Preferred mssql download

Got first few pre-check tasks 6/18

patelnil@patelnil-10w:~$ ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml

or $ ansible-playbook -i nphosts "/home/patelnil/mss\_dbmw\_sql\_install/tests/sqlinstall.yml"

ansible all -i ~/hosts\_new.ini -m 'win\_command' -a 'whoami' > ~/Host\_sql\_out.txt

sftp://ftc-lbcmsnfs501.ad.moodys.net

/methode/mssql\_binaries/SQL2017/Standard/Sql Server 2017 Standard.zip

SQL2017/enterprise/Sqlserver.zip

After copy chmod 777 need to set

VRA stuff for pre-requisites:

Rouge

1. Copy Ps1 to local drive from [\\ftcfiler03\DBMW\_CAS\_Share\Ansible](file:///\\ftcfiler03\DBMW_CAS_Share\Ansible)

Execute as per readme   
Winrm enumerate winrm/config/listener  
if only one entry then only execute PS

1. Enable / add trust site in IE

<http://ftc-lbcmsnfs501/mssql_binaries/>

1. add SQLserveradmins in local Administrator group

//ftc-lbcmsnfs501.ad.moodys.net/methode/mssql\_binaries/SQL2019/Enterprise/ SW\_DVD9\_SQL\_Svr\_Enterprise\_Edtn\_2019Dec2019\_64Bit\_English\_MLF\_X22-22247.ISO

* Copy done from FTC frm701 as below 8/6/2020

D:\SQL Server Media>pscp -P 22 "d:\SQL Server Media\SQL Server 2019\Sql Server 2019

Enterprise/SqlServer.zip" patelnil@FTC-LBCMSnfs501:/methode/mssql\_binaries/SQL2019/enterprise/

patelnil@FTC-LBCMSnfs501's password:

SqlServer.zip | 1444389 kB | 76020.5 kB/s | ETA: 00:00:00 | 100%

D:\SQL Server Media>pscp -P 22 "d:\SQL Server Media\SQL Server 2019\Sql Server 2019 Standard/SqlServer.zip" patelnil@FTC-LBCMSnfs501:/methode/mssql\_binaries/SQL2019/standard/

patelnil@FTC-LBCMSnfs501's password:

SqlServer.zip | 1444389 kB | 57775.6 kB/s | ETA: 00:00:00 | 100%

D:\SQL Server Media>pscp -P 22 "d:\SQL Server Media\SSMS-Setup-ENU.\*" patelnil@FTC-LBCMSnfs501:/methode/mssql\_binaries/

* **1/13/2021**

**D:\SQL Server Media>pscp -P 22 "d:\SQL Server Media\SQL Server 2016\Enterprise/S**

**qlServer.zip" patelnil@FTC-LBCMSnfs501:/methode/mssql\_binaries/SQL2016/enterpris**

**e/**

D:\SQL Server Media>pscp -P 22 "d:\SQL Server Media\SQL Server 2016\standard\Sql

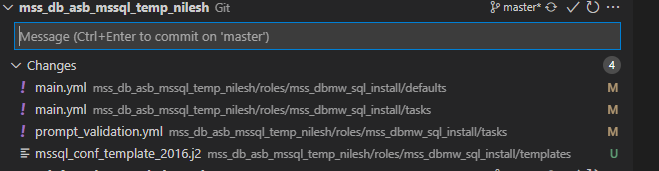
Server.zip" patelnil@FTC-LBCMSnfs501:/methode/mssql\_binaries/SQL2016/standard/

For folder level SQL2016

**chmod -R 777 \***

**ls -R -l \***

**correction for SQL 2016 support 1/13/2021**



**Error check**

[\\FTC-wbsqlfrm703\c$\Program Files\Microsoft SQL Server\140\Setup Bootstrap\Log\20200806\_162754](file:///\\FTC-wbsqlfrm703\c$\Program%20Files\Microsoft%20SQL%20Server\140\Setup%20Bootstrap\Log\20200806_162754)

options:

