Deploy MIM 2016 SP2 with Hotfix

<https://support.microsoft.com/en-us/help/4576473/hotfix-rollup-package-build-4-6-263-0-is-available-for-microsoft-ident>

Install Guide

<https://techcommunity.microsoft.com/t5/microsoft-sharepoint-blog/configuring-mim-with-sharepoint-2016-or-2019/ba-p/382378>

* Run The following PowerShell to deploy the Synchronization Rules Extensions for SharePoint Sync
* This will also create the necessary Metaverse Schema Updates required to Import the working AADMA and SPMA management agents

<https://github.com/BrentPerson/AzureADMIMSync>

* Extract the .zip file
* Open the PowerShell Script in PowerShell ISE
* Change the $Path variable to the location where you extracted the .zip file
* Run the PowerShell Script
  + If script is successful extract the second .zip file 'AzureADSPMAs.zip' which will contain the management agents required to sync with AAD
    - 'MA-SPMA-Working.xml'
    - 'MA-AADMA-Working.xml'
* Restart MIISClient.exe if it was open when the script was ran
* Delete the two created Management agents (ADMA and SPMA) and their connector spaces

ADMA 
SPMA 
Active Directory Domain Services 
SharePoint Profile Store 
Delete Management Agent 
Delete management agent options 
C) Delete connector space only 
@ Delete management agent and connector space 
Help 

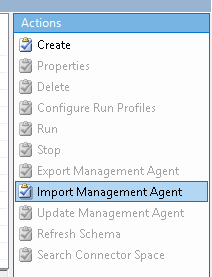
* Next we need to create an attribute on the Metaverse 'Person' object called 'msOnline-ObjectID' and 'SPS-ClaimID'
* Go to Metaverse Designer and under Object Types select Person, then under Actions select 'Add Attribute'

Synchronization Service Manager on SPIg 
File Tools Actions Help 
Operations Management Agents Meta verse Designer 
Object Deletion 
syn chroni zation Rule 
expected Rule Entry 
detected Rule 
person 
organizationalUnt 
organization 
Total number of object types 15 
Actions 
Add Attribute 

* Select 'New attribute…'

囗 hdexed 
冖 凵 Mufti-valued 
New Attribute 
Attributetjpe 
Attribute name 
msOnlineObJectlDl 
Stnng Ondexable) 

Next we will Import the Management Agents from the .zip file



First Import the SharePoint MA

MA AADMA W orki ng.xml 
MA- SPMA-Working.xml 

Leave the Name of SPMA

Name: 
SPMA 

Change the 'Connectivity' section to fit your environment

* Host Name = Central Administration DNS name
* Port = Central Administration Port
* Application ID = User Profile Service Application GUID if you have more than 1 UPA, otherwise leave blank
* SharePoint User Credential is your Farm account

SharePoint Server Info 
H p protocol 
Host Nam,e 
Application ID 
SharePoint user Credential 
user Nam,e 
Password 
User Picture Settings 
Picture FICA" Direction 
splS 
camppemon 
svcspfarm201S 
Export only (NEVER from SharePc 

* Leave everything else as they are, just hit 'Next' all the way until you're done

* Import AAD Management Agent the same way as the SharePoint Management agent while changing the Connectivity to match your O365 tenant using the registered App ID and Client Secret

* Run a Full Import and Full Sync on the AAD MA
* Run a Full Import and a Full Sync on the SP MA
  + The number of Adds from the AAD MA import should reflect on the 'Provisioning Adds' after running a full sync

Machine generated alternative text:
Unchanged 
Adds 
Updates 
Deletes 

Machine generated alternative text:
SPMA 
Export Attribute Flow 
Provisionina Adds 
Provisionina Disconnects 

* Run an export on the SP MA

Machine generated alternative text:
Step Ty 
Start Tinw 
Export 
9/17/202042340 PM 
Pa 
End Tinw 
default 
9/17/20204 2348 PM 
Export Statistics 
Adds 
Llodates 
Renames 
Deletes 
Delete Adds 
Connection Status 
Export Emoß 