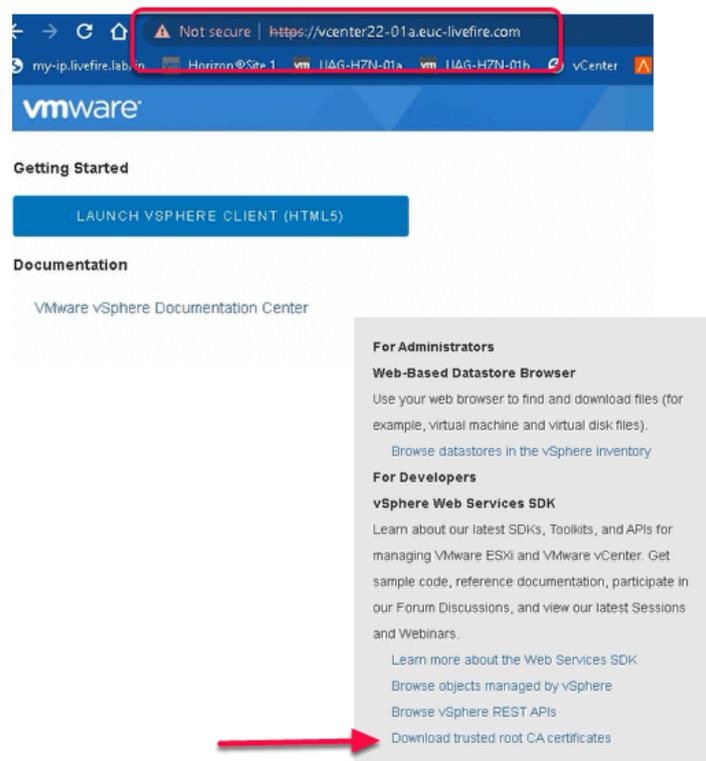


Image Management with Horizon Cloud

Part 1 - Establish authentication trust between the vCenter Server instances

To Establish the trust, the root certificate from both the vCenters needs to be exchanged between the vCenter Server instances. The root certificate needs to be imported in the Certificate Management of the vCenters.

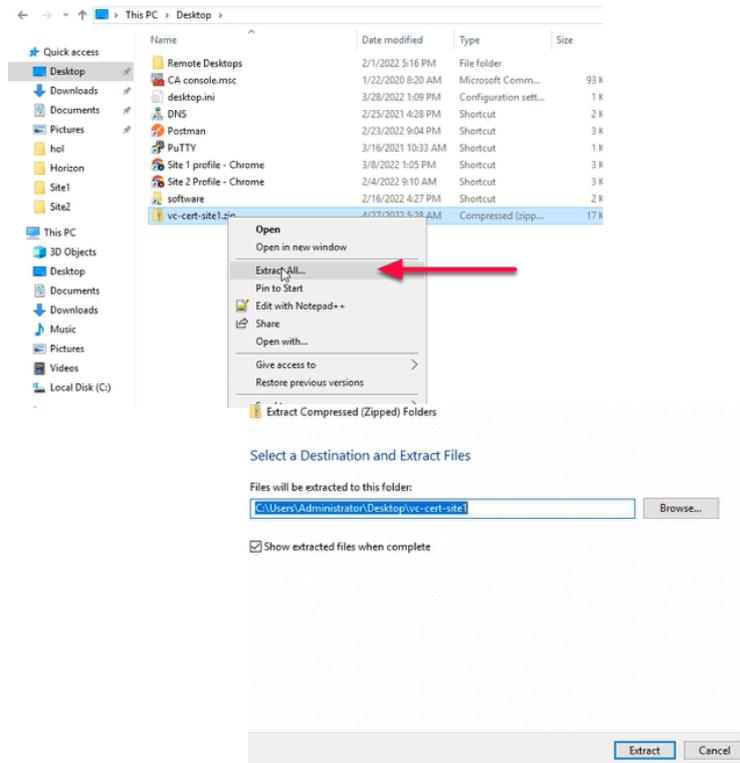
Section 1 - Download and extract the root certificate from the vCenter in Site 1