## [Examples](https://docs.ansible.com/ansible/latest/modules/win_disk_image_module.html#id3)

*# Run installer from mounted ISO, then unmount*

**-** name**:** Ensure an ISO is mounted

win\_disk\_image**:**

image\_path**:** C:\install.iso

state**:** present

register**:** disk\_image\_out

**-** name**:** Run installer from mounted ISO

win\_package**:**

path**:** '{{ **disk\_image\_out.mount\_paths[**0**]** }}setup\setup.exe'

product\_id**:** 35a4e767-0161-46b0-979f-e61f282fee21

state**:** present

**-** name**:** Unmount ISO

win\_disk\_image**:**

image\_path**:** C:\install.iso

state**:** absent

--- appendix for tested part

---

# tasks file for mss\_dbmw\_sql\_install

#

# Install SQL Developer Edition

#

# Load required powershell modules

- name: Powershell | Check for SQLServer DSC Powershell module

  win\_psmodule:

    name: SQLServerDsc

    state: present

- name: Powershell | Check for Storage DSC Powershell module

  win\_psmodule:

    name: StorageDsc

    state: present

- name: Powershell | Check for ServerManager Powershell module

  win\_psmodule:

    name: ServerManager

    state: present

- name: Powershell | Ensure that DBA Tools module is present

  win\_psmodule:

    name: dbatools

    state: present

- name: Powershell | Check for xNetworking Powershell module

  win\_psmodule:

    name: xNetworking

    state: present

- name: Windows | Install .NET Framework Core

  win\_feature:

    name: NET-Framework-Core

    state: present

# Setup SQL Server Pre-Reqs

- name: Windows | Install .NET Framework 3.5

  win\_feature:

    name: NET-Framework-Features

    state: present

- name: Windows | Install .NET Framework 4.5 Features

  win\_feature:

    name: NET-Framework-45-Features

    state: present

    include\_sub\_features: True

- name: Windows | Install Windows Process Activation Service

  win\_feature:

    name: WAS

    state: present

    include\_sub\_features: True

# SQL install may fail if a pending reboot is detected

# Assuming we are allowed to reboot this step will check for pending reboots

# and execute a reboot, reboot activity can be controlled using the variable mssql\_suppress\_reboot

- name: Ensure that a reboot is not pending

  when: ansible\_reboot\_pending

  debug:

    msg: 'Pending reboot detected'

  changed\_when: true

  notify: reboot windows

- meta: flush\_handlers

Puppet

All software & SPs

[\\ftc-wbpupart201.ad.moodys.net\artifacts\mssql](file:///\\ftc-wbpupart201.ad.moodys.net\artifacts\mssql)

Sa - M00dys123

M00dys123 (Mzerozero)

<https://social.msdn.microsoft.com/Forums/ie/en-US/8edab1a8-b95e-48db-9bc9-43b1c3a03cc0/sql-server-2014-enterprise-unattended-set-up-with-ansible?forum=sqlsetupandupgrade>

After installing those windows features (with ansible win\_feature) problem was solved:

- NET-Framework-Core  
- NET-Framework-Features  
- NET-Framework-45-Features  
- NET-Framework-45-Core  
- NET-Framework-45-ASPNET

- win\_stat:  
    path: C:\Users\build\_user  
  become: yes  
  become\_method: runas  
  become\_user: build\_usr@DOMAIN  
  vars:  
    ansible\_become\_pass: '{{ build\_usr\_password }}'

FTC-WBSQLFRM703

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml > sql\_test.txt

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/test\_runas\_02.yml > sql\_test.txt

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/test\_vars.yml -e "sql\_version=2017 sql\_edition=standard"

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2017D sql\_version=2017 sql\_edition=standard"

* With include download\_software.yml

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2017D sql\_version=2017 sql\_edition=standard"

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2017D sql\_version=2017 sql\_edition=standard ansible\_become\_pass=C8xxxxxxx"

---------  
ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2017F sql\_version=2017 sql\_edition=standard ansible\_become\_password=Cxxxxxx **rboot=true**"

-installed after reboot too.

