

Go to Configuration Manager Console

Assets & Compliance → Overview → Devices → mydevcollection

- Client PC → Add (click Edit Primary User)
- Search administrator → click TRAINING\administrator from matching result → Add
- Do the same for serverPC1 & WIN-URLA
- After adding Primary User → In the console, primary users will be added for 3 devices.

If nothing is showing in Current Logged In User (empty):

- Right click the device where Logged In User is empty
- Example: client-PC → Right click → Install Client
- Next → select three option (Starts with Allow, Always Install)
- → Site is HYD-hydrate → Click Next
- → Next → Finish

In Asset and Compliance → Overview → Devices

- For Client PC & servPC & WIN-URLA7896W5
- It should show "Yes" for these machines.
- If it shows "No",

Go to Client-PC → Log in (TRAINING)

- Open \172.30.0.1 → Go to sms-hyd → Right click
- Click → Map Network Drive
- open cmd (as admin) ->
- type Z:
- run cd client
- run dir (it'll show the directory of Z:)
- run => [cmsetup.exe /mp: WIN8-URLAT89QEMJ training.com SMSSITECODE = HVD [/logon]

Cmd details:

→WIN-URLAT89QEMJ is a server name

→we have to copy the name for console -> SCCM Administration -> Overview -> Site configuration -> Servers

→ click that site setting. it'll show the detail. There you'll see servername, copy. That put in command after /mp:

Run the command -> Enter

Do the same for another machine (serverpc1)

Go back to Assets & compliance -> overview -> devices

There. it'll show yes for both machine (But actually shows no)

Go to Server Manager -> In Tools -> click Active Directory users & computers

- Go computer in training.com
- Move both clientPC & serverPC to "ITPEOPLE"
- Go to ITPEOPLE, check whether it is moved

Go back to servermanager -> tools -> Group Policy Management

- In Forestraining.com -> Default Domain Policy.
- click show-all -> explore

Go to Client PC -> search gpedit.msc -> explore

Minimize clientPC

come back Group Policy Management

Right click ITPEOPLE -> click Create a GPO in this domain

Name:- ITPEOPLE POLICY -> ok

Right click ITPEOPLE POLICY -> Edit Policy -> opens a new window

Go to computer configuration -> policies -> software setting -> s/W Installation -> right+click -> Properties

In Properties ->

- general -> Package location needs to be \\172.30.0.1\software

-Go to that location in fileExplorer

-copy location & paste to Package Location in general

- Assign & Maximum needs to be checked, click Apply

- Go to category -> Add -> Type "Generic software" -> ok

- Again right click on S/W Installation -> Package

- Directly it will take to \\172.30.0.1\software

- Add Google -> msi, again Add putty same way

- Go to properties of Google chrome -> In categories select -> Generic software -> click select -> Apply click Ok

Go to client PC VM => sign out (TRAINING/Administrator)

Sign in as another user sowmeeka

Then Go to Active Directory Users & computers

- Go to users inside training .com -> click sowmeeka account -> move that to ITPeople
-> Yes in dialog box
- Go to ITPEOPLE -> You'll see sowmeeka user there.

Log in as sowmeeka in client PC -> installation will get started -> displays Hi and all.

Same log in as server PC as sowmeeka.

Open cmd as admin -> put administrator & rps @12345 as password.

Run cmd -> gpupdate /force -> then give Y.

System will automatically restart.

Do this same for client PC also.

After restarting

Login as sowmeeka (user account).

Search for both Chrome & Putty -> it will get installed.

If you sign in as admin also, that both should be installed.

Now go to S/W Library -> Overview -> Application Management ->

Packages -> right-click configuration manager client -> Click distribute content -> wizard will open.

- Next -> Add -> distribute point group -> tick MYDPGROUP.
- Next -> Finish.

When you go to Application Group tab, APPGROUP1 deployments is set 1

In Asset & compliance -> overview -> devices.