1. On the **Control Center**

- Using a Chrome, navigate to the URL of vCenter Server instance for **Site 1**.
 - Enter <https://vcenterXX-01a.euc-livefire.com>
 - where **XX** is your **POD ID**.
 - From the Right hand corner of the vCenter Page,
 - **Right Click on Download trusted root CA certificate**
 - Click on **Save link as...**
 - In the **Save As Window**

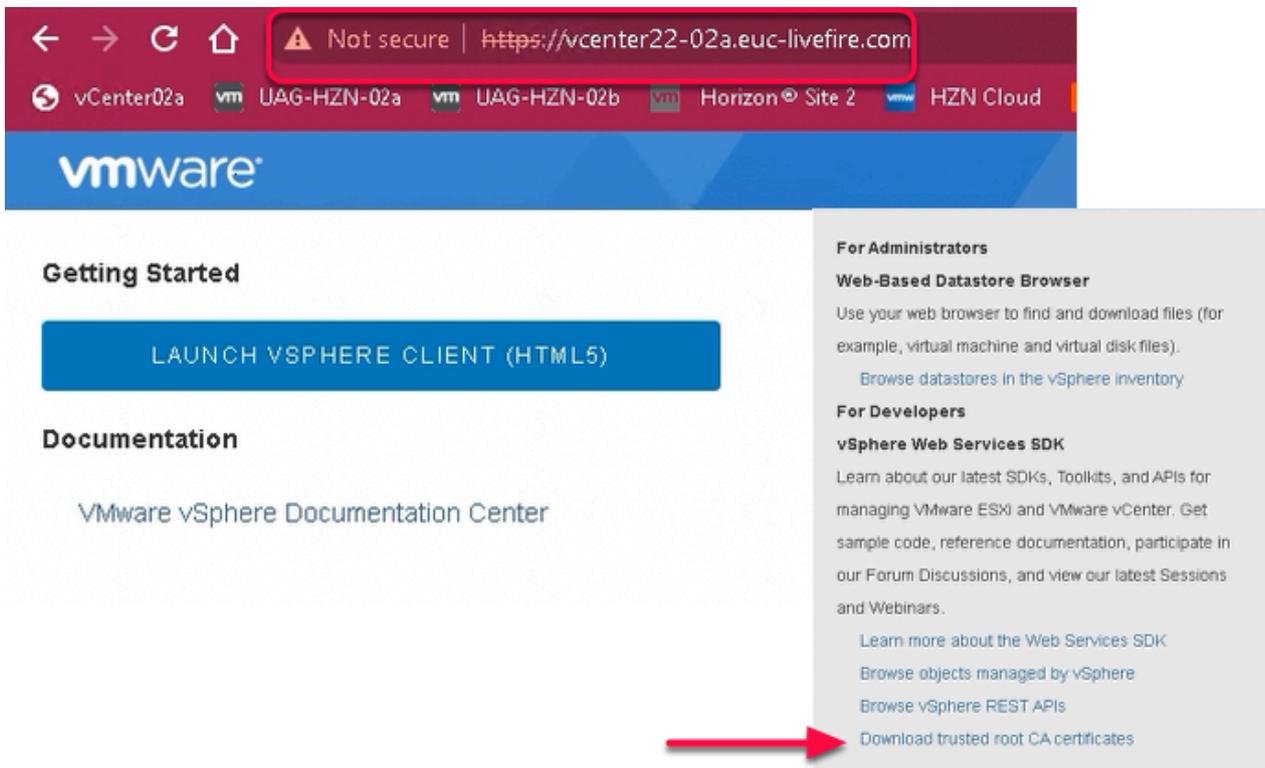
- Navigate to **Desktop**
 - Name the zip file as **vc-cert-site1**
 - Click **Save**



2. On the **Control Center**,
 - Navigate to **Desktop**
 - Locate **vc-cert-site1.zip**
 - **Right Click on vc-cert-site1.zip**
 - Click on **Extract All...**
 - In the **Select Destination and Extract Files** Window
 - **Click on Extract** to extract the certificate on the desktop
 - **Close vc-cert-site1** Windows Explorer window