--------  
ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2019Z sql\_version=2017 sql\_edition=enterprise ansible\_become\_password=C8481#Wood rboot=false"

installed successfully – J2 file

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/test\_runas.yml -e "ansible\_become\_password=C8481#Wood"

-k for ssh password only ( we may skip kinit [patelni@AD.MOODYS.NET](mailto:patelni@AD.MOODYS.NET) (as per Dell)

On 238 windows 2016 for SQL 2019 - done

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2019Z sql\_version=2019 sql\_edition=enterprise ansible\_become\_password=C8481#Wood rboot=true"

TASK [mss\_dbmw\_sql\_install : Distribution] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [FTC-WBSNDBOX238.AD.MOODYS.NET] => {

"msg": "Microsoft Windows Server 2016 Standard"

}

TASK [mss\_dbmw\_sql\_install : Distribution version] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [FTC-WBSNDBOX238.AD.MOODYS.NET] => {

"msg": "10.0.14393.0"

}

TASK [mss\_dbmw\_sql\_install : Distribution major version] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [FTC-WBSNDBOX238.AD.MOODYS.NET] => {

"msg": "10"

}

--

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2019Z sql\_version=2019 sql\_edition=enterprise ansible\_become\_password=C8481#Wood rboot=false"

successfully completed

do doc on test cases

    msg: " you can't setup SQL on non-windows OS as of now - {{ ansible\_os\_family }} "

  when: ansible\_os\_family != "Windows"

TASK [mss\_dbmw\_sql\_install : Checking OS for SQL Windows] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [FTC-WBSNDBOX238.AD.MOODYS.NET]: FAILED! => {"changed": false, "msg": " you can't setup SQL on non-windows OS as of now - Windows "}

- name:  Checking OS major

  fail:

    msg: " SQL 2019 only installation on windows 2016 and + "

  when: ansible\_distribution\_major\_version != "10" and sql\_version == "2019"

TASK [mss\_dbmw\_sql\_install : what is request be install on FTC-WBSQLFRM703] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [FTC-WBSQLFRM703.AD.MOODYS.NET] => {

"msg": " Insance name- SQL\_2019Y : SQL version- 2019 : SQL edition- enterprise : http://ftc-lbcmsnfs501/mssql\_binaries/SQL2019/enterprise/SqlServer.zip on OS Microsoft Windows Server 2012 R2 Standard "

}

TASK [mss\_dbmw\_sql\_install : Checking OS major] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [FTC-WBSQLFRM703.AD.MOODYS.NET]: FAILED! => {"changed": false, "msg": " SQL 2019 only installation on windows 2016 and + "}

TASK [mss\_dbmw\_sql\_install : validating Instance name 20\_var] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [FTC-WBSNDBOX238.AD.MOODYS.NET]: FAILED! => {"changed": false, "msg": " you need to pass variable sql\_version "}

TASK [mss\_dbmw\_sql\_install : validating Instance name edition\_var] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [FTC-WBSNDBOX238.AD.MOODYS.NET]: FAILED! => {"changed": false, "msg": " you need to pass variable sql\_edition "}

TASK [mss\_dbmw\_sql\_install : validating Instance name sql\_var] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [FTC-WBSNDBOX238.AD.MOODYS.NET]: FAILED! => {"changed": false, "msg": " you need to pass variable instance\_name "}

after become\_password in vars\_np.yml

ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2019Y sql\_version=2019 sql\_edition=enterprise rboot=false dbmw=Y" -k

install new

1. Add in inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml   
   only one node active where we need to install
2. ansible-playbook -i ~/mss\_dbmw\_sql\_install/tests/inventory ~/mss\_dbmw\_sql\_install/tests/sqlinstall.yml -e "instance\_name=SQL\_2019Y sql\_version=2019 sql\_edition=enterprise rboot=false dbmw=Y" -k

done in

role move with Kin as per OCP project (environments/ roles/ playbooks

* with gather too

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_project$ ansible-playbook -i environments/hosts\_new.ini "playbooks/test\_runas\_02.yml" -k