- In WIN-URLAT89EMJ -> should display TRAINING/ADMIN in primary user.
- If not right-click, edit primary user -> add TRAINING/Administrator after it'll display in primary user

Go to S/W Library -> Overview -> OS -> OS Image. It is empty.

Go to File Explorer -> Desktop -> ISO -> there is Windows-10.iso -> right-click extract.

Cut the folder Windows-10 paste to C:/SOFTWARE

After this -> Go back to console -> right click Operating System Image -> Add Operating System Wizard.

- Then Browse to \\172.30.0.1 -> softwares -> Windows-10 -> Sources -> select install.wim (size 4.27 GB)->
- Then tick the checkbox -> Next -> select Language English India, x64-AM64 ->
- Next -> Next -> Finish.

Go to Operating System Image in Configuration Manager ->

You can see that newly created one (C:-Windows-10-Enterprise).

- Right-click -> Distribute Content -> Next -> Add Distribution Point -> WIN-URLAT89 ->
- Next -> Finish
- Refresh -> then and see Content Status -> show Success.

Then Go to S/W Library -> OS -> Boot Images -> 2 will be there.

Right-click Bootimage (x64) -> Distribute Content.

- Add Distribution Point -> Next -> Finish.

- Refresh -> It'll show status success

Then Task Sequence -> Right-click create New Task Sequence.

- Choose Install an existing Image -> Next -> Browse.
- Choose Boot Image (x64)-->Tick run as high performance ->
- Next -> Choose -> Browse -> Choose I-windows-10 enterprise. OK ->
- Untick Configure task sequence for use with Bitlocker .
- Choose Enable the account specify the password.-> Give password&confirm-> Next->
- Choose Join a Domain->Click training.com -> OK -> Domain OU -> Browse ->
- Choose IT PEOPLE-> OK -> A Account -> Set username -> Browse -> type admin in search -> click.
- Check name -> OK -> It'll show TRAINING \Administrator.
- Give password -> Verify -> Test connection -> should display successfully verified -> OK ->
- Next -> Next.
- Next -> Do not install any s/w update should be selected.
- Next -> Go to setting -> add putty & Chrome -> tick if an an application installation fails ->
- Next -> Next -> close.

Then right-click Task Sequence -> **DEPLOY.**

- Collection -> Browse -> choose yes on popup.-> add all unknown computer-> OK ->
- Tick Pre download Content for task sequence-> Next ->
- Choose (configuration manager clients media and PXE) in drop-down-> Next ->
- Next ->select 2nd ,3rd,last open(allow task sequence run for client)->
- Next -> Tick create deployment alert when... -> Next ->
- Tick Allow user to use distribution point from default site boundary group ->
- second option -> Next -> save as template (MYTEMPLATE (name)) -> Next -> close.

Then Go to Hyper-V -> New on Right-side -> Click virtual machine -> wizard will open ->

- Next -> click store the VM in a different location -> give name as client PC2 ->
- Go to Browse -> Go to C:\ Virtual Machines ->
- Then copy paste client PC2 (name) to after this to C:\ Virtual Machines
- Finally location should be C:\VIRTUALMACHINES\clientPC2.

- Next -> Gen1 -> Next -> give 4096MB -> Next -> choose internalvswitch ->
- Next -> give 60 GB size.
- Next -> choose install OS from network based installation server -> Next -> Finish.

In Hyper-V ,Turn on server DC -> login as TRAINING/administrator.

Go to server manager -> choose Add roles & features.

- Next -> Role based (select) -> Next -> Next -> choose DHCP server ->
- click add features -> Next -> Next -> Next ->
- Install -> installation will get started -> After fully loaded -> click complete DHCP configuration.
- Next -> commit -> close.

