



## Step 1: Acquire the Migration Tool

- 2024-05-08 - Comments (0) - Migration

# Lasernet for Dynamics 365

To be able to migrate the configuration from one environment to another, we are required to download the migration tool provided by Microsoft.

### Prerequisites

To be able to execute the steps required in this article the following is required:

- Administrative access to the installation location

### Steps

1. Navigate to

<https://docs.microsoft.com/en-us/dynamics365/customer-engagement/developer/download-tools-nuget>

The screenshot shows a Microsoft Dynamics 365 Customer Engagement Developer Documentation page. The main content is titled "Download tools from NuGet". It includes a table mapping tools to their corresponding NuGet packages. A sidebar on the left lists "Developer tools" such as "Visual Studio and the .NET Framework", "Browse the metadata for your organization", and "Solution tools for team development". At the bottom of the page is a "Download tools using PowerShell" section with a note about opening it in Windows PowerShell.

Tool	NuGet Package
Code generation tool <code>CrmSvcUtil.exe</code>	<code>Microsoft.CrmSdk.CoreTools</code>
Configuration Migration tool <code>DataMigrationUtility.exe</code>	<code>Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf</code>
Package Deployer <code>PackageDeployer.exe</code>	<code>Microsoft.CrmSdk.XrmTooling.PackageDeployment.Wpf</code>
Plug-in Registration Tool <code>PluginRegistration.exe</code>	<code>Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool</code>
SolutionPackager tool <code>SolutionPackager.exe</code>	<code>Microsoft.CrmSdk.CoreTools</code>

2. Copy the script as instructed from the steps in the link above.

```
[Net.ServicePointManager]::SecurityProtocol =  
[Net.SecurityProtocolType]::Tls12  
$sourceNugetExe =
```

```

"https://dist.nuget.org/win-x86-commandline/latest/nuget.exe"
$targetNugetExe = ".\nuget.exe"
Remove-Item .\Tools -Force -Recurse -ErrorAction Ignore
Invoke-WebRequest $sourceNugetExe -OutFile $targetNugetExe
Set-Alias nuget $targetNugetExe -Scope Global -Verbose

## 
##Download Plugin Registration Tool
##
./nuget install Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool -O
.\Tools
md .\Tools\PluginRegistration
$prtFolder = Get-ChildItem .\Tools | Where-Object {$_.Name -match
'Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool.'}
move .\Tools\$prtFolder\tools\*.* .\Tools\PluginRegistration
Remove-Item .\Tools\$prtFolder -Force -Recurse

## 
##Download CoreTools
##
./nuget install Microsoft.CrmSdk.CoreTools -O .\Tools
md .\Tools\CoreTools
$coreToolsFolder = Get-ChildItem .\Tools | Where-Object {$_.Name -
match 'Microsoft.CrmSdk.CoreTools.'}
move .\Tools\$coreToolsFolder\content\bin\coretools\*.*
.\Tools\CoreTools
Remove-Item .\Tools\$coreToolsFolder -Force -Recurse

## 
##Download Configuration Migration
##
./nuget install
Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf -O .\Tools
md .\Tools\ConfigurationMigration
$configMigFolder = Get-ChildItem .\Tools | Where-Object {$_.Name -
match 'Microsoft.CrmSdk.XrmTooling.ConfigurationMigration.Wpf.'}
move .\Tools\$configMigFolder\tools\*.*
.\Tools\ConfigurationMigration
Remove-Item .\Tools\$configMigFolder -Force -Recurse

##

