Permission Report Selected Sites.ps1

# Usage:

The script will scan all the sites provided in the Input file and generate a permission report with user and group information permission on the site.

Note: This is a READ-ONLY script. It doesn’t make any changes to your tenant.

# Pre-requisites:

1. App Registration with following Application API permission. <https://learn.microsoft.com/en-us/sharepoint/dev/solution-guidance/security-apponly-azuread>
   1. SharePoint - Sites.FullControl.All – (Type: Application)

A screenshot of a computer

Description automatically generated

1. Certificate thumbprint. The PFX certificate should be installed into the executing machine.
2. Input file with list of site URL you want to execute the script. Refer the sample file below.



1. Configuration text file in JSON format.

{

"AppId": "5a77792e-4cd0-4ac4-839f-b4a9c5e4f8c1",

"Thumbprint": "6DF3D32DA943DDDC0C905A56C2A9C688A1C45C5C",

"TenantName": "m365x27828082.onmicrosoft.com",

"AdminURL": "https://m365x27828082-admin.sharepoint.com"

]

}

Refer the sample configuration file below.



1. PnP.Powershell module installed on the machine to execute the script. [Installing PnP PowerShell | PnP PowerShell](https://pnp.github.io/powershell/articles/installation.html)

# Execution steps:

1. Prepare the configuration file as given in the pre-requisites.
2. Edit the script “**Permission Report Selected Sites.ps1**” and update the Line # 18, 19, 20 to point the config file and output folder.

$configFilePath = "C:\temp\config.txt"

$InputFilePath = "C:\temp\Sites.txt"

$OutPutFolderpath= "C:\temp\"

1. Open PowerShell as an administrator from the machine (make sure the **PnP.Powershell** module is installed) and execute the script.

C:\temp> & '.\Permission Report Selected Sites.ps1'

# Output:

The script will generate 2 output file as follows in the Output folder path.

1. CSV file named “PermissionReportSelectedSitesDD-MM-YY (HH.MM.SS).csv”
2. Log file named “PermissionReportSelectedSitesLogDD-MM-YY (HH.MM.SS).txt”

