: **myBastion**, Provisioning State: **Succeeded**

Please enter username and password to your virtual machine to connect using Bastion.

Username ⓘ: student ✓

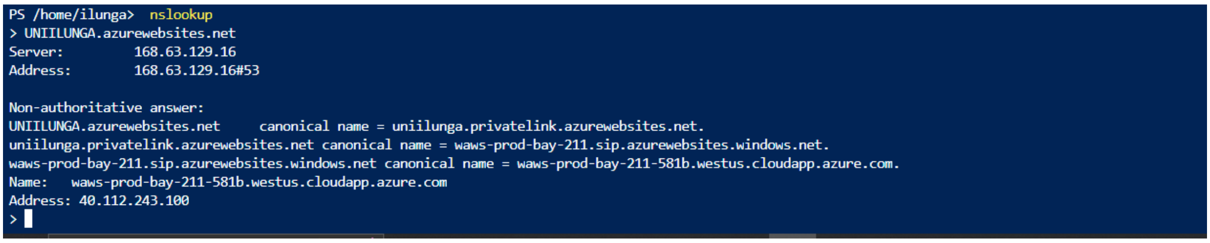
Authentication Type ⓘ: Password

Password ⓘ: Pa55w.rd1234

☑ Open in new browser tab

Tell us what you think of the Bastion experience

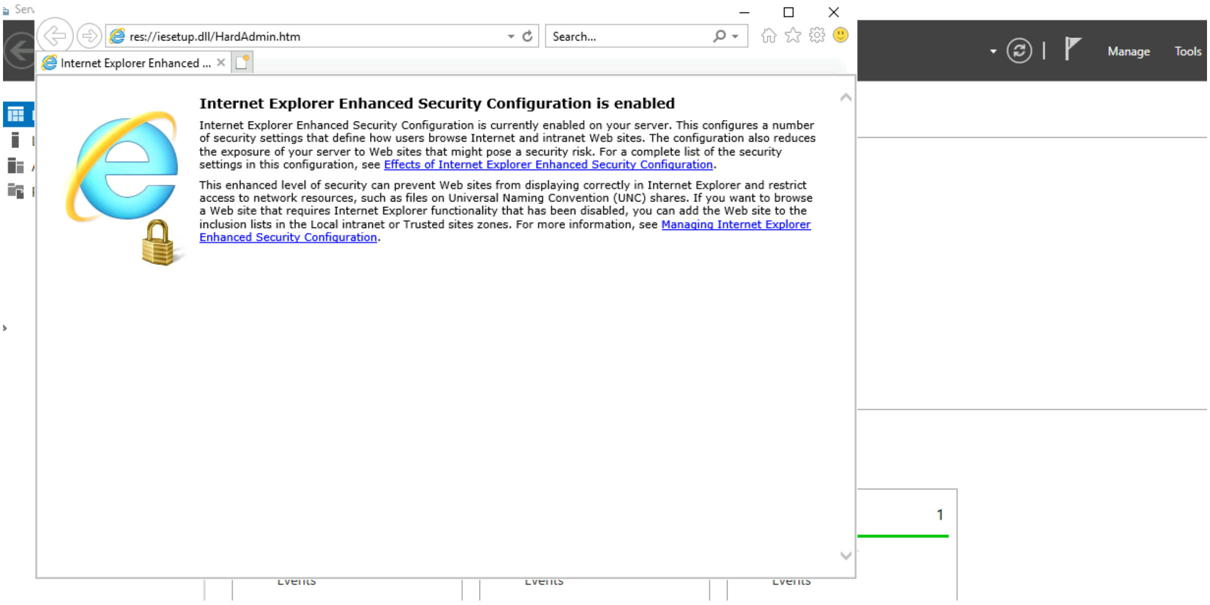
8.Open Windows PowerShell on the server after you connect. +9.Enter nslookup <your- webapp-name>.azurewebsites.net. Replace <your-webapp-name> with the name of the web app you created in the previous steps. You'll receive a message similar to what is displayed below:



```
PS /home/ilunga>  nslookup
> UNIILUNGA.azurewebsites.net
Server:         168.63.129.16
Address:        168.63.129.16#53

Non-authoritative answer:
UNIILUNGA.azurewebsites.net     canonical name = uniilunga.privatelink.azurewebsites.net.
uniilunga.privatelink.azurewebsites.net canonical name = waws-prod-bay-211.sip.azurewebsites.windows.net.
waws-prod-bay-211.sip.azurewebsites.windows.net canonical name = waws-prod-bay-211-581b.westus.cloudapp.azure.com.
Name:   waws-prod-bay-211-581b.westus.cloudapp.azure.com
Address: 40.112.243.100
> 
```

A private IP address of 10.0.0.5 is returned for the web app name. This address is in the subnet of the virtual network you created previously.

1.In the bastion connection to myVM, open Internet Explorer.



