Practice - Custom Script Extension

In this demonstration, we will explore Custom Script Extensions.

Run a PowerShell script on a virtual machine

Note: This scenario requires a Windows virtual machine in the running state.

1. Connect (RDP) to your Windows virtual machine and open a PowerShell prompt.
2. Run this command and verify the Web Server feature status is **Available** but not Installed.`Get-WindowsFeature -name Web-Server`
3. Create a file **Install_IIS.ps1** on your local machine.
4. Edit the file and add this command:`Install-WindowsFeature -Name Web-Server`
5. In the Azure Portal, access your virtual machine, and select **Extensions**.
6. Click **+ Add**. Take a minute to review the many different extensions that are available.
7. Locate the **Custom Script Extension** resource, select, and click **Create**.
8. Browse to your PowerShell script and upload the file. You should see a notification that the file was uploaded.
9. Click **OK**.
10. Select your **CustomScriptExtension**.
11. Click **View detailed status** and verify provisioning succceeded.
12. Return to your virtual machine RDP session.
13. Verify the Web Server role was installed. This may take a couple of minutes.`Get-WindowsFeature -name Web-Server`

Note: You could also use the PowerShell Set-AzVmCustomScriptExtension command to deploy the extension. You would need to upload the script to blob container and use the URI. We will do this in the next demonstration.

```
Set-AzVmCustomScriptExtension -FileUri
https://scriptstore.blob.core.windows.net/scripts/DeployWebSer
ver.ps1 -Run "PowerShell.exe" -VmName vmName -
ResourceGroupName resourceGroup -Location "location"
```