ADFS - Export

Hi There,

Export /Import ADFS Claim Rules for your relying party trusts to a text file UncategorizedSometimes you might be bored creating similar/same claim rules accross your enviornments. I regularly use this script to export customer's environment when we're doing inventory & assessements.

Below method will quickly help you export your claim rules and apply to different relying party trust

Tip:

If you customer has Azure enabled and they can use Enterprise Applications you should try to move all applications that support SSO (single sign-on) to Azure Enterprise Applications to give users access through [https://myapps.microsoft.com](https://myapps.microsoft.com/) or <https://account.activedirectory.windowsazure.com/>

**Step1** : Export to a text file

**PowerShell**

###########################################################################################

#Author Thiago Beier thiago.beier@gmail.com

#Version: 1.0 - 2019-08-15

#Export ADFS relying party trust

#Export each separately on c:\users\YOUR-USERNAME\Documents\adfs\ folder

#OS Version and Build: Microsoft Windows Server 2016 Standard , 10.0.14393 N/A Build 14393

#Tested with SCCM Version: 1902

#Toronto,CANADA

#email: thiago.beier@gmail.com

#https://www.linkedin.com/in/tbeier/

###########################################################################################

$exportpath = "$env:USERPROFILE\Documents\adfs"

#creates c:\users\YOUR-USERNAME\Documents\adfs\ folder if doesn't exist

**If**(!(**test-path** "$exportpath"))

{

**New-Item** -ItemType Directory -Force -Path $exportpath

    #list all ADFS relying party trust and export its IssuanceTransformRules

    $listappsname = Get-AdfsRelyingPartyTrust | **select** name

    #$listappsname

**foreach** ($appname **in** $listappsname) {

    $fullappname = $appname.Name

    write-host $appname.Name -ForegroundColor Green

    (Get-AdfsRelyingPartyTrust -Name "$fullappname").IssuanceTransformRules | Out-File "$exportpath\$fullappname.txt"

    }

} **else** { write-host -ForegroundColor Yellow "Directory Exists" }

#export ADFS Endpoints

Get-AdfsEndpoint | **fl** \* > "$exportpath\AdfsEndpoint.txt"

#export ADFS Claims Description

Get-AdfsClaimDescription | **fl** \* > "$exportpath\AdfsClaimDescription.txt"

#export ADFS Certificates

Get-AdfsCertificate | **fl** \* > "$exportpath\AdfsCertificates.txt"

#export ADFS Authentication Provider

Get-AdfsAuthenticationProvider | **fl** \* > "$exportpath\AdfsAuthenticationProvider.txt"

#export ADFS AttributeStore

Get-AdfsAttributeStore | **fl** \* > "$exportpath\AdfsAttributeStore.txt"

#export ADFS Access Control Policy

Get-AdfsAccessControlPolicy | **fl** \* > "$exportpath\AdfsAccessControlPolicy.txt"

#Show on Screen

$adfsversion = (**Get-Item** C:\Windows\ADFS\Microsoft.IdentityServer.ServiceHost.exe).VersionInfo.ProductVersion

write-host ""

write-host "ADFS Version:" -ForegroundColor White

$showver = write-host -ForegroundColor Cyan $adfsversion

Files after exported

