

```

1 # Provide values for the variables
2
3 # Provide a name for your resource group that would all your used in creating your FusionHub VM
4 $resourceGroup = 'testfhb25'
5
6 # Provide values the Azure Location where you would like the FusionHub VM to be created.
7 # A Location List can be found here https://azure.microsoft.com/en-gb/global-infrastructure/locations/, you will enter here name under the heading
  region
8 $location = 'uk south'
9
10 # Provide a name for the storage account
11 $storageaccount = 'fhbstorageaccount25'
12
13 # Locally redundant storage (LRS) replicates your data three times within a single physical location in the primary region.
14 # LRS provides at least 99.99999999% (11 nines) durability of objects over a given year. LRS is the Lowest-cost redundancy
15 # option and offers the Least durability compared to other options. This option is sufficient for FusionHub
16 $storageType = 'Standard_LRS'
17
18 # Provide a name for the container where the FusionHub VHD will be located in the storage account.
19 $containername = 'fhbcontainer'
20
21 # Provide the full location on your PC for the FusionHub VHD
22 $localPath = 'D:\Downloads\Fusionhub-8.0.1-build1644\FusionHub\VHD\FusionHub.vhd'
23
24 # Unless you have changed the default name of the FusionHub VHD (Not recommended) the one below is the
25 # correct default as currently provided by Peplink
26 $vhdName = 'fusionhub.vhd'
27
28 #Provide the subscription Id where Managed Disks will be created
29 $subscriptionId = '
30
31 #Provide the name of the Managed Disk
32 $diskName = 'testdiskfhb'
33
34 #Provide the size of the disks in GB. It should be greater than the VHD file size.
35 $diskSize = '4'
36
37 #Provide the URI of the VHD file (page blob) in a storage account. Please not that this is NOT the SAS URI of the storage container where VHD file
  is stored.
38 #e.g. https://contosostorageaccount1.blob.core.windows.net/vhds/contosovhd123.vhd
39 #Note: VHD file can be deleted as soon as Managed Disk is created.
40 $sourceVHDURI = 'https://fhbstorageaccount25.blob.core.windows.net/fhbcontainer/fusionhub.vhd'
41
42 #Provide the resource Id of the storage account where VHD file is stored.
43 #e.g. /subscriptions/6472s1g8-h217-446b-b509-314e17e1efb0/resourceGroups/MDDemo/providers/Microsoft.Storage/storageAccounts/contosostorageaccount
44 #This is an optional parameter if you are creating managed disk in the same subscription
45 $storageAccountId = '/subscriptions/
46 /resourceGroups/testfhb25/providers/Microsoft.Storage/storageAccounts/
  fhbstorageaccount25'
47
48 # Provide a name for the Subnet
49 $subnetName = 'fhbSubnet'
50
51 # Provide a name for the Virtual Network
52 $vnetName = 'fhbVnet'
53
54 # Provide a name for the Network Security Group
55 $nsgName = 'fhbNsg'
56
57 # Provide a name for the rule that will control access to the VM via SSH
58 $ruleName = 'fhbRdpRule'
59
60 #Provide the name of an existing virtual network where virtual machine will be created
61 $virtualNetworkName = 'fhbVnet'
62
63 #Provide the name of the virtual machine
64 $virtualMachineName = 'testfhbVM'
65
66 #Provide the size of the virtual machine
67 #e.g. Standard_DS3
68 #Get all the vm sizes in a region using below script:
69 #e.g. Get-AzureRmVMSize -Location ukwest
70 $virtualMachineSize = 'Basic_A0'
71
72 #Connect to Azure
73 Connect-AzAccount
74
75 Set-Item Env:\SuppressAzurePowerShellBreakingChangeWarnings "true"
76
77 # Upload the VHD
78 New-AzResourceGroup -Name $resourceGroup -Location $location
79 New-AzStorageAccount -ResourceGroupName $resourceGroup -Name $storageAccount -Location $location `
80 | -SkuName $storageType -Kind "Storage"
81 $urlOfUploadedImageVhd = ('https://' + $storageaccount + '.blob.core.windows.net/' + $containername + '/' + $vhdName)
82 Add-AzVhd -ResourceGroupName $resourceGroup -Destination $urlOfUploadedImageVhd `
83 | -LocalFilePath $localPath
84
85 # Note: Uploading the VHD may take awhile!
86
87 #Create a managed disk from VHD