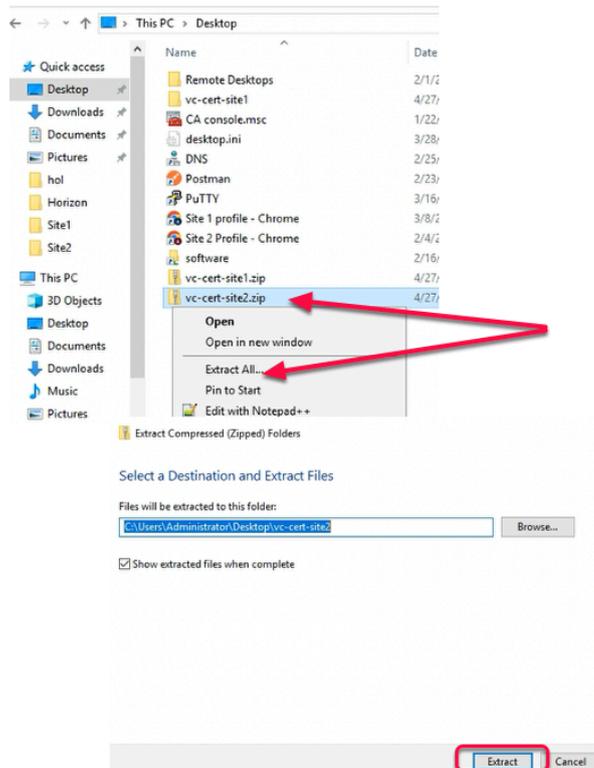
Part 1 Section 2 - Download and extract the root certificate from the vCenter in Site 2

Section 2 - Download and extract the root certificate from the vCenter in Site 2



1. On the **Control Center**

- Using a Chrome, navigate to the URL of vCenter Server instance for **Site 2**.
- Enter <https://vcenterXX-02a.euc-livefire.com>
 - where **XX** is your **POD ID**.
 - From the Right hand corner of the vCenter Page,
 - **Right Click on Download trusted root CA certificate**
 - Click on **Save link as...**
 - In the **Save As Window**
 - Navigate to **Desktop**
 - Name the zip file as **vc-cert-site2**
 - Click **Save**