Refresh & DHCP will get in role & server group

Go to Tools -> **DHCP** -> New window will open ->

- choose serverpc1.training.com ->**IPv4** -> Right click -> click **New scope** ->
- Next -> give name (labscope 1)
- Next -> start IP address: **172.30.0.150**
- End IP address: **172.30.0.160**
- Next -> Next -> Next -> Yes, I want to configure chose that ->
- Next -> Type **172.30.0.1** -> Add -> Next -> Next ->Next -> Yes, I want to activate the scope ->
- Select that -> Next -> Finish (we created Lab Scope)

Then Right click scope [**172.30.0.0**].. in Left side Panel ->**In Properties** ->

- Go **Advanced** tab -> choose **both** -> OK (**Apply**)
- then go to **scope option** -> right click -> choose **configure options** -> choose **066 Boot server Host Name** ->
- Type **172.30.0.1** in **string value** -> Apply -> You can see **066** boot server Host name will get added

Then right click on **serverpc1.training.com** -> All task -> Restart

Go to **Hyper V Manager** -> double click on **client PC2** -> **start** ->

(in clientpc2 vm window toolbar) **File** -> **settings** -> **Legacy N/W Adapter** ->

Ensure that **internalVswitch** is given as virtual switch

start **client PC1** in Hyper-V

Go to server machine -> Go to WDS -> check whether **WIN-URLA-T89DEMJ** is present.

If it is not there ->

- Go to dashboard ->
- Add role & Features -> Next -> Next -> Next ->
- In servers, ROLES -> select **windows deployment services** ->
- Next -> Add features -> Finish

After this, you should be able to get in WDS.

After Installation -> WDS should be present In Tools

Click WDS In Tools -> choose server -> Right click **WIN-URLA-T89DEMJ** -> Choose Properties

In **Properties** ->

- In **PXE Response** Tab, select **Respond to all client computers** ->
- If it should not configured ->
- right click on **WIN-URLAT89GEMJ** ->
- **configure services** -> **Next** -> select **Integrate with Active Directory**
- Next -> Next (yes if popup) -> **select Respond to all client** -> Next -> Next ->
- Browse -> **C:\SOFTWARE\WINDOWS_10\sources** -> OK
- Next -> Next -> Next -> Finish

See image group its under Install Image, windows 10 server is inside (Image Group)

Right click **WIN-URLA-T89GEMJ** ->

- **select PXE response** -> **Respond to all** should be selected" ->
- Go to **ADDs** -> **same domain** as the windows deployment services should be selected
- Go to **Boot** -> leave as it is ->
- Go to **Advanced** -> **choose authorize the wds server in DHCP** -> click OK

Go to Hyper V -> Double click on client PC2->

Press Enter -> Then press F12 -> After it will start the processing -> Installation will take time ->

choose India (Region) -> India (Layout) -> skip -> after click I don't have internet ->

Continue with limited setup ->

After it finishes open file Explorer -> this PC ->

Properties ->

- **Advanced** system settings -> change the computer name and domain =**training.com**
- OK -> Yes -> Give **administrator** and **password** -> welcome pop's up -> OK -> OK -> Restarts
- After it'll restart--> Login as **training\administrator**

Go to **assets & compliance** in **configuration Manager** ->

- In **devices**, **clientPC2** should be there
- Right click -> **client PC2** -> **Install client**
- Next -> tick 2nd option (Always install client s/w) and also 3rd option **Install client s/w from a specified site**
- In drop down -> **HYD HYDRATE** should be selected -> Next -> Finish
- Right click **client PC2** -> **Add selected item** -> **Existing Device collection** -> **choose mydevcollection** -> OK

If you go to **mydevcollection** in **Device collection** .It'll be added there

Go to **Active Directory Users & Computers** In computer ->

- **Client PC2** will be there,
- Move **client PC2** to **ITPEOPLE**

In **VM client PC2** ->

- **cmd** -> **run as admin.**
- run -> **gpupdate /force** -> **Y** to restart
- **Client PC2** will restart ->
- Do not press any key here
- After Restarting Login as **admin** -> You will see **chrome & Putty** will get installed

Shut down **client PC2** ->

- Go to **File**(in vm window toolbar) -> **Setting** -> **BIOS**
- Move down **Legacy Network Adapter**
- Move up **IDE** ->
- OK By doing system will always boot in disk.
- By doing this It'll not show any particular setting message