

## 03-01 Managing Users

### Basic Commands

```
New-aduser
Set-aduser
Get-aduser
Remove-aduser
```

### Advanced Commands

```
New-ADUser
  -Name "Judy Smith"
  -AccountPassword (Read-Host -AsSecureString "Input User Password")
  -ChangePasswordAtLogon $True
  -Company "LinkedIn Learning"
  -Title "CEO"
  -State "California"
  -City "San Francisco"
  -Description "Test Account Creation"
  -EmployeeNumber "1"
  -Department "Executives"
  -DisplayName "Judy Smith CEO" `
  -Country "us" `
  -PostalCode "90210"
  X -Enabled $True
```

To see a list of user attributes:

```
Get-aduser "username"
```

To change an attribute already created:

```
Set-user "username" -title sales
```

Go to ADUC to see the change in organization tab.

To remove a user:

```
Remove-aduser "username"
```

To confirm the account is gone:

```
Get-aduser "username"
```

## Additional User Commands

Get User and List Specific Properties

Add whatever you want to display after select:

```
Get-ADUser username -Properties * | Select name, department, title
```

Get All Active Directory Users in Domain:

```
Get-ADUser -Filter *
```

Get All Users from a Specific OU:

```
OU = the distinguished path of the OU  
Get-ADUser -SearchBase "OU=ADPRO  
Users,dc=ad,dc=activedirectorypro.com" -Filter *
```

Get AD Users by Name:

*This command will find all users that have the word robert in the name. Just change robert to the word you want to search for.*

```
get-Aduser -Filter {name -like "*robert*"}
```

Get All Disable User Accounts:

```
Search-ADAccount -AccountDisabled | select name
```

Disable User Account:

```
Disable-ADAccount -Identity rallen
```

Enable User Account:

```
Enable-ADAccount -Identity rallen
```

Get All Accounts with Password Set to Never Expire:

```
get-aduser -filter * -properties Name, PasswordNeverExpires | where  
{$_passwordNeverExpires -eq "true" } | Select-Object  
DistinguishedName,Name,Enabled
```

Find All Locked User Accounts:

```
Search-ADAccount -LockedOut
```

Unlock User Account:

```
Unlock-ADAccount -Identity john.smith
```