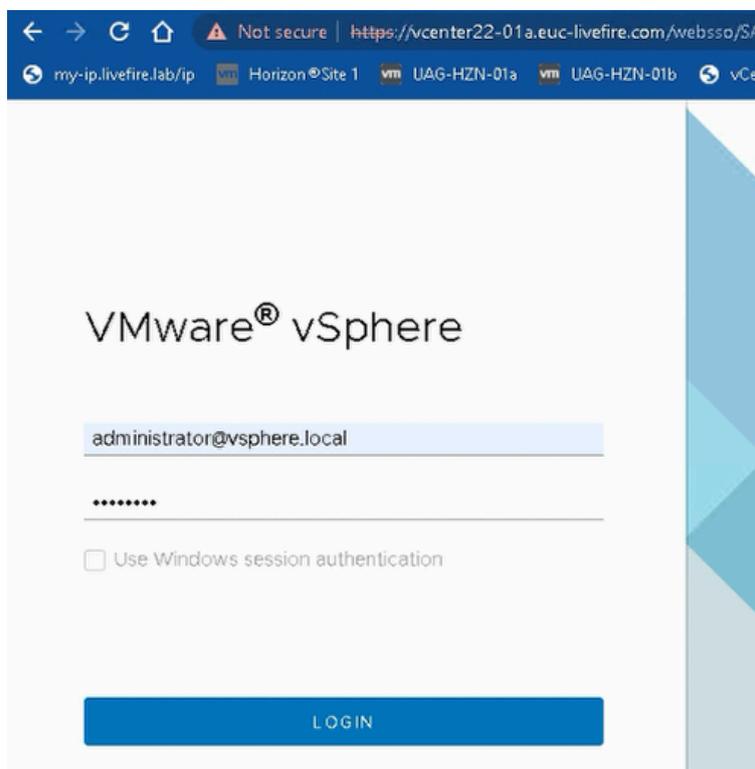


2. On the **Control Center**,

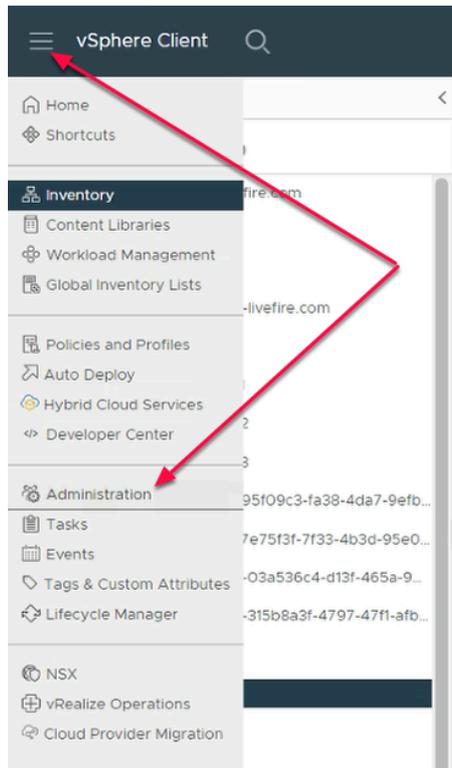
- Navigate to **Desktop**
 - Locate **vc-cert-site2.zip**
 - **Right Click on vc-cert-site1.zip**
 - Click on **Extract All...**
 - In the **Select Destination and Extract Files** Window
 - **Click on Extract** to extract the certificate on the desktop
 - **Close vc-cert-site2** Windows Explorer window

i Part 1 Section 3 - Import the Root Certificate of Site-2 vCenter to Site-1 vCenter

Section 3 - Import the Root Certificate of Site-2 vCenter to Site-1 vCenter

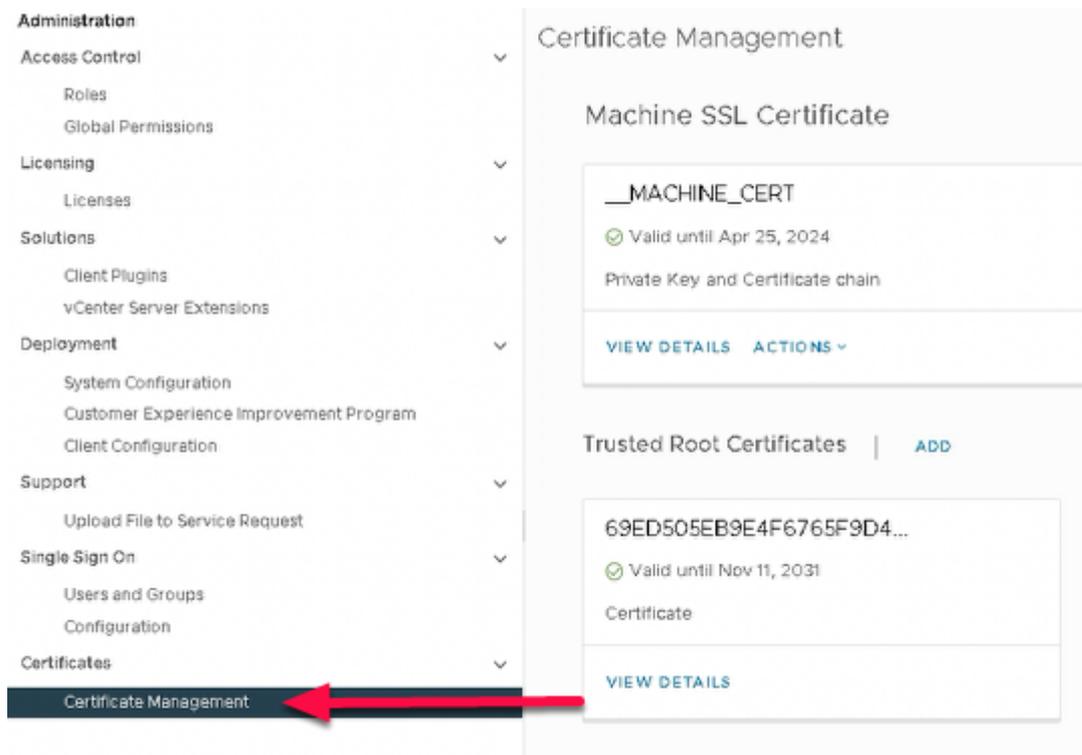


1. On the **Control Center**
 - Using a Chrome, navigate to the URL of vCenter Server instance for **Site 1**.
 - Enter <https://vcenterXX-01a.euc-livefire.com>
 - where **XX** is your **POD ID**.
 - **Note:** In the example we have used vcenter22-01a.euc-livefire.com
 - **Username** [administrator@vsphere.local](#)
 - **Password** **VMware1!**
 - **Click** **Login**