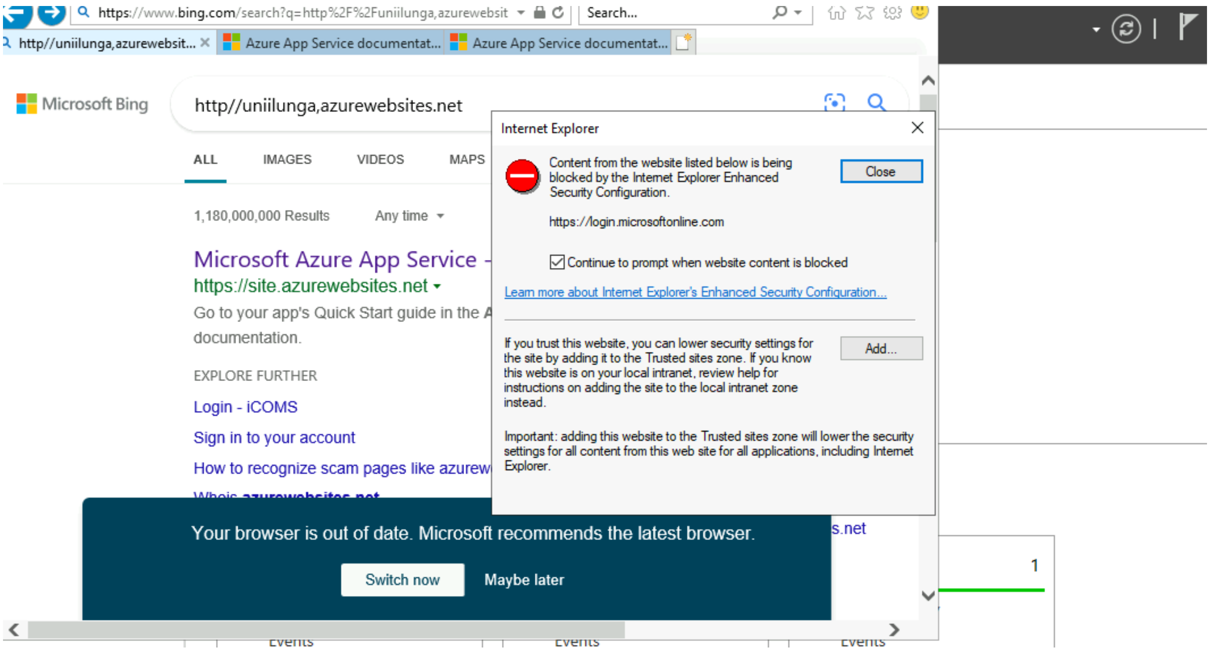
res://iesetup.dll/HardAdmin.htm
Search...
Internet Explorer Enhanced ...
Manage
Tools
1
Events
Events
Events

Internet Explorer Enhanced Security Configuration is enabled

Internet Explorer Enhanced Security Configuration is currently enabled on your server. This configures a number of security settings that define how users browse Internet and intranet Web sites. The configuration also reduces the exposure of your server to Web sites that might pose a security risk. For a complete list of the security settings in this configuration, see Effects of Internet Explorer Enhanced Security Configuration.

This enhanced level of security can prevent Web sites from displaying correctly in Internet Explorer and restrict access to network resources, such as files on Universal Naming Convention (UNC) shares. If you want to browse a Web site that requires Internet Explorer functionality that has been disabled, you can add the Web site to the inclusion lists in the Local intranet or Trusted sites zones. For more information, see Managing Internet Explorer Enhanced Security Configuration.

2.Enter the url of your web app, https://<your-webapp-name>.azurewebsites.net



https://www.bing.com/search?q=http%2F%2Funiilunga,azurewebsit
Search...
http//uniilunga,azurewebsit...
Azure App Service documentat...
Azure App Service documentat...
Microsoft Bing
http//uniilunga,azurewebsites.net
ALL
IMAGES
VIDEOS
MAPS
1,180,000,000 Results
Any time
Microsoft Azure App Service -
https://site.azurewebsites.net
Go to your app's Quick Start guide in the A
documentation.
EXPLORE FURTHER
Login - iCOMS
Sign in to your account
How to recognize scam pages like azurew
s.net
Events
Events
Events
1

Internet Explorer

Content from the website listed below is being blocked by the Internet Explorer Enhanced Security Configuration.

