

## PowerShell ADUser

Time required: 30 minutes

### Get-ADUser

Logon to Server1. Run the following commands at a PowerShell prompt.

1. Get a list of all Active Directory users with some basic properties.

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

2. Get basic properties for a specific user.

```
# Get information for a specific user  
Get-ADUser -Identity Sales1
```

3. When did this user last logon to the server?

```
11 # When did the user last logon to the server?  
12 Get-ADUser -Identity Sales1 -Properties LastLogonDate
```

4. Select specific properties for all users. Get the name and last logon date for all users.

```
# Select only the properties needed for all users  
Get-ADUser -Filter * -Properties LastLogonDate | Format-Table name, LastLogonDate
```

5. There are some searches predefined in PowerShell. Run each of these searches at the PowerShell prompt.

```
# Use builtin searches  
Search-ADAccount -AccountDisabled  
Search-ADAccount -AccountExpired  
Search-ADAccount -AccountExpiring  
Search-ADAccount -AccountInactive -DateTime '1/1/2023'  
Search-ADAccount -LockedOut  
Search-ADAccount -PasswordExpired  
Search-ADAccount -PasswordNeverExpires
```

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## **Assignment Submission**

1. Attach screenshots in a Word Document showing the successful operation of the programs.
2. Submit in Blackboard.