

05-02 Generating Custom Reports

Create a custom report with specific objects in Active Directory to find out how many users we have, if their account is enabled, and other options:

```
# Import the Active Directory module
Import-Module ActiveDirectory

# Define the report output file path
$reportFilePath = "C:\UserReport.csv"

# Retrieve user information from Active Directory
$users = Get-ADUser -Filter * -Properties DisplayName,
SamAccountName, EmailAddress, Enabled |
    Select-Object DisplayName, SamAccountName,
EmailAddress, Enabled

# Export the user information to a CSV file
$users | Export-Csv -Path $reportFilePath -NoTypeInformation

# Display a confirmation message
Write-Host "User report generated successfully. File saved at:
$reportFilePath"
```

Create a custom report with specific objects in Active Directory to find out how many groups we have, if their account is enabled, and other options:

```
# Import the Active Directory module
Import-Module ActiveDirectory

# Define the report output file path
$reportFilePath = "C:\GroupReport.csv"

# Retrieve group information from Active Directory
$groups = Get-ADGroup -Filter * -Properties Name, SamAccountName,
Description, GroupCategory, GroupScope |
    Select-Object Name, SamAccountName, Description,
GroupCategory, GroupScope

# Export the group information to a CSV file
$groups | Export-Csv -Path $reportFilePath -NoTypeInformation

# Display a confirmation message
Write-Host "Group report generated successfully. File saved at:
$reportFilePath"
```