

Power-Shell: Layer2 MS Teams connection creator for files backup

DESCRIPTION:

Creates Cloud Connector connections from a specified existing connection template.
The connection template must be used to backup the Microsoft Teams Shared Document files and save it to a local directory.

PARAMETER & Requirements:

\$templateConnectionPath: Specify your Cloud Connector connection template path.

\$MFA: Multi-Factor authentication true or false. If the multifactor authentication is enabled make sure to set this parameter.

Requirements:

Layer2 Cloud Connector v7.8.0.0 or above
PowerShell v4 or above

Connection Template:

The connection template should look as follow (copy/paste as required):

```
<?xml version="1.0"?>
<connection xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  version="1.4" firstRun="2020-07-22T12:11:12.3375721+00:00"
  maximumConsecutiveErrors="0" interval="60" enabled="false"
  overwriteDestination="false" xmlns="http://www.layer2.de/schemas/
cloudConnections">
  <dataEntities>
    <dataEntity type="source"
      name="Microsoft Teams"
      provider="Layer2.SharePoint.Provider"
      connectionString="Url=https://myTenant.sharepoint.com/sites/
myTeamSite/;List=Shared%20Documents;Authentication=Microsoft_Modern;"
      selectStatement="" />
    <dataEntity type="destination"
      name="Local File Path"
      provider="Layer2.FileSystem.Provider"
      connectionString="Directory=C:\Backup;"
      selectStatement="" />
  </dataEntities>
  <fieldMappings autoMapping="true" />
</connection>
```

Adjust the connection xml template and replace the yellow marked strings with your SharePoint tenant url and your local directory where the files will be backup.

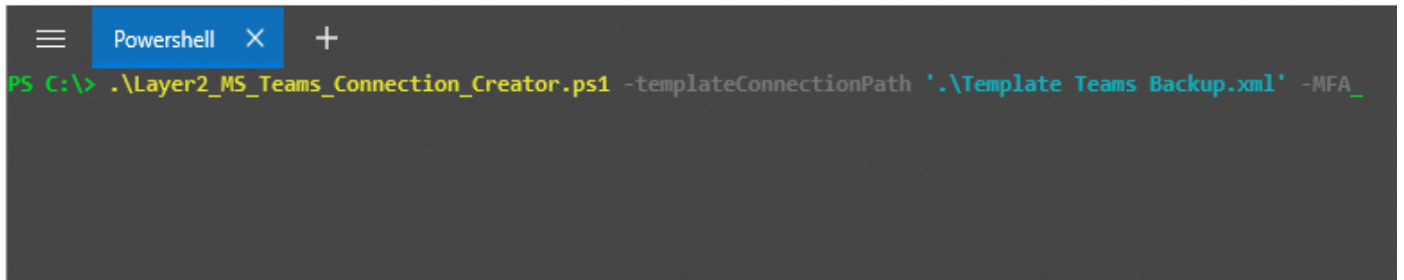
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How to:

* Make sure to invoke the [Set-ExecutionPolicy AllSigned](#) if you experience any problem when trying to execute the script.

Execute the script from the PowerShell Terminal:

PowerShell Terminal: `C:\> & '.\Layer2_MS_Teams_Connection_Creator.ps1' -templateConnectionPath 'C:\ProgramData\Layer2 Cloud Connector\Connections\Template Teams Backup' -MFA`

A screenshot of a PowerShell terminal window. The title bar shows 'Powershell' with a close button and a plus sign. The command prompt shows the command: `PS C:\> .\Layer2_MS_Teams_Connection_Creator.ps1 -templateConnectionPath '.\Template Teams Backup.xml' -MFA`. The command is partially executed, with the first part highlighted in green and yellow.

PowerShell modules; once executed the script will install the PowerShell modules **PnP** and **MicrosoftTeams** locally. This means the modules will be available only on the script directory to avoid possible conflicts with existing modules on the host machine.

Backup directory; the script will create a new folder under the specified backup directory. This folder will have the same name as the selected Microsoft Team that will be backup.

E.g.: The script is backing up the files of the team named **Marketing**

The main backup directory in file system is **C:\Teams**

The Script will backup the Marketing team files into the **C:\Teams\Marketing** directory

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Multiple connections; the script can create multiple connections based on the provided template. If you have a x numbers of teams that you would like to create a backup connection for, you can select multiple teams at the same time as shown below:

```
Successfully connected!

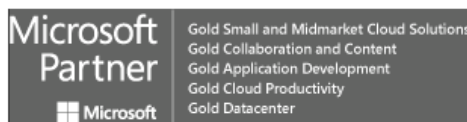
Account      : ████████████████████
Environment  : AzureCloud
Tenant       : ████████████████████
TenantId     : ████████████████████
TenantDomain : ████████████████████

Getting Teams...
-----
ID - Team Name
1 - Layer2-MA ████████████████████
2 - AppDevTest
3 - DevTeam
4 - Layer2-leading solutions
5 - Layer2
6 - EssenEssen
-----
Please enter the Team ID or IDs separated by coma(,). Leave empty and press Enter to select all Teams.
Enter Id: 1,3,5
```

Once the script is successfully connected to your tenant it will retrieve all the Microsoft Teams that your account is associated to (Except for the reserved hidden Teams).

You can select the teams by id, multiple ids if you want more than one team. If you like to create a backup connection for all of your teams just leave the Id empty and press enter.

That's all. Happy testing!



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