**PowerShell**

**PowerShell** is a task automation and configuration management framework from [Microsoft](https://en.wikipedia.org/wiki/Microsoft), consisting of a [command-line](https://en.wikipedia.org/wiki/Command-line) [shell](https://en.wikipedia.org/wiki/Shell_(computing)" \o "Shell (computing))and associated [scripting language](https://en.wikipedia.org/wiki/Scripting_language).

* **Rename the computer name**

Rename-Computer ComputerName  
Restart-Computer

* **IP address Configration**

**Get-NetIPAddress**

* **Configure Static IP address**

**New-NetIPAddress 192.168.1.10 -interfaceAlias Ethernet0 -DefaultGateway 192.168.1.1 -AddressFamily IPV4 -PrefixLength 24**

* **Configure a network connection with a new DNS server address**

Set-DnsClientServerAddress -InterfaceAlias "Ethernet" -ServerAddresses 10.10.10.1

* **Join a computer to a domain**

Add-Computer -DomainName corp.contoso.com

Restart-Computer

* **Install Active Directory Domain Services (AD DS) and DNS and create a new domain in a new forest**

Install-WindowsFeature AD-Domain-Services -IncludeManagementTools  
Install-ADDSForest -DomainName "corp.contoso.com"