```

```

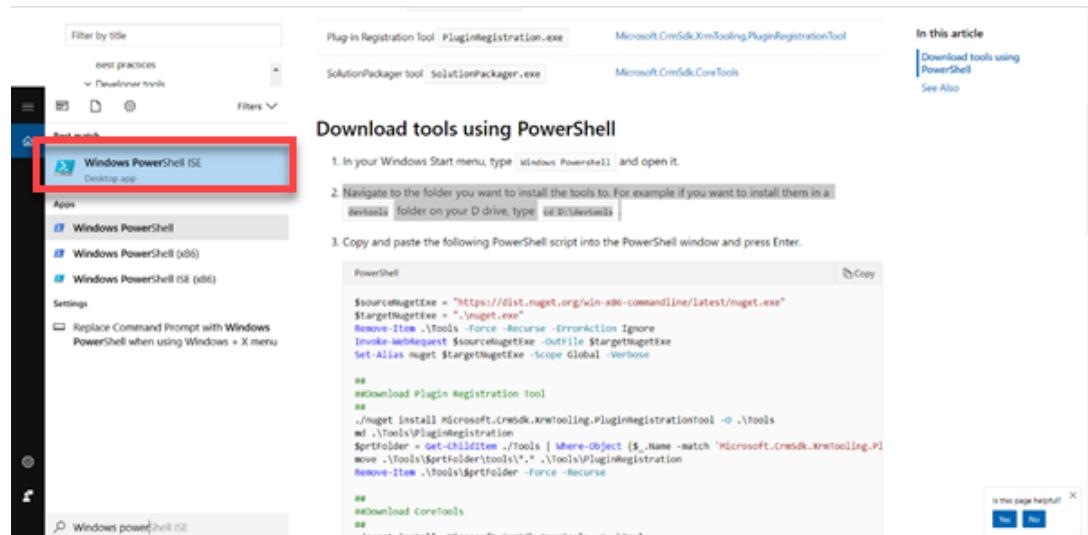
##Download Package Deployer
##
./nuget install Microsoft.CrmSdk.XrmTooling.PackageDeployment.WPF -O .\Tools
md .\Tools\PackageDeployment
$pdFolder = Get-ChildItem .\Tools | Where-Object {$__.Name -match 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.Wpf.'}
move .\Tools\$pdFolder\tools\*.* .\Tools\PackageDeployment
Remove-Item .\Tools\$pdFolder -Force -Recurse

##
##Download Package Deployer PowerShell module
##
./nuget install Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell -O .\Tools
$pdPoshFolder = Get-ChildItem .\Tools | Where-Object {$__.Name -match 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell.'}
move .\Tools\$pdPoshFolder\tools\*.* .\Tools\PackageDeployment.PowerShell
Remove-Item .\Tools\$pdPoshFolder -Force -Recurse

##
##Remove NuGet.exe
##
Remove-Item nuget.exe

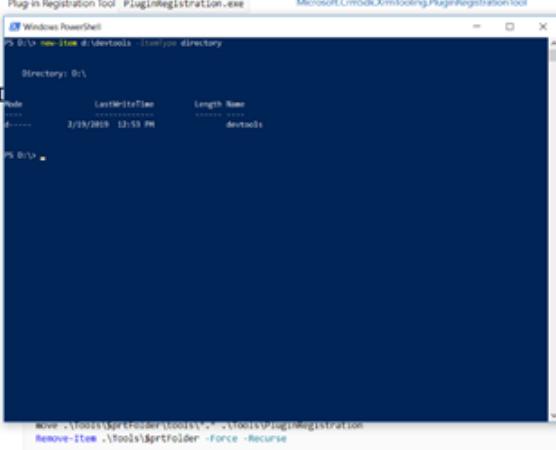
```

3. In your Windows Start menu, type "Windows Powershell" and open it.



4. Create a new folder where the tools need to be installed. Type:

"new-item d:\devtools -ItemType directory"



The screenshot shows a Windows PowerShell window titled "Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool". The command "new-item d:\devtools -ItemType directory" has been run, creating a new directory named "devtools" at the specified path. The PowerShell window also displays the script being run, which includes commands to move files from a temporary folder and remove the temporary folder.

```
PS D:\> new-item d:\devtools -ItemType directory
Directory: D:\

Mode LastWriteTime Length Name
---- -- -- -- --
d-- 3/18/2018 12:53 PM devtools

PS D:\>

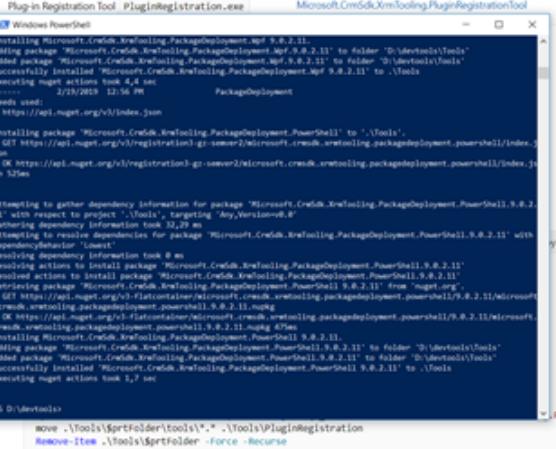
Move-Item $rootFolder\tools\*.* ..\Tools\PluginRegistration
Remove-Item ..\Tools\$rootFolder -Force -Recurse

## #Download CoreTools
## #/nupet install Microsoft.CrmSdk.CoreTools -o ..\Tools
```

5. Navigate to the folder you want to install the tools to. For example, if you want to install them in a *devtools* folder on your D drive, type "cd D:\devtools".