2. In the vSphere Client

- Navigate to **Menu (Three lines on the top)**> **Administration**



3. In the **Administration Menu**

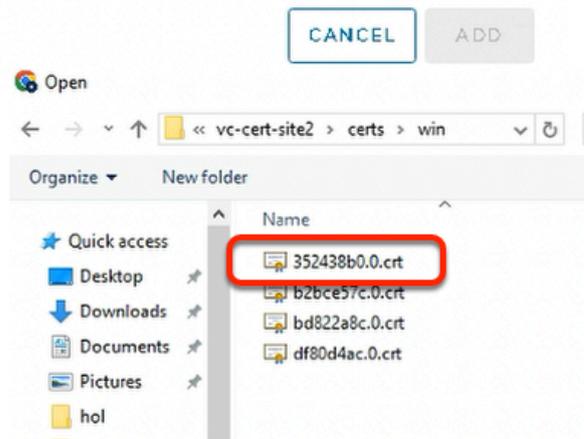
- Navigate to **Certificates** > **Certificate Management**
- In the **Certificate Management Menu**

- From the Right Hand side
 - Under **Trusted Root Certificates**
 - **Note:** you already have **3** Trusted Certificates
 - Click **ADD**

Add Trusted Root Certificate ×

Certificate Chain 

Start Root certificate push to vCenter Hosts



4. In the **Add Trusted Root Certificate** Wizard

- Next to **Certificate Chain**
 - Click on **BROWSE**
 - Navigate to :-
 - **C:\Users > Administrator > Desktop > vc-cert-site2 > certs > win**
 - Select the **first .crt file** listed
 - Select **Open**
 - Note: In our example, we have in **352438b0.0.crt**

