



Hive Fabric CE

Desktop Pool
Creation





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With Hive Fabric CE, users can define and provision stateless or persistent VDI as well as VM's that aren't part of a pool deployment, like virtualized servers or full desktop VM's. Licensed Hive Fabric CE participants can operate up to 5 total virtual machine instances, which includes VDI, VSI, or full desktop VM's.

Desktop Pool Pre-requisites

1. Login to the Hive Fabric UI (<https://IPADDRESS:8443>).
2. Select **Realms** from the Settings menu at the top center of the web UI.
 - a. Select **+ ADD**
 - b. Enter the Fully Qualified Domain Name (FQDN, i.e. hiveio.lan)
 - c. Enter the shortened BIOS name (i.e. HIVEIO)
 - d. Select **Save**
3. Select **Profile** from the Settings menu at the top center of the Web UI.
 - a. Select **+ ADD**
 - b. Enter a Profile Name, select Next.
 - c. Select **Realm**
 - d. Enter full OU path (distinguishedName) for destination OU for Computer account in AD (leave blank to use the default Computers OU).
 - e. Enter a group name that contains users that would access the VDI
 - f. Enter a Join Account name (must have rights to join a computer to the domain).
 - g. Enter the password for the Join Account
 - h. Select **Save**.

Profile	
Realm	HIVEIO
Select realm.	
Organizational Unit	OU=Demo,OU=Immersion,DC=hiveio,DC=lan
User Group	demousers
Join Account	hiveiosrv
Join Password	

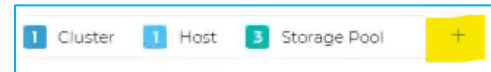
4. Select **Templates** from the Settings menu at the top center of the Web UI.
 - a. Ensure a template is present and has a State of available.
5. If no template is present, follow the guidance provided in *Hive Fabric CE – VDI Template Creation* video and documentation.



Pool Definition

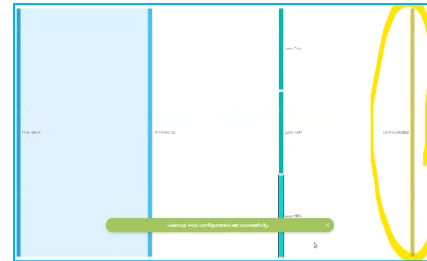
The following outlines the steps required to create the Desktop Pool and verify desktops have properly joined the Active Directory domain.

1. Login to the Hive Fabric UI (<https://IPADDRESS:8443>)
2. Select the + from the Resource menu
3. Select **Desktop Pool**



- a. Desktop Pool Name = pool name (numbers, letters, hyphens are acceptable)
- b. Desktop Seed Name = base computer account name, will increment by 1 for multiples
- c. Stateless Pool = toggle on/off as desired for stateless or persistent VDI
- d. Template = Select appropriate template from menu
- e. Operating System = Inherits this setting from template
- f. CPUs = defaults to templates value, can change to desired setting
- g. Memory (GB) = defaults to templates value, can change to desired setting
- h. Storage = Select Local RAM or Local Disk for VDI as appropriate
- i. Profile = select profile created previously
- j. Available Desktops = set number of VDI that will be available at any point in time
- k. Max Desktops = set number of VDI that will be the maximum for this pool
- l. Select Save.

4. Notice the new VM pool in the UI
5. The template will first cache itself in Storage Pool selected for VDI deployment. This task can be viewed from the **Running Tasks** selection of the settings menu.



6. Double click on the newly created Guest Pool.
7. Once the desktops appear in green, double click one of the desktop tiles to open its console.
8. View as the desktop joins the domain and reboots itself.
9. After reboot, desktop will show a state of **Ready** in the metadata listed on the right side of the UI.
10. In the console, click to login, select **Other User**, see that a domain login is now enabled.
11. For Hive Fabric CE, this will be the only login provided for pooled desktops.
12. Click **Close** in the Actions menu to close the console view.
13. The console menu can be used to switch between open consoles.

