
PnP PowerShell Admin Scripts

Get User Details from SharePoint Group

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Environment Configuration

- Open Windows PowerShell/Windows PowerShell ISE in order to verify that you are able to execute the PowerShell script on the machine.
- Execute below command to make sure that you can execute PowerShell scripts from your machine in the case that is disabled due to security reasons.
 - `Get-ExecutionPolicy`
 - If you get output of above command as `Restricted` in that case, you are not allowed to execute PowerShell scripts on your machine.
- To enable the execution of PowerShell scripts on your machine, execute the below command which will allow you to execute PowerShell scripts on your.
 - `Set-ExecutionPolicy RemoteSigned`

Installation of PnP PowerShell Module

- What is PnP PowerShell?
 - SharePoint PnP (Patterns and Practices) PowerShell is the library of PowerShell command that allows you to perform complex provisioning and artefact management action towards SharePoint platform. The command will use CSOM and REST APIs call in backend of the PowerShell commands provided by the PnP PowerShell library. PnP PowerShell supports SharePoint Online as well as On Premise environment.
- Based on your target SharePoint version, you must install respective PowerShell module on machine from where you are going to execute the script.
- Please find following commands for different target environment.

SharePoint Environment	PnP Command
SharePoint 2013	<code>Install-Module SharePointPnPPowerShell2013</code>
SharePoint 2016	<code>Install-Module SharePointPnPPowerShell2016</code>
SharePoint 2019	<code>Install-Module SharePointPnPPowerShell2019</code>
SharePoint Online (Office 365)	<code>Install-Module SharePointPnPPowerShellOnline</code>

Note: *In order to install the PowerShell library on to your machine, it must be connected to the internet to get it installed.*

If your machine is not connected to internet you can download offline installer package from [here](#).

Get User Details from SP Group

- This script allows you to export all user details to an excel file for a specified SharePoint group.
- In this package, you will get 2 files and its usage is as below:
 - PnP_GetUserDetailsFromSPGroup.ps1
 - You must update the below mentioned 2 configuration parameters in the script file.
 - **\$InputFile**: Specify the input file from where the user group details will be read from by the script.
 - **\$ExportPath**: Specify the path to the folder where you would like to export the list of users who are part of specified group in input file.
 - **\$logPath**: Specify the path of the file where you would like to export the log of the script execution.

```
### START: Configuration Parameters ###
#Specify parameters
$InputFile = "D:\Scripts\ExportListData\Input.csv"
$ExportPath = "D:\Scripts\ExportListData\"
$logPath = "D:\Scripts\ExportListData\Log.txt"
### END: Configuration Parameters ###
```

- Input.csv
 - You must fill this CSV file in order to export user details who is part of specified SharePoint group under specified Site URL.

SiteUrl	SPGroup
https://contoso.sharepoint.com	Home Site Owners
https://contoso.sharepoint.com	Home Site Members
https://contoso.sharepoint.com/sites/sales	Sales Owners
https://contoso.sharepoint.com/sites/HR	HR Owners

- **SiteUrl**: Specify the URL of the SharePoint site.
- **SPGroup**: Specify the name of SharePoint group for which you would like to export user's member details.

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