

# Active Directory

To get a list of the FSMO Role holders for a Single Domain.

```
Get-ADDomain | Select-Object DistinguishedName, SchemaMaster, DomainNamingMaster, InfrastructureMaster, PDCEmulator, RIDMaster
```

To get a list of the FSMO Role holders in a Forest.

```
Get-ADForest | Select-Object Name,SchemaMaster, DomainNamingMaster,InfrastructureMaster, PDCEmulator, RIDMasterall
```

To get a nicely formatted list with all the Domain Controllers and who owns which particular role.

```
Get-ADDomainController -Filter * | Select-Object Name, Domain, Forest, OperationMasterRoles | Where-Object {$_.OperationMasterRoles}
```

Create a new AD computer.

```
$ServerName="newsys"
$DC="ads01.example.com"
$OU="OU=SERVERS,DC=example,DC=com"
New-ADComputer -Name $ServerName -SamAccountName $ServerName -Path $OU -Description "Apache Win Development" -Server $DC -Enabled $True
```

Unlock an account

```
get-ADUser -Identity <username> -Properties LockedOut
Unlock-ADAccount -Identity <username>
```

Change a password

```
$SecPaswd= ConvertTo-SecureString -String 'kPnguoHTUQ' -AsPlainText -Force
Set-ADAccountPassword -Reset -NewPassword $SecPaswd -Identity cescvso01
Set-ADUser -Identity <username> -ChangePasswordAtLogon $false
```

New AD group

```
$GroupName="SvrOps"
```

```
$OU="OU=GROUPS,DC=exmple,DC=com"
```

```
New-ADGroup $GroupName -Path $OU -GroupCategory Security -GroupScope Global -PassThru -Verbose
```

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