Core – building Virtual Machines from the Portal and command line

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/quick-create-portal>

NOTE: If you cannot connect using RDP to the virtual machine then use these commands from Cloud Shell

1. Enable-AzVMPSRemoting -name myvm -ResourceGroupName myresourcegroup
2. Enter-AzVm -Name myvm -ResourceGroupName myresourcegroup -Credential azureuser
3. Install-WindowsFeature -name Web-Server -IncludeManagementTools
4. exit

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/quick-create-powershell>

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/quick-create-cli>

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/>

Optional – Using custom images, backing up and using a custom script extension. You may need to run the following command in Cloud Shell before doing the backup practice

Register-AzureRmProviderFeature -FeatureName "InstantBackupandRecovery" –ProviderNamespace Microsoft.RecoveryServices

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-custom-images>

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-backup-vms>

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-automate-vm-deployment>

To install bginfo to a running vm

Set-AzureRmVMExtension -Extensionname bginfo -ResourceGroupName <resource group name> -Vmname <vmname> -Location 'west europe' -Publisher microsoft.compute -ExtensionType bginfo -Version 2.1