```

You can get this from the Subscription tab in the left Azure Portal Menu

Change highlighted value to same value for \$Storageaccount above

You can get this from the Subscription tab in the left Azure Portal Menu

Change highlighted value to same value for \$Storageaccount above

Change highlighted value to same value for \$resourcegroup above

You will need your Azure credentials

```

88
89 #Set the context to the subscription Id where Managed Disk will be created
90 Select-AzSubscription -SubscriptionId $SubscriptionId
91
92 $diskConfig = New-AzDiskConfig -AccountType $storageType -Location $location -CreateOption Import -StorageAccountId $storageAccountId -SourceUri
93 $sourceVHDURI
94
95 New-AzDisk -Disk $diskConfig -ResourceGroupName $resourceGroup -DiskName $diskName
96
97 # Create the networking resources
98
99 $singleSubnet = New-AzVirtualNetworkSubnetConfig -Name $subnetName -AddressPrefix 10.0.0.0/24
100 $vnet = New-AzVirtualNetwork -Name $vnetName -ResourceGroupName $resourceGroup -Location $location -
101 -AddressPrefix 10.0.0.0/16 -Subnet $singleSubnet
102 $rdpRule = New-AzNetworkSecurityRuleConfig -Name $ruleName -Description 'Allow SSH' -Access Allow -
103 -Protocol Tcp -Direction Inbound -Priority 110 -SourceAddressPrefix Internet -SourcePortRange * -
104 -DestinationAddressPrefix * -DestinationPortRange 22
105 $nsg = New-AzNetworkSecurityGroup -ResourceGroupName $resourceGroup -Location $location -
106 -Name $nsgName -SecurityRules $rdpRule
107 $vnet = Get-AzVirtualNetwork -ResourceGroupName $resourceGroup -Name $vnetName
108
109 #Create Fushion Hub VM
110
111 #Set the context to the subscription Id where the managed disk is located
112 Select-AzSubscription -SubscriptionId $SubscriptionId
113
114 #Get the Managed Disk based on the resource group and the disk name
115 $disk = Get-AzDisk -ResourceGroupName $resourceGroup -DiskName $diskName
116
117 #Initialize virtual machine configuration
118 $VirtualMachine = New-AzVMConfig -VMName $virtualMachineName -VMSize $virtualMachineSize
119
120 #Use the Managed Disk Resource Id to attach it to the virtual machine. Please change the OS type to Linux if OS disk has Linux OS
121 $VirtualMachine = Set-AzVMOSDisk -VM $VirtualMachine -ManagedDiskId $disk.Id -CreateOption Attach -Linux
122
123 #Create a public IP for the VM
124 $publicIp = New-AzPublicIpAddress -Name ($VirtualMachineName.ToLower() + '_ip') -ResourceGroupName $resourceGroup -Location $Location
125 -AllocationMethod Dynamic
126
127 #Get the virtual network where virtual machine will be hosted
128 $vnet = Get-AzVirtualNetwork -Name $virtualNetworkName -ResourceGroupName $resourceGroup
129
130 # Create NIC in the first subnet of the virtual network
131 $nic = New-AzNetworkInterface -Name ($VirtualMachineName.ToLower() + '_nic') -ResourceGroupName $resourceGroup -Location $Location -SubnetId $vnet.
132 Subnets[0].Id -PublicIpAddressId $publicIp.Id
133
134 $VirtualMachine = Add-AzVMNetworkInterface -VM $VirtualMachine -Id $nic.Id
135
136 #Create the virtual machine with Managed Disk
137 New-AzVM -VM $VirtualMachine -ResourceGroupName $resourceGroup -Location $Location

```