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_project$ ansible-playbook -i environments/hosts\_new.ini "playbooks/install\_msssql.yml" -e "instance\_name=SQL2019A sql\_version=2019 sql\_edition=enterprise rboot=true dbmw=Y" -k

or

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_project$ ansible-playbook -i environments/hosts\_new.ini "playbooks/install\_msssql.yml" -e "instance\_name=SQL2019A sql\_version=2019 sql\_edition=enterprise rboot=false dbmw=Y" -k

after tower setup with sys\_sqlqadev

local separate inventory setup to use my ID

ansible-playbook -i ~/hosts\_new.ini "test\_runas\_02.yml"

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_**temp\_nilesh**$ ansible-playbook -i ~/hosts\_new.ini "playbooks/install\_msssql.yml"

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_temp\_nilesh$ ansible-playbook -i ~/hosts\_new.ini "playbooks/install\_msssql.yml" -e "instance\_name=SQL2019B sql\_version=2019 sql\_edition=enterprise dbmw=Y rboot=false"

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_temp\_nilesh$

ansible-playbook -i ~/hosts\_new.ini playbooks/test\_sqlaccounts.yml -e "instance\_name=MSSQLSERVER"

"msg": " Insance name- MSSQLSxxx : SQL NT Service\\MSSQL$MSSQLSxxx : SQL agent- NT Service\\SQLAgent$MSSQLSxxx : SSAS- NT Service\\MSOLAP$MSSQLSxxx : FDL- NT Service\\MSSQLFDLauncher$MSSQLSxxx : asTele- NT Service\\SSASTELEMETRY$MSSQLSxxx : Tele- NT Service\\SQLTELEMETRY$MSSQLSxxx "

ansible-playbook -i ~/hosts\_new.ini playbooks/test\_sqlaccounts.yml -e "instance\_name=MSSQLSERVER"

~/mss\_db\_asb\_mssql\_temp\_nilesh$ ansible-playbook -i ~/hosts\_new.ini playbooks/test\_sqlaccounts.yml -e "instance\_name=MSSQLSERVER"

"msg": " Insance name- MSSQLSERVER : SQL NT Service\\MSSQLSERVER : SQL agent- NT Service\\SQLSERVERAGENT : SSAS- NT Service\\MSSQLServerOLAPService : FDL- NT Service\\MSSQLFDLauncher : asTele- NT Service\\SSASTELEMETRY : Tele- NT Service\\SQLTELEMETRY "

**demo:**

new VS code - host test locally 329 - brand new VM

ansible-playbook -i ~/hosts\_new.ini "playbooks/test\_runas\_02.yml"

ansible-playbook -i ~/hosts\_new.ini "playbooks/**install\_msssql.yml**" -e "instance\_name=SQL\_2019A sql\_version=2019 sql\_edition=enterprise dbmw=Y rboot=false"

from tower – 327 –> 2019 ->standard -> SQL\_2019C (2 instances exist which built from tower)

top 1- A record, port#

ansible-playbook -i ~/hosts\_new.ini "playbooks/test\_tsql.yml" -e "servername=SQL-EFT-QA-02 sqlportno=51501"

10/06 (servername with port number as one variable)

ansible-playbook -i ~/hosts\_new.ini playbooks/ls\_dr\_break\_to\_rw.yml -e "servername=SQL-FGODM-QA,51501 userdbname=nilesh"

10/07 (servername with port number as one variable)

ansible-playbook -i ~/hosts\_new.ini playbooks/**create\_new\_user\_db**.yml -e "servername=SQL-FGODM-QA,51501 userdbname=nilesh"

10/8/20

ansible-playbook -i ~/hosts\_new.ini "playbooks/**create\_new\_login**.yml" -e "loginname=patelnil logindomainname=MDYNYCMAS localsqlid=N servername=SQL-FGODM-QA,51501"

nsible-playbook -i ~/hosts\_new.ini "playbooks/**create\_new\_login**.yml" -e "loginname=test01 loginpassword=test123# localsqlid=Y servername=SQL-FGODM-QA,51501"

ansible-playbook -i ~/hosts\_new.ini playbooks/**get\_top10\_tsql.**yml -e "servername=FTC-WBSQLFRM701,1433 ldays=7"