https://login.microsoftonline.com

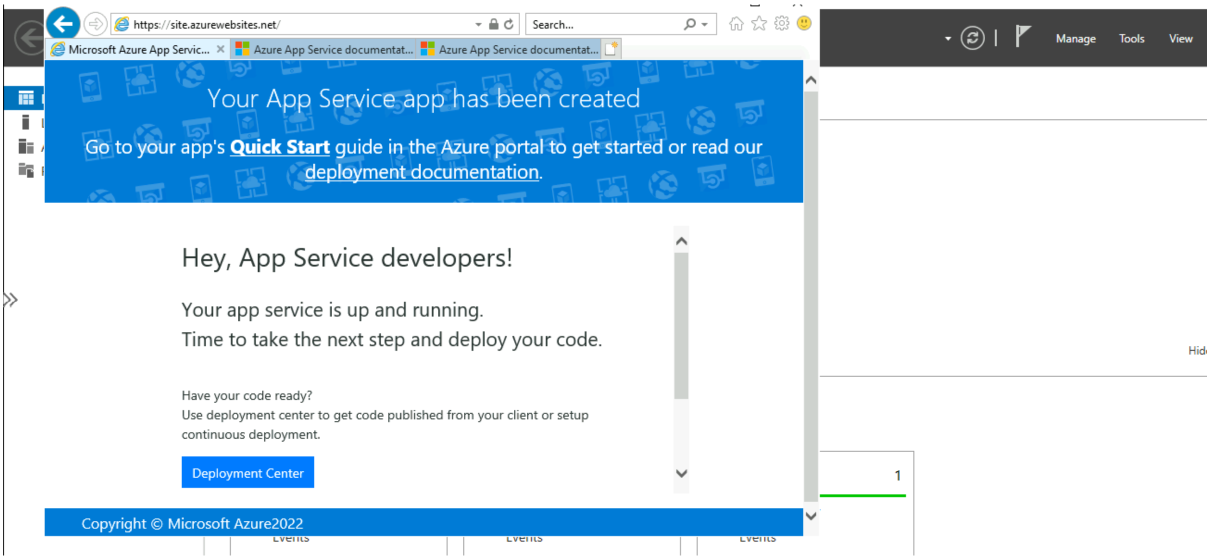
☑ Continue to prompt when website content is blocked

Learn more about Internet Explorer's Enhanced Security Configuration...

If you trust this website, you can lower security settings for the site by adding it to the Trusted sites zone. If you know this website is on your local intranet, review help for instructions on adding the site to the local intranet zone instead.

Important: adding this website to the Trusted sites zone will lower the security settings for all content from this web site for all applications, including Internet Explorer.

Your browser is out of date. Microsoft recommends the latest browser.


https://site.azurewebsites.net/
Search...
Microsoft Azure App Servic...
Azure App Service documentat...
Azure App Service documentat...
Manage
Tools
View

Your App Service app has been created

Go to your app's **Quick Start** guide in the Azure portal to get started or read our deployment documentation.

Hey, App Service developers!

Your app service is up and running.
Time to take the next step and deploy your code.

Have your code ready?
Use deployment center to get code published from your client or setup continuous deployment.

Deployment Center

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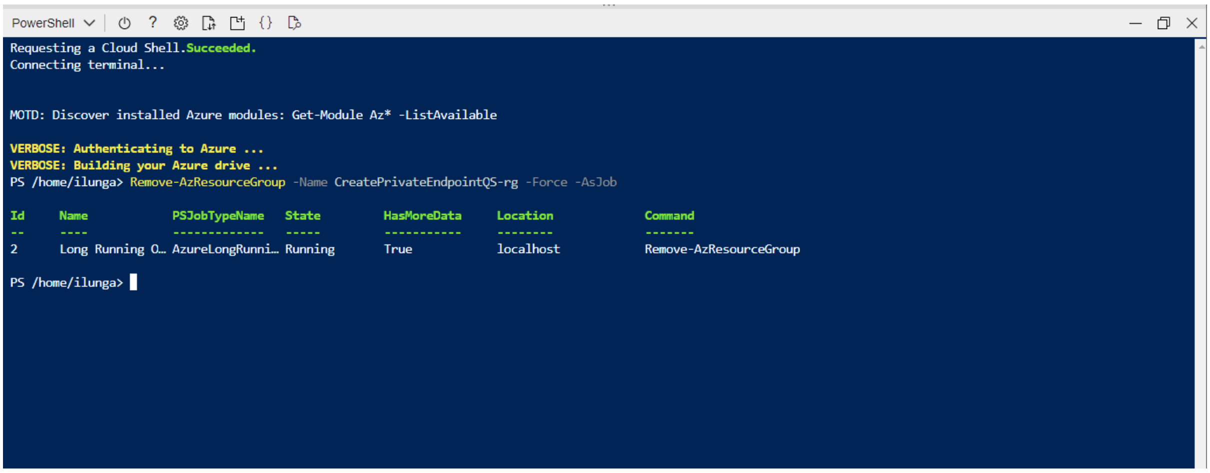
Task 7: Clean up resources



```
Requesting a Cloud Shell.Succeeded.
Connecting terminal...


MOTD: Discover installed Azure modules: Get-Module Az* -ListAvailable

VERBOSE: Authenticating to Azure ...
VERBOSE: Building your Azure drive ...
PS /home/ilunga> Remove-AzResourceGroup -Name CreatePrivateEndpointQS-rg -Force -AsJob

Id     Name            PSJobTypeName   State         HasMoreData     Location             Command
--     ----            -------------   -----         -----------     --------             -------
2      Long Running O… AzureLongRunni… Running       True            localhost            Remove-AzResourceGroup

PS /home/ilunga>
```