

Installing a .nupkg on an offline machine

 nmanzi.com/blog/installing-nupkg-offline

January 22, 2020

Posted on Jan 22, 2020

The ability to find and install PowerShell modules from online sources like Nuget makes life for a Windows admin a smidge nicer. On the flipside, arbitrary trust of online package repositories and granting servers outbound internet access can be a nightmare for those tasked with protecting a network.

You might find yourself needing to install a PowerShell module (as a nupkg file) on a system with restricted (or no) internet access, as one of our security consultants found himself needing to do.

Here's a quick guide on how to achieve this. If only it were as simple as `Install-Package .\module.nupkg!`

Steps

1. Run `Install-PackageProvider -Name NuGet -RequiredVersion 2.8.5.201 -Force` to install the provider from a computer with an internet connection.
2. After the install, you can find the provider installed in `C:\Program Files\PackageManagement\ProviderAssemblies` – copy the Nuget folder to external media or otherwise find a way to get it to your target system.
3. Place the nuget folder in `C:\Program Files\PackageManagement\ProviderAssemblies` on your target computer.
4. Start a new PowerShell session on the target computer to auto-load the package provider.
5. Create a new folder in `C:\` named `Packages`
6. Copy your nupkg file(s) into `C:\Packages`
7. In PowerShell run `Register-PSRepository -Name Local -SourceLocation C:\Packages -InstallationPolicy Trusted`
8. You can list the packages available with `Find-Module -Repository Local`
9. Run `Install-Module -Name <YourModuleName>` where `<YourModuleName>` is the name of your package as returned by the command in step 8.

Thanks

I put this together with information from trebleCode and Nova Sys Eng on StackOverflow.
Thanks go out to those fine people.