6. Paste the script copied above into the PowerShell window and press the Enter key.

PowerShell will finish with the following message:

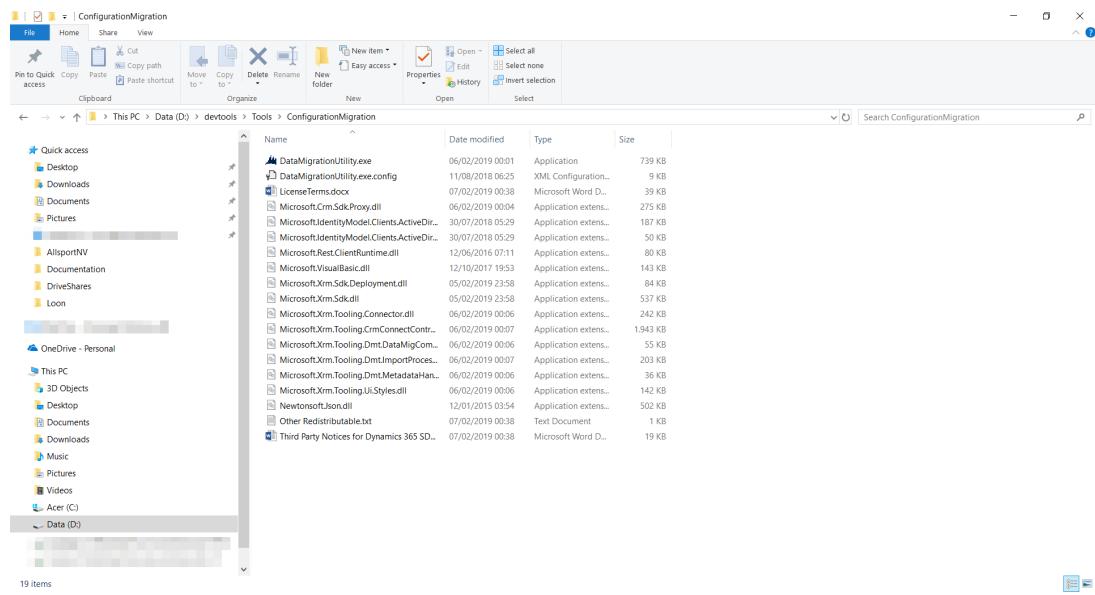


The screenshot shows a Windows PowerShell window titled "Microsoft.CrmSdk.XrmTooling.PluginRegistrationTool". The script has completed its execution, displaying the output of the "nupet install Microsoft.CrmSdk.CoreTools -o ..\Tools" command. The output shows the package being downloaded from NuGet and installed into the specified directory.

```
PS D:\devtools>
Installing Microsoft.CrmSdk.XrmTooling.PackageDeployment,mpf 9.8.2.11
Added package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment,mpf 9.8.2.11' to folder 'D:\devtools\Tools'
Successfully installed 'Microsoft.CrmSdk.XrmTooling.PackageDeployment,mpf 9.8.2.11' to ..\Tools
Executing nupet actions took 4.4 sec
3/18/2018 12:56 PM PackageDeployment
Feeds used:
https://api.nuget.org/v3/index.json
Installing package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' to '..\Tools'.
GET https://api.nuget.org/v3/registration3-gz-server2/microsoft.crm sdk.xrmtooling.packagedeployment.powershell/index.json
OK https://api.nuget.org/v3/registration3-gz-server2/microsoft.crm sdk.xrmtooling.packagedeployment.powershell/index.json
Attempting to gather dependency information for package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11 with
respect to project '..\Tools', targeting 'Any,Version=0.0.0'
Gathering dependency information took 32.29 ms
Attempting to resolve dependencies for package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11 with
dependency resolution results.
Resolving dependency information took 0 ms
Resolving actions to install package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11
Retrieving package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11 from 'nuget.org'.
GET https://api.nuget.org/v3-flatcontainer/microsoft.crm sdk.xrmtooling.packagedeployment.powershell/9.8.2.11/microsoft
.crm sdk.xrmtooling.packagedeployment.powershell.9.8.2.11.nupkg
Retrieving package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11 from 'nuget.org'.
GET https://api.nuget.org/v3-flatcontainer/microsoft.crm sdk.xrmtooling.packagedeployment.powershell/9.8.2.11/microsoft
.crm sdk.xrmtooling.packagedeployment.powershell.9.8.2.11.nupkg?Expires=1521300000&Signature=HgZCwX
Installing Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell 9.8.2.11
Adding package 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11 to folder 'D:\devtools\Tools'
Successfully installed 'Microsoft.CrmSdk.XrmTooling.PackageDeployment.PowerShell' 9.8.2.11 to ..\Tools
Executing nupet actions took 1.7 sec

## #Download CoreTools
## #/nupet install Microsoft.CrmSdk.CoreTools -o ..\Tools
```

7. Navigate to the corresponding folder. You will now have acquired the MigrationTool.



## Related Content

- [Step 3: Export Configuration Data](#)
- [Step 2: Create a Migration Schema](#)