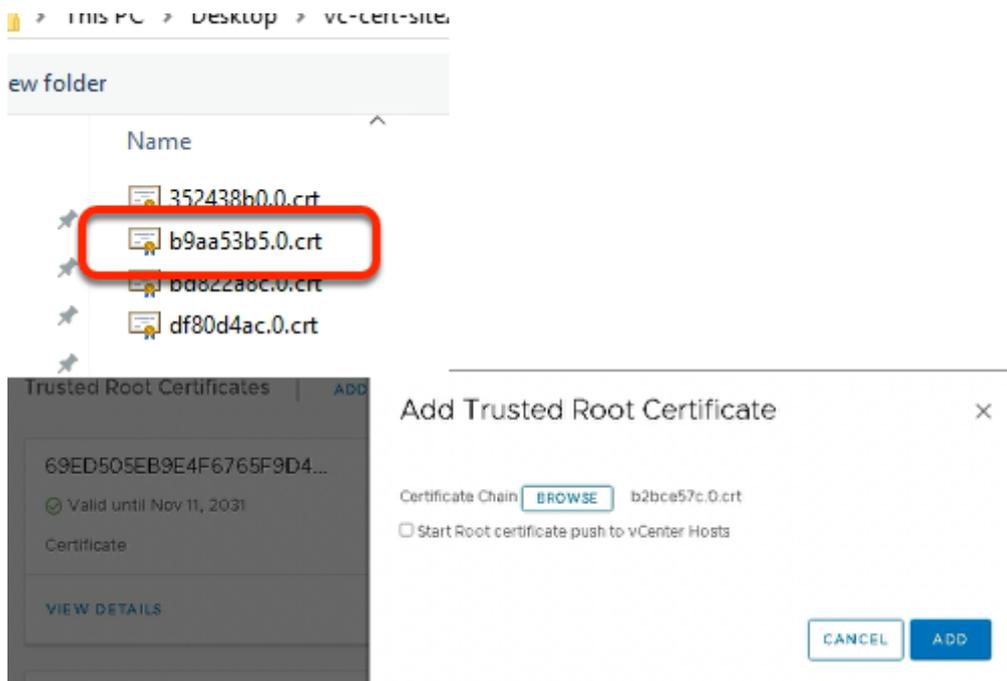
Add Trusted Root Certificate ×

Certificate Chain 352438b0.0.crt 

Start Root certificate push to vCenter Hosts

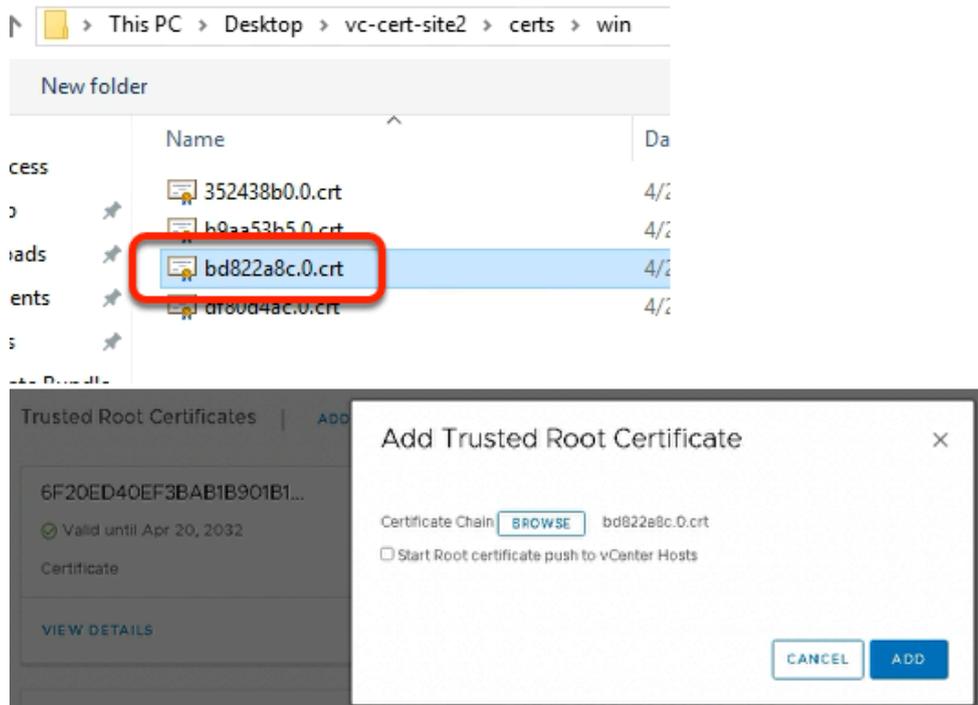
5. In the **Add Trusted Root Certificate Wizard**