* LS setup for testing

Source : FTC-WBFGODB505  : Target : FTC-WBSQLFRM701 : MIT\_DBRefresh\_LS\_Test

source : SQL-FSJIRA-DV-02,51501 Target : FTC-WBSQLDM401 :DBName :  MIT\_DBRefresh\_LS\_Test\_2

ansible-playbook -i ~/hosts\_new.ini playbooks/**ls\_dr\_break\_to\_rw.yml** -e "servername=FTC-WBSQLFRM701,1433 userdbname=MIT\_DBRefresh\_LS\_Test"

ansible-playbook -i ~/hosts\_new.ini playbooks/**ls\_dr\_full\_sync.yml** -e "prodservername=FTC-WBFGODB505,51501 drservername=FTC-WBSQLFRM701,1433 userdbname=MIT\_DBRefresh\_LS\_Test tgtuserdbname=MIT\_DBRefresh\_LS\_Test"

--10/15

ansible-playbook -i ~/hosts\_new.ini playbooks/**get\_top10\_tsql.yml** -e "servername=SQL-FGODM-QA,51501 to\_email=nileshr.patel@moodys.com"

ansible-playbook -i ~/hosts\_new.ini playbooks/**get\_all\_info.yml** -e "servername=SQL-FGODM-QA,51501 [to\_email=nileshr.patel@moodys.com](mailto:to_email=nileshr.patel@moodys.com)"

ansible-playbook -i ~/hosts\_new.ini playbooks/**create\_new\_user\_db**.yml -e "servername=FTC-WBSQLFRM701,1433 userdbname=test\_nilesh"

ansible-playbook -i ~/hosts\_new.ini playbooks/**create\_new\_login.yml** -e "servername=FTC-WBSQLFRM701,1433 loginname=test\_nilesh loginpassword=Ca8cc481#$%Wood localsqlid=Y"

all above 7 with script/output as set\_file, also insert log – 10/16/2020

--10/17

ansible-playbook -i ~/hosts\_new.ini playbooks/**execute\_dml\_ddl.yml** -e "servername=FTC-WBSQLFRM701,1433 userdbname=MIT\_DBRefresh\_LS\_Test source\_script=test\_01.sql"

--10/20 with James & his all teams.

ansible-playbook -i ~/hosts\_new.ini playbooks/**create\_new\_user\_db**.yml -e "servername=FTC-WBSQLFRM701,1433 userdbname=test\_nilesh to\_email=nileshr.patel@moodys.com"

ansible-playbook -i ~/hosts\_new.ini playbooks/**execute\_dml\_ddl.yml** -e "servername=FTC-WBSQLFRM701,1433 userdbname= MIT\_DBRefresh\_LS\_Test source\_script=test\_02.sql to\_email=nileshr.patel@moodys.com"

ansible-playbook -i ~/hosts\_new.ini playbooks/**execute\_dml\_ddl.yml** -e "servername=FTC-WBSQLFRM701,1433 userdbname=test\_nilesh source\_script=test\_02.sql to\_email=nileshr.patel@moodys.com"

ansible-playbook -i ~/hosts\_new.ini playbooks/**ls\_dr\_break\_to\_rw.yml** -e "servername=FTC-WBSQLFRM701,1433 userdbname=MIT\_DBRefresh\_LS\_Test"

ansible-playbook -i ~/hosts\_new.ini playbooks/**ls\_dr\_full\_sync.yml** -e "prodservername=FTC-WBFGODB505,51501 drservername=FTC-WBSQLFRM701,1433 userdbname=MIT\_DBRefresh\_LS\_Test tgtuserdbname=MIT\_DBRefresh\_LS\_Test"

[\\ftcfiler03\DBMW\_CAS\_Share\DevOps\_DB\_Scripts](file:///\\ftcfiler03\DBMW_CAS_Share\DevOps_DB_Scripts)

ansible-playbook -i ~/hosts\_new.ini playbooks/**set\_access\_to\_userdb**.yml -e "servername=FTC-WBSQLFRM701,1433 userdbname=test\_nilesh to\_email=nileshr.patel@moodys.com username=visp write\_all=N"

ansible-playbook -i ~/hosts\_new.ini playbooks/execute\_dml\_ddl.yml -e "servername=FTC-WBSQLFRM701,1433 userdbname=test\_nilesh source\_script=test\_02.sql to\_email=nileshr.patel@moodys.com cmdparm=DatabaseName=test cmdbritm=testnp"

