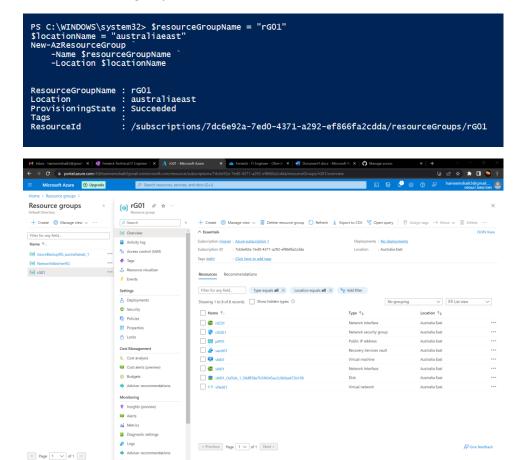
Fenwick Technical IT Engineer Task

Script to deploy a Windows IIS Server on Azure with the following specifications:

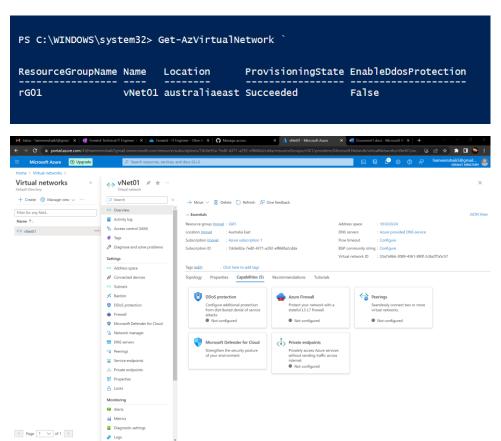
- 1. Pick an appropriate Windows Server image to support Hot patching.
- 2. Pick an appropriate size for a small IIS server (1-5 users, static website) with very low average CPU.
- 3. Deploy within the Australia East region.
- 4. Use an appropriate subnetting scheme for approximately 20 related machines.
- 5. Make sure the machine is secure with only secure public web access.
- 6. Create and apply an appropriate backup policy.

PowerShell script execution screenshots (PowerShell Script CLI & Azure Portal UI)

• Resource group creation:

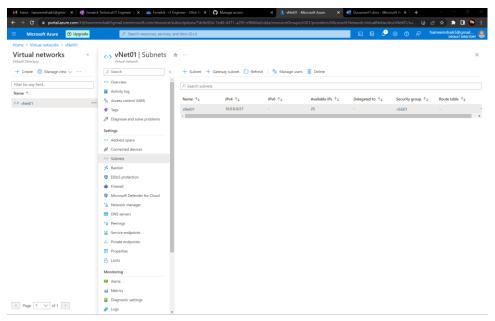


• Virtual network creation:

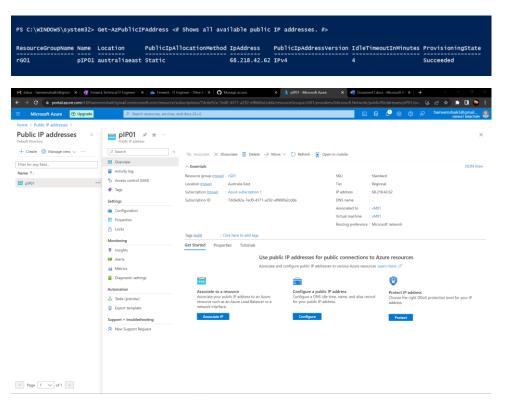


• Subnet creation:

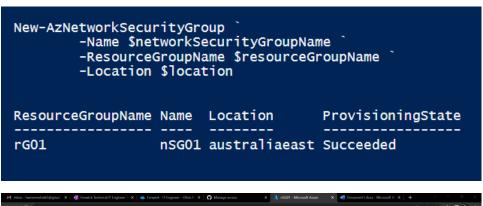


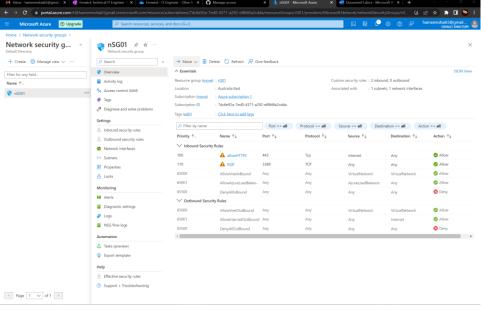


• Public IP address creation:

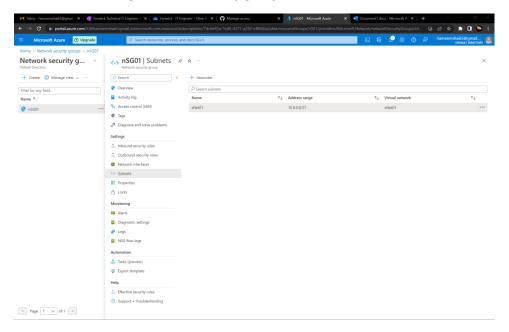


• Network security group creation:

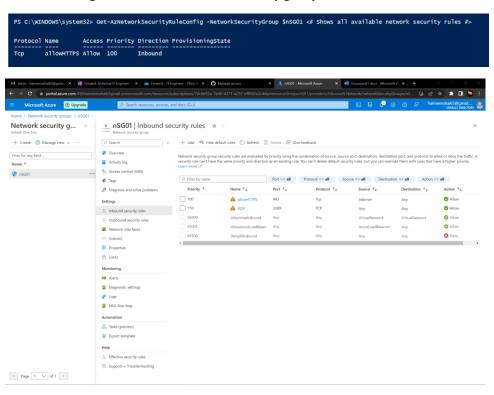




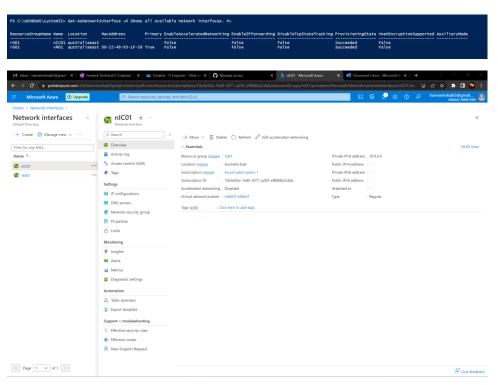
• Associating network security group: nSG01 to the subnet: sNet01:

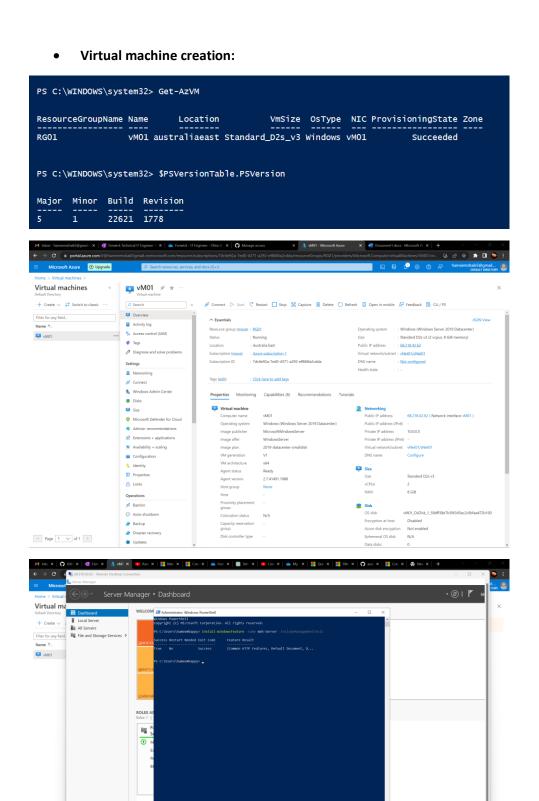


• Adding a rule to the network security group:

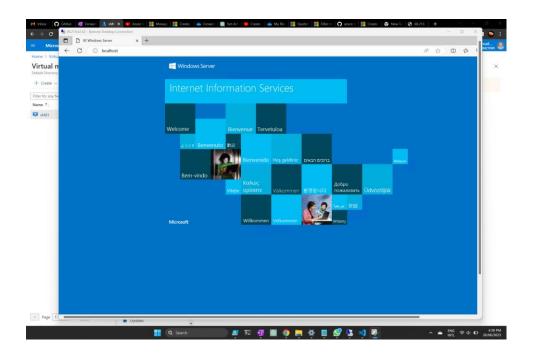


• Create a virtual network interface:

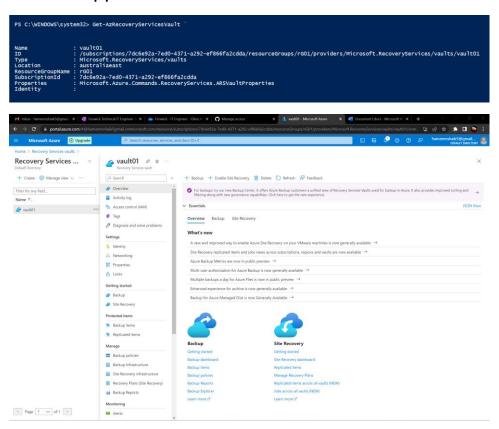




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Backup process:



PS C:\WINDOWS\system32> SbackUpPolicyOl = Get-AZRecoveryServicesBackupProtectionPolicy -Name "DefaultPolicy"

PS C:\WINDOWS\system32> SresourceGroupName = "rGO1"
SlocationName = "australiseast" <# 3. Deploy within the Australia East region. #>
StudhetName = "SNENG1"
StudhetName = "SNENG1"
SpublicIPName = "PIPO1"
SpublicIPName = "PIPO1"
SpublicIPName = "SNENG1"
SnetworkSecurityGroupName = "nSGO1"
SNETWORKSECURITYGROUPNAME =

WorkloadName			Status	StartTime	EndTime
		eBackup	Completed	26/06/2023 8:11:25	
PS C:\WINDOWS\sy:	stem32> Backup-AzRe	coveryServicesBac	kupItem -Item \$item		
WorkloadName vm01	Operation Backup	Status InProgress	StartTime 26/06/2023 8:20:59 AM	EndTime 	JobID Of536bce-175a-423d-bd62-28369ea5fd6b
PS C:\WINDOWS\sy:	· stem32> Get-AzRecov	/eryServicesBacku			
WorkloadName	Operation	Status	StartTime	EndTime	JobID
vm01 vm01	Backup ConfigureBackup	InProgress Completed	26/06/2023 8:20:59 A 26/06/2023 8:11:25 A		 0f536bce-175a-423d-bd62-28369ea5fd6b b3403b43-c891-46b8-a79b-29cd52fd272c