

Crear una máquina virtual en Azure con un Windows Server y un Internet Information Services (IIS) desde PowerShell

```
# Variables for common values
$resourceGroup = "myResourceGroup"
$location = "westeurope"
$vmName = "myVM"

# Create user object
$cred = Get-Credential -Message "Usuario y password para la
máquina virtual"

# Create a resource group
New-AzResourceGroup -Name $resourceGroup -Location $location

# Create a virtual machine
New-AzVM
  -ResourceGroupName $resourceGroup
  -Name $vmName
  -Location $location
  -ImageName "Win2016Datacenter"
  -VirtualNetworkName "myVnet"
  -SubnetName "mySubnet"
  -SecurityGroupName "myNetworkSecurityGroup"
  -PublicIpAddressName "myPublicIp"
  -Credential $cred
  -OpenPorts 80

# Install IIS
$PublicSettings = '{"commandToExecute":"powershell Add-
WindowsFeature Web-Server"}'
```

```
Set-AzVMExtension -ExtensionName "IIS" -ResourceGroupName
$resourceGroup -VMName $vmName
    -Publisher "Microsoft.Compute" -ExtensionType
"CustomScriptExtension" -TypeHandlerVersion 1.4
    -SettingString $PublicSettings -Location $location
```

The screenshot shows the Windows PowerShell ISE interface. The script being executed is as follows:

```
16 -Location $location
17 -ImageName "win2016Datacenter"
18 -VirtualNetworkName "myVnet"
19 -SubnetName "mySubnet"
20 -SecurityGroupName "myNetworkSecurityGroup"
21 -PublicIpAddressName "myPublicIp"
22 -Credential $cred
23 -OpenPorts 80
24
25 # Install IIS
26 $PublicSettings = '{"commandToExecute":"powershell Add-WindowsFeature Web-Server"}'
27
28 Set-AzVMExtension -ExtensionName "IIS" -ResourceGroupName $resourceGroup -VMName $vmName
29 -Publisher "Microsoft.Compute" -ExtensionType "CustomScriptExtension" -TypeHandlerVersion 1.4
30 -SettingString $PublicSettings -Location $location
31
```

The console output shows the execution of the script:

```
PS C:\WINDOWS\system32> $PublicSettings = '{"commandToExecute":"powershell Add-WindowsFeature Web-Server"}'
Set-AzVMExtension -ExtensionName "IIS" -ResourceGroupName $resourceGroup -VMName $vmName
-Publisher "Microsoft.Compute" -ExtensionType "CustomScriptExtension" -TypeHandlerVersion 1.4
-SettingString $PublicSettings -Location $location
```

At the bottom, a status bar indicates: "Se está ejecutando el script o la selección. Presione Ctrl+Inter para detenerlo. Presione Ctrl+B para interrumpir el depurador." The status bar also shows "Lin. 31 Col. 1" and "130 %".