--2021  
--environment test

ansible-playbook -i ~/hosts\_new2.ini playbooks/test\_inv\_env\_03.yml -e "servername=ftc-wbsqlfms705\DBENG asb\_tower=P"

1/22/2021

ansible-playbook -i ~/hosts\_new.ini "playbooks/sql\_post\_dbmw\_A1.yml" -e "instance\_name=MSSQLSERVER service\_account\_pass=owjdYbecdj8#0yeg service\_account=MDYNYCMAS\\sys\_sqlqadev TCPPort=51501" -vvv

kinit patelnil@AD.MOODYS.NET

Password for patelnil@AD.MOODYS.NET:

patelnil@patelnil-10w:~/mss\_db\_asb\_mssql\_temp\_nilesh$

ansible-playbook -i ~/hosts\_new.ini playbooks/install\_msssql.yml -e "instance\_name=SQL2016A sql\_version=2016 sql\_edition=enterprise rboot=true dbmw=Y asb\_tower=L"

|  |  |  |
| --- | --- | --- |
| IPsoft | INFRA | PTC-WBMITSMB706 |
| IPsoft | INFRA | PTC-WBMITSMB707 |
| IPsoft | INFRA | PTC-WBMITSMB708 |
| NTT | INFRA | PTC-WGMITSMB710 |
| NTT | INFRA | PTC-WGMITSMB709 |

[\\PTC-WBMITSMB708\d$\asb\_backups](file:///\\PTC-WBMITSMB708\d$\asb_backups)

--- E001 -- added msg

exited with error code 3010 -- means Passed but reboot required, see logs for details

TASK [mss\_dbmw\_sql\_install : install with psexec] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

13:56:21

177

fatal: [FTC-WBSQLFMS603.AD.MOODYS.NET]: FAILED! => {"changed": true, "delta": "0:05:51.893907", "end": "2020-08-26 06:02:16.325524", "psexec\_command": "psexec.exe -accepteula E:\\SQLSoftware\\setup.exe /SAPWD=\"M00dys123\" /ConfigurationFile=E:\\SQLSoftware\\sql\_conf.ini", "rc": 3010, "start": "2020-08-26 05:56:24.431617", "stderr": "E:\\SQLSoftware\\setup.exe exited with error code 3010.\r\n", "stderr\_lines": ["E:\\SQLSoftware\\setup.exe exited with error code 3010."], "stdout": "\r\nPsExec v2.2 - Execute processes remotely\r\nCopyright (C) 2001-2016 Mark Russinovich\r\nSysinternals - www.sysinternals.com\r\n\r\n", "stdout\_lines": ["", "PsExec v2.2 - Execute processes remotely", "Copyright (C) 2001-2016 Mark Russinovich", "Sysinternals - www.sysinternals.com", ""]}

One or more affected files have operations pending. You must restart your computer to complete this process

--- E002 ( issue with Runas task of ansible not delegating as expected)

* There was an error generating the XML document.
* HResult : 0x80131509
* The requested operation cannot be completed. The computer must be trusted for delegation and the current user account must be configured to allow delegation. completed. The computer must be trusted for delegation and the current user account must be configured to allow delegation.

exited with error code -2068774911.\r\n",

"rc": 2226192385,

--- E003 -- already exists

"rc": 2226388994,

466

"start": "2020-08-24 09:38:20.830165",

467

"stderr": "E:\\SQLSoftware\\setup.exe exited with error code -2068578302.\r\n",

468

"stderr\_lines": [

469

"E:\\SQLSoftware\\setup.exe exited with error code -2068578302."

470

---E004 -- added msg

exited with error code -2146232832."

Services could not start due to resources ( stopped older service and new service started) hence installation completed, but service could not started.