- Click **ADD**



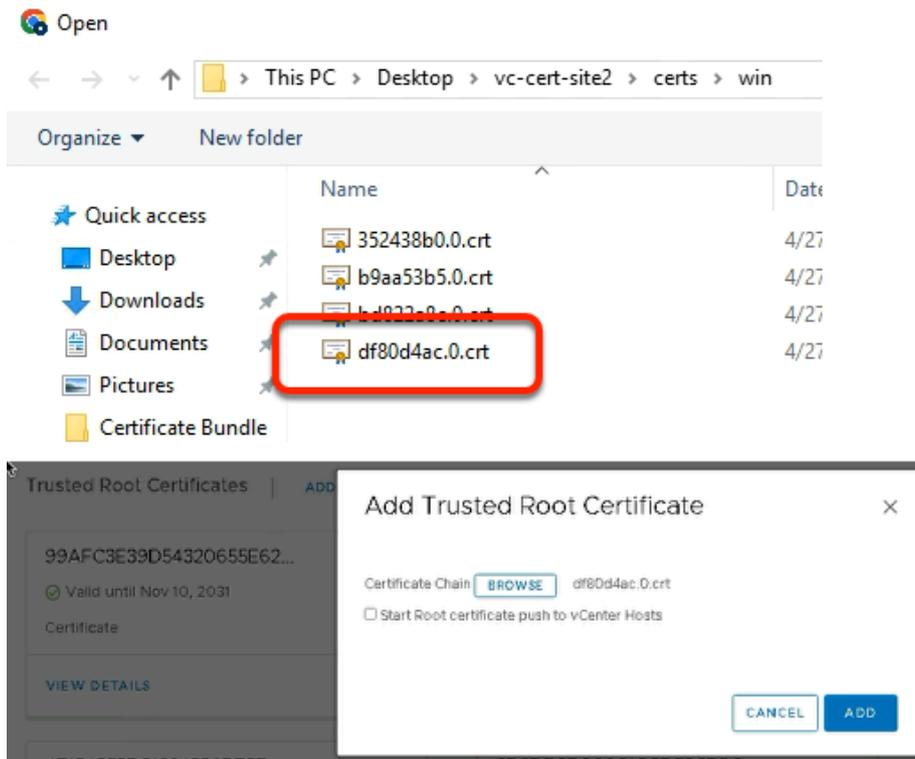
6. Under **Trusted Root Certificate**

- **Click on ADD** again
 - Click on **BROWSE**
 - Navigate to:
 - **C:\Users > Administrator > Desktop > vc-cert-site2 > certs > win**
 - Select the **second .crt** file listed
 - Select **Open**
 - **Note:** In our example, the second crt file is **b2bce57c.0.crt**
- Click **ADD**
 - to add the second certificate in trusted root certificate



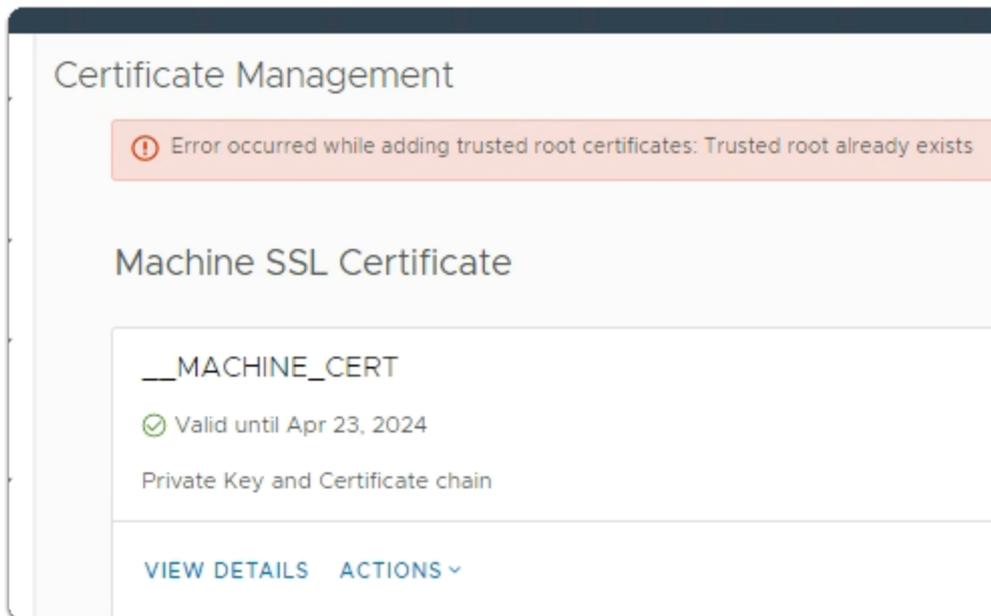
7. Under **Trusted Root Certificate**

- Click on **ADD** again
 - Click on **BROWSE**
 - Navigate to: -
 - **C:\Users > Administrator > Desktop > vc-cert-site2 > certs > win**
 - Select the **third .crt file** listed
 - Select **Open**
 - **Note:** In our example, the third crt file is **bd822a8c.0.crt**
 - **Click ADD**
 - to add the third certificate in trusted root certificate

