

Ejercicios de PowerShell: SSH

Instalar y ejecutar SSH para PowerShell

```
Install-Module -Name Posh-SSH -RequiredVersion 2.0.2
Set-ExecutionPolicy -ExecutionPolicy RemoteSigned
New-SSHSession -ComputerName 10.0.2.11 -Credential (Get-Credential)
```

Conexión después de haber desconectado y quitado el módulo Posh-SSH (hay que volver a importarlo)

```
Set-ExecutionPolicy -ExecutionPolicy Unrestricted
```

```
Import-Module Posh-SSH
```

```
New-SSHSession -ComputerName 10.20.104.19 -Credential (Get-Credential)
```

```
Get-SSHSession
```

```
(Invoke-SSHCommand -Index 0 "uname -r").output
```

```
(Invoke-SSHCommand -Index 0 "lscpu").output | Out-File
informacionunubntu.txt -Append
```

```
(Invoke-SSHCommand -Index 0 "lshw").output | Out-File
informacionunubntu.txt -Append
```

```
(Invoke-SSHCommand -Index 0 "nproc").output | Out-File
informacionunubntu.txt -Append
```

Ejemplo: obtener información sobre la versión de Linux

```
Install-Module -Name Posh-SSH -RequiredVersion 2.0.2
Set-ExecutionPolicy -ExecutionPolicy RemoteSigned
New-SSHSession -ComputerName 10.0.2.14 -Credential (Get-Credential)
```

```
Get-SSHSession
Invoke-SSHCommand -Index 0 "uname"
```

Ejemplo: obtener información sobre la CPU

```
# Realizar la conexión SSH
Install-Module -Name Posh-SSH -RequiredVersion 2.0.2
Set-ExecutionPolicy -ExecutionPolicy RemoteSigned
New-SSHSession -Computer
# Obtener información sobre el procesador desde Linux mediante
una conexión SSH
(Invoke-SSHCommand -Index 0 "bash -c lscpu | grep '32-bit'")
(Invoke-SSHCommand -Index 0 "bash -c lscpu | grep '32-bit' |
cut -d':' -f2 | cut -d'-' -f1 ").output
# ¿Es intel?
(Invoke-SSHCommand -Index 0 "lscpu").output
if((Invoke-SSHCommand -Index 0 "lscpu").output -match
"Intel"){ "Intel" } else { "No es Intel" }
(Invoke-SSHCommand -Index 0 "lscpu").output | select-string
"cache"
```