---E005

Final result: Failed: see details below

Exit code (Decimal): -2068643838

Exit facility code: 1203

Exit error code: 2

Exit message: No features were installed during the setup execution. The requested features may already be installed.

--- E006 -- last reboot still running for OS update %%%%

TASK [Gathering Facts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

14:28:23

7

An exception occurred during task execution. To see the full traceback, use -vvv. The error was: requests.exceptions.ConnectionError: HTTPSConnectionPool(host='ftc-wbsndbox327.ad.moodys.net', port=5986): Max retries exceeded with url: /wsman (Caused by NewConnectionError('<urllib3.connection.VerifiedHTTPSConnection object at 0x7f4cad6f55c0>: Failed to establish a new connection: [Errno 111] Connection refused',))

8

fatal: [FTC-WBSNDBOX327.AD.MOODYS.NET]: FAILED! => {"msg": "Unexpected failure during module execution.", "stdout": ""}

9

10

--E007

Failed: see details below

Exit code (Decimal): -2068578304

Exit facility code: 1204

Exit error code: 0

Exit message: The folder path, 'E:\SQLSoftware\Updates"', for the UpdateSource parameter does not exist or access is denied. Specify a folder path that exists and can be accessed by SQL Server Setup.

---E008 Ansible not able to connect – reboot Host as other reboot pending.

SSH password:

2

BECOME password[defaults to SSH password]:

3

4

PLAY [win\_sql] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

16:30:17

5

6

TASK [Gathering Facts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

16:30:17

7

**fatal: [FTC-WBFSJDB202.AD.MOODYS.NET]: UNREACHABLE! => {"changed": false, "msg": "kerberos: Unable to authenticate <Response [200]>", "unreachable": true}**

8

9

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

16:30:18

10

FTC-WBFSJDB202.AD.MOODYS.NET : ok=0 changed=0 **unreachable=1** failed=0 skipped=0 rescued=0 ignored=0

11

--E009

Meaning host does not exist or no access

{

"unreachable": true,

"msg": "kerberos: authGSSClientStep() failed: (('Unspecified GSS failure. Minor code may provide more information', 851968), ('Server not found in Kerberos database', -1765328377))",

"changed": false

}

--A001

Login failed for user 'MDYNYCMAS\\sys\_ex\_ansib01'.."], "stdout": "", "stdout\_lines": []}

does not have access to SQL instance provided

--A002

fatal: [FTC-WBSQLFRM701.AD.MOODYS.NET]: FAILED! => {"changed": false, "msg": "internal error: failed to become user 'mdynycmas\\sys\_ex\_ansib01': Exception calling \"CreateProcessAsUser\" with \"9\" argument(s): \"Failed to logon mdynycmas\\sys\_ex\_ansib01 (The user name or password is incorrect, Win32ErrorCode 1326 - 0x0000052E)\""}

runas account password not setup

--A003

fatal: [FTC-WBSQLFRM701.AD.MOODYS.NET]: FAILED! => {"msg": "No setting was provided for required configuration plugin\_type: become plugin: runas setting: become\_user "}

runas does not have access to ansible host

--A004

**"Can't find client principal root@AD.MOODYS.NET in cache collection\", -1765328243))", "unreachable": true}**

runas user not setup in job template

Other help

# **mssql for Visual Studio Code**

Welcome to **mssql** for Visual Studio Code! An extension for developing Microsoft SQL Server, Azure SQL Database and SQL Data Warehouse everywhere with a rich set of functionalities, including:

* Connect to Microsoft SQL Server, Azure SQL Database and SQL Data Warehouses.
* Create and manage connection profiles and most recently used connections.
* Write T-SQL script with IntelliSense, Go to Definition, T-SQL snippets, syntax colorizations, T-SQL error validations and GO batch separator.
* Execute your scripts and view results in a simple to use grid.
* Save the result to json or csv file format and view in the editor.
* Customizable extension options including command shortcuts and more.

See [the mssql extension tutorial](https://aka.ms/mssql-getting-started) for the step by step guide.

See [the SQL developer tutorial](http://aka.ms/sqldev) to develop an app with C#, Java, Node.js, PHP, Python and R with SQL Server databases.

