Connect-SPOnline command reference

Sunday, July 28, 2019   2:14 PM

SPOnline Mgmt Shell Reference
Start-transcript (of course)

https://docs.microsoft.com/en-us/powershell/sharepoint/sharepoint-online/connect-sharepoint-online?view=sharepoint-ps

Find info
Get-Module -Name Microsoft.Online.SharePoint.PowerShell -ListAvailable | Select Name,Version

Install module
Install-Module -Name Microsoft.Online.SharePoint.PowerShell

```
Windows PowerShell
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PS C:\WINDOWS\system32> Get-Module -Name Microsoft.Online.SharePoint.PowerShell -ListAvailable | Select Name,Version

Name                                     Version
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Microsoft.Online.SharePoint.PowerShell 16.0.7918.0

PS C:\WINDOWS\system32> Install-Module -Name Microsoft.Online.SharePoint.PowerShell

Untrusted repository
You are installing the modules from an untrusted repository. If you trust this repository, change its
InstallationPolicy value by running the Set-PSRepository cmdlet. Are you sure you want to install the modules from
'PSGallery'?
[Y] Yes  [A] Yes to All  [N] No  [L] No to All  [S] Suspend  [?] Help (default is "N"): A
WARNING: Version '16.0.7918.0' of module 'Microsoft.Online.SharePoint.PowerShell' is already installed at 'C:\Program
Files\SharePoint Online Management Shell\Microsoft.Online.SharePoint.PowerShell'. To install version '16.0.9119.1200',
run Install-Module and add the -Force parameter, this command will install version '16.0.9119.1200' in side-by-side
with version '16.0.7918.0'.
PS C:\WINDOWS\system32>
```

Get clean module

Connect with Username and password
$adminUPN="<the full email address of a SharePoint administrator account, example: jdoe@contosotoycompany.onmicrosoft.com>"
$orgName="<name of your Office 365 organization, example: contosotoycompany>"
$userCredential = Get-Credential -UserName $adminUPN -Message "Type the password."
Connect-SPOService -Url https://$orgName-admin.sharepoint.com -Credential $userCredential

Connecting with MFA
$orgName="<name of your Office 365 organization, example: contosotoycompany>"
Connect-SPOService -Url https://$orgName-admin.sharepoint.com

Connect to a site:
Get-SPOSite -Identity https://tentantname.sharepoint.com

How do I get all of my sites in the output? Not easy, but can be done.

PnP SharePoint Reference
https://docs.microsoft.com/en-us/powershell/sharepoint/sharepoint-pnp/sharepoint-pnp-cmdlets?view=sharepoint-ps

https://github.com/SharePoint/PnP-PowerShell

Check installed versions:
Get-Module SharePointPnPPowerShell* -ListAvailable | Select-Object Name,Version | Sort-Object Version -Descending

Install from github:
SharePoint Version   Command to install

SharePoint Online   Install-Module SharePointPnPPowerShellOnline
SharePoint 2019   Install-Module SharePointPnPPowerShell2019
SharePoint 2016   Install-Module SharePointPnPPowerShell2016
SharePoint 2013   Install-Module SharePointPnPPowerShell2013

Remove older versions:
Uninstall-Module SharePointPnPPowerShellOnline

Updating is much easier
Update-Module SharePointPnPPowerShell*

Connect to the tenant:
Connect-PnPOnline -Url https://tenantname.sharepoint.com -Credentials (Get-Credential)

With MFA:
Connect-PnPOnline -Url https://tenantname.sharepoint.com -UseWebLogin

SharePoint CSOM Reference
https://docs.microsoft.com/en-us/sharepoint/dev/sp-add-ins/complete-basic-operations-using-sharepoint-client-library-code

SPFx SharePoint Reference
https://docs.microsoft.com/en-us/sharepoint/dev/spfx/set-up-your-developer-tenant

https://docs.microsoft.com/en-us/sharepoint/dev/spfx/set-up-your-development-environment

https://docs.microsoft.com/en-us/sharepoint/dev/spfx/web-parts/get-started/build-a-hello-world-web-part

Stop-Transcript