SharePoint developer machine set up

The following script allows the creation of a new SharePoint work environment, It has the ability to granularly configure most aspects of the farm for the developers to work on or for the testers to create a QA machine.

This script works mainly for SharePoint 2013 but it can be altered to serve for SharePoint 2010 and SharePoint 2016 as well.

The Script allows us to set up in the right order an Active Directory Server on a first place a SQL server in second place and finally for the SharePoint server.

# AD SERVER

The AD SERVER deploys an Active Directory.

1 – In file explorer go to \\10.1.0.22\iso\Developpement\VM and use your NEGOTIUM credentials

2 – Create the C:\\_

3 - Copy content of AD folder to C:\\_

4 - Open PowerShell & Execute following Scripts:

*cd C:\\_\Scripts*

*.\Change-ExecutionPolicy.ps1 -PolicyType "Unrestricted"*

*.\Disable-LUA.ps1*

*.\Create-Domain.ps1 -NetBiosName "NEGODEV****AG****" (your Initials)*

Restart-Computercdc

5 - Open PowerShell & Execute following Scripts:

*cd C:\\_\Scripts*

*.\Create-Accounts.ps1 -AccountsFilePath C:\\_\Config\Accounts.xml -OrganizationalUnitName "SharePoint Service Accounts"*

# SQL SERVER

The SQL SERVER is deploying a SQL Server also it connects the machine to the newly created domain.

1 – In file explorer go to \\10.1.0.22\iso\Developpement\VM and use your NEGOTIUM credentials.

2- Create the C:\\_

3 - Copy content of SQL14 folder to C:\\_

4 - Open PowerShell cd & Execute following Scripts:

*cd C:\\_\Scripts*

*.\Change-ExecutionPolicy.ps1 -PolicyType "Unrestricted"*

*.\Disable-LUA.ps1*

*.\Set-DNS.ps1 -DomainDNSAddress "10.1.5.****188****"* (insert AD server IP address)

*.\Join-Domain.ps1 -NetBiosName "NEGODEV****AG****"* (your Initials)

Restart-Computer

5 - Edit file C:\\_\Config\SQL.ini

- Change every occurrence of XXXXXX by your Domain Net BIOS Name

6 - Open PowerShell & Execute following Scripts:

*cd C:\\_\Scripts*

*.\Install-FX35.ps1 -SourcePath C:\\_\Source\sxs*

# SHAREPOINT SERVER

The SP SERVER deploys a SP 2013 Server, connects to the SQL SERVER also connects the machine to the newly created domain.

1 – In file explorer go to \\10.1.0.22\iso\Developpement\VM and use your NEGOTIUM credentials

2 – Create the C:\\_

3 - Copy content of SP13 folder to C:\\_

4 - Open PowerShell & Execute following Scripts:

*cd C:\\_\Scripts*

*.\Change-ExecutionPolicy.ps1 -PolicyType "Unrestricted"*

*.\Disable-LUA.ps1*

*.\Set-DNS.ps1 -DomainDNSAddress "10.1.5.188"* (Insert AD server IP address).

*.\Join-Domain.ps1 -NetBiosName "NEGODEV****AG****"* (your Initials).

Restart-Computer

5 - Open PowerShell & Execute following Scripts

*cd C:\\_\Scripts*

*.\Install-FX35.ps1 -SourcePath C:\\_\Source\sxs*

Restart-Computer

6 - Edit file C:\\_\AutoSPInstaller\AutoSPInstallerInput.xml

- Change every occurrence of NEGODEV**XX** by your Domain Net BIOS Name (NEGODEV**AG**)

- Change every occurrence of DEV-01-SQL14 by your SQL 14 Server name (DEV-02-SQL14)

- Change every occurrence of http://portal.negodev**xx**.local by http://portal.negodev**ag**.local

- Change every occurrence of http://mysite.negodev**xx**.local by http://mysite.negodev**ag**.local

- Change every occurrence of apps.negodev**xx**.local by apps.negodev**ag**.local

7 - Open PowerShell & Execute following Scripts:

*cd C:\\_\AutoSPInstaller*

*.\AutoSPInstallerLaunch.bat*

8 - Open PowerShell & Execute following Scripts:

*cd C:\\_\Scripts*

*.\Enable-RDP.ps1*