Active Directory module cmdlets

You can use the Active Directory module cmdlets to perform various administrative, configuration, and diagnostic tasks in your AD DS and AD LDS environments. In this release of Windows Server 2008 R2, you can use the Active Directory module to manage existing Active Directory user and computer accounts, groups, organizational units (OUs), domains and forests, domain controllers, and password policies, or you can create new ones.

The following table lists all the cmdlets that are available in this release of the Active Directory module in Windows Server 2008 R2.

Cmdlet	Description
Add-ADComputerServiceAccount	Adds one or more service accounts to an Active Directory computer.
Add-ADDomainControllerPasswordReplicationPolicy	Adds users, computers, and groups to the Allowed List or the Denied List of the read-only domain controller (RODC) Password Replication Policy (PRP).
Add-ADFineGrainedPasswordPolicySubject	Applies a fine-grained password policy to one more users and groups.
Add-ADGroupMember	Adds one or more members to an Active Directory group.
Add-ADPrincipalGroupMembership	Adds a member to one or more Active Directory groups.
Clear-ADAccountExpiration	Clears the expiration date for an Active Directory account.
Disable-ADAccount	Disables an Active Directory account.
Disable-ADOptionalFeature	Disables an Active Directory optional feature.
Enable-ADAccount	Enables an Active Directory account.
Enable-ADOptionalFeature	Enables an Active Directory optional feature.
Get-ADAccountAuthorizationGroup	Gets the Active Directory security groups that contain an account.
Get-ADAccountResultantPasswordReplicationPolicy	Gets the resultant password replication policy for an Active Directory account.
Get-ADComputer	Gets one or more Active Directory computers.
Get-ADComputerServiceAccount	Gets the service accounts that are hosted by an Active Directory computer.
Get-ADDefaultDomainPasswordPolicy	Gets the default password policy for an

	Active Directory domain.
[Get-ADDomain](#)	Gets an Active Directory domain.
[Get-ADDomainController](#)	Gets one or more Active Directory domain controllers, based on discoverable services criteria, search parameters, or by providing a domain controller identifier, such as the NetBIOS name.
[Get-ADDomainControllerPasswordReplicationPolicy](#)	Gets the members of the Allowed List or the Denied List of the RODC PRP.
[Get-ADDomainControllerPasswordReplicationPolicyUsage](#)	Gets the resultant password policy of the specified ADAccount on the specified RODC.
[Get-ADFineGrainedPasswordPolicy](#)	Gets one or more Active Directory fine-grained password policies.
[Get-ADFineGrainedPasswordPolicySubject](#)	Gets the users and groups to which a fine-grained password policy is applied.
[Get-ADForest](#)	Gets an Active Directory forest.
[Get-ADGroup](#)	Gets one or more Active Directory groups.
[Get-ADGroupMember](#)	Gets the members of an Active Directory group.
[Get-ADObject](#)	Gets one or more Active Directory objects.
[Get-ADOptionalFeature](#)	Gets one or more Active Directory optional features.
[Get-ADOrganizationalUnit](#)	Gets one or more Active Directory OUs.
[Get-ADPrincipalGroupMembership](#)	Gets the Active Directory groups that have a specified user, computer, or group.
[Get-ADRootDSE](#)	Gets the root of a domain controller information tree.
[Get-ADServiceAccount](#)	Gets one or more Active Directory service accounts.
[Get-ADUser](#)	Gets one or more Active Directory users.
[Get-ADUserResultantPasswordPolicy](#)	Gets the resultant password policy for a user.
[Install-ADServiceAccount](#)	Installs an Active Directory service account on a computer.
[Move-ADDirectoryServer](#)	Moves a domain controller in AD DS to

	a new site.
Move-ADDirectoryServerOperationMasterRole	Moves operation master (also known as flexible single master operations or FSMO) roles to an Active Directory domain controller.
Move-ADObject	Moves an Active Directory object or a container of objects to a different container or domain.
New-ADComputer	Creates a new Active Directory computer.
New-ADFineGrainedPasswordPolicy	Creates a new Active Directory fine-grained password policy.
New-ADGroup	Creates an Active Directory group.
New-ADObject	Creates an Active Directory object.
New-ADOrganizationalUnit	Creates a new Active Directory OU.
New-ADServiceAccount	Creates a new Active Directory service account.
New-ADUser	Creates a new Active Directory user.
Remove-ADComputer	Removes an Active Directory computer.
Remove-ADComputerServiceAccount	Removes one or more service accounts from a computer.
Remove-ADDomainControllerPasswordReplicationPolicy	Removes users, computers, and groups from the Allowed List or the Denied List of the RODC PRP.
Remove-ADFineGrainedPasswordPolicy	Removes an Active Directory fine-grained password policy.
Remove-ADFineGrainedPasswordPolicySubject	Removes one or more users from a fine-grained password policy.
Remove-ADGroup	Removes an Active Directory group.
Remove-ADGroupMember	Removes one or more members from an Active Directory group.
Remove-ADObject	Removes an Active Directory object.
Remove-ADOrganizationalUnit	Removes an Active Directory OU.
Remove-ADPrincipalGroupMembership	Removes a member from one or more Active Directory groups.
Remove-ADServiceAccount	Removes an Active Directory service account.
Remove-ADUser	Removes an Active Directory user.
Rename-ADObject	Changes the name of an Active Directory object.
Reset-ADServiceAccountPassword	Resets the service account password for

	a computer.
Restore-ADObject	Restores an Active Directory object.
Search-ADAccount	Gets Active Directory user, computer, and service accounts.
Set-ADAccountControl	Modifies user account control (UAC) values for an Active Directory account.
Set-ADAccountExpiration	Sets the expiration date for an Active Directory account.
Set-ADAccountPassword	Modifies the password of an Active Directory account.
Set-ADComputer	Modifies an Active Directory computer.
Set-ADDefaultDomainPasswordPolicy	Modifies the default password policy for an Active Directory domain.
Set-ADDomain	Modifies an Active Directory domain.
Set-ADDomainMode	Sets the domain functional level for an Active Directory domain.
Set-ADFineGrainedPasswordPolicy	Modifies an Active Directory fine-grained password policy.
Set-ADForest	Modifies an Active Directory forest.
Set-ADForestMode	Sets the forest mode for an Active Directory forest.
Set-ADGroup	Modifies an Active Directory group.
Set-ADObject	Modifies an Active Directory object.
Set-ADOrganizationalUnit	Modifies an Active Directory OU.
Set-ADServiceAccount	Modifies an Active Directory service account.
Set-ADUser	Modifies an Active Directory user.
Uninstall-ADServiceAccount	Uninstalls an Active Directory service account from a computer.
Unlock-ADAccount	Unlocks an Active Directory account.

Note

To list all the cmdlets that are available in the Active Directory module, use the **Get-Command *-AD*** cmdlet.

For more information about—or for the syntax for—any of the Active Directory module cmdlets, use the **Get-Help <cmdlet name>** cmdlet, where **<cmdlet name>** is the name of the cmdlet that you want to research. For more detailed information, you can run any of the following cmdlets:

- **Get-Help <cmdlet name> -Detailed**

- **Get-Help <cmdlet name> -Full**

- **Get-Help <cmdlet name> -Detailed**

- **Get-Help <cmdlet name> -Examples**