

# AD DS Deployment Cmdlets in Windows PowerShell

This topic contains brief descriptions of the Windows PowerShell® cmdlets that are for use in deploying Active Directory Domain Services (AD DS) in Windows Server® 2012

Cmdlet	Description
<a href="#">Add-ADDSThreadOnlyDomainControllerAccount</a>	Creates a read-only domain controller (RODC) account that can be used to install an RODC in Active Directory.
<a href="#">Install-ADDSDomain</a>	Installs a new Active Directory domain configuration.
<a href="#">Install-ADDSDomainController</a>	Installs a domain controller in Active Directory.
<a href="#">Install-ADDSTorest</a>	Installs a new Active Directory forest configuration.
<a href="#">Test-ADDSDomainControllerInstallation</a>	Runs the prerequisites (only) for installing a domain controller in Active Directory.
<a href="#">Test-ADDSDomainControllerUninstallation</a>	Runs the prerequisites (only) for uninstalling a domain controller in Active Directory.
<a href="#">Test-ADDSDomainInstallation</a>	Runs the prerequisites (only) for installing a new Active Directory domain configuration.
<a href="#">Test-ADDSTorestInstallation</a>	Runs the prerequisites (only) for installing a new forest in Active Directory.
<a href="#">Test-ADDSThreadOnlyDomainControllerAccountCreation</a>	Runs the prerequisites (only) for adding a read-only domain controller (RODC) account.
<a href="#">Uninstall-ADDSDomainController</a>	Uninstalls a domain controller in Active Directory.

## Tip

You can import and display the cmdlets by running the following commands from Windows PowerShell. You need only run the Add-WindowsFeature for the specific server role that you would like to add.

- **Import-Module ServerManager** – Imports the Server Manager module that provides the Add-WindowsFeature cmdlet.
- **Add-WindowsFeature AD-Domain-Services** – Adds the Active Directory Domain Services binaries.
- **Import-Module ADDSDeployment** – Imports the AD DS Deployment module that provides the above cmdlets.
- **Get-Command -Module ADDSDeployment** – Displays all the above cmdlets that are associated with AD DS Deployment.