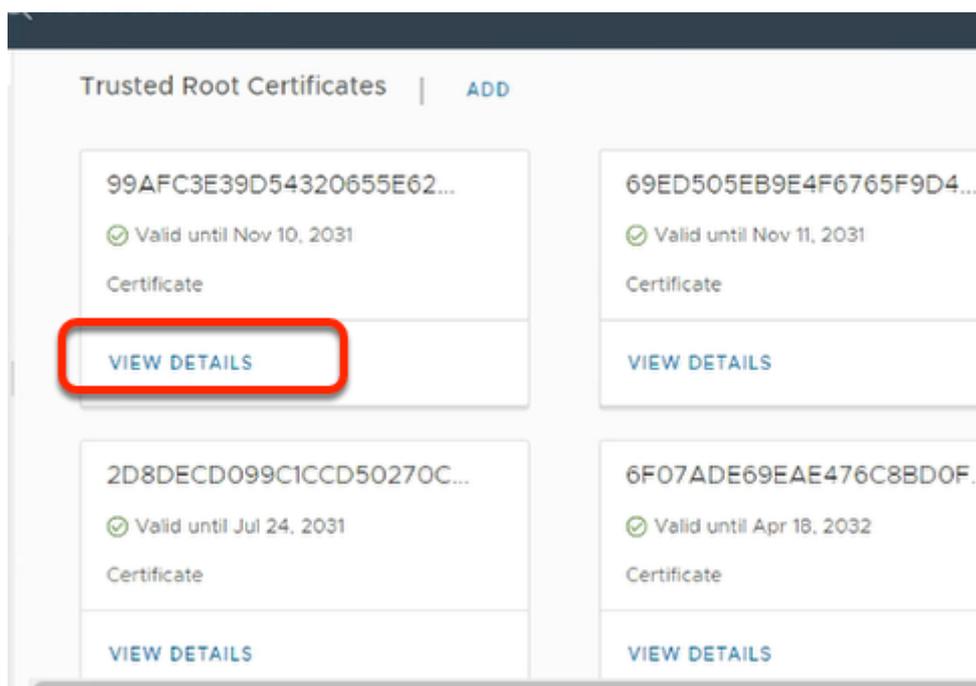


8. Under **Trusted Root Certificate**

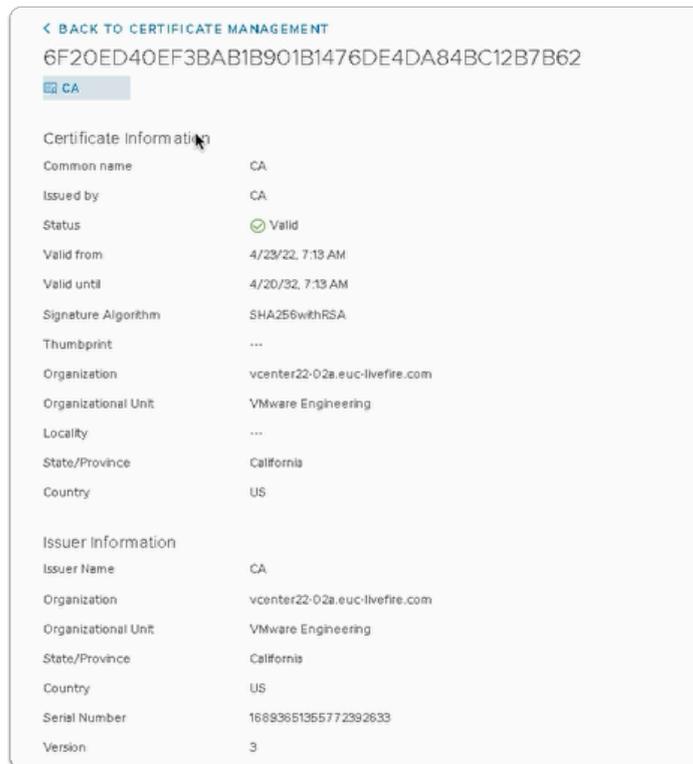
- Click on **ADD** again
 - Click on **BROWSE**
 - Navigate to :-
 - **C:\Users > Administrator > Desktop > vc-cert-site2 > certs > win**
 - Select the **fourth .crt file** listed
 - Select **Open**
 - **Note:** In our example, the fourth crt file is **df80d4ac.0.crt**
- Click **ADD**
 - to add the fourth certificate in trusted root certificate



9. In the Certificate Mangement window
 - Note: An error message occurs .
 - Please ignore this message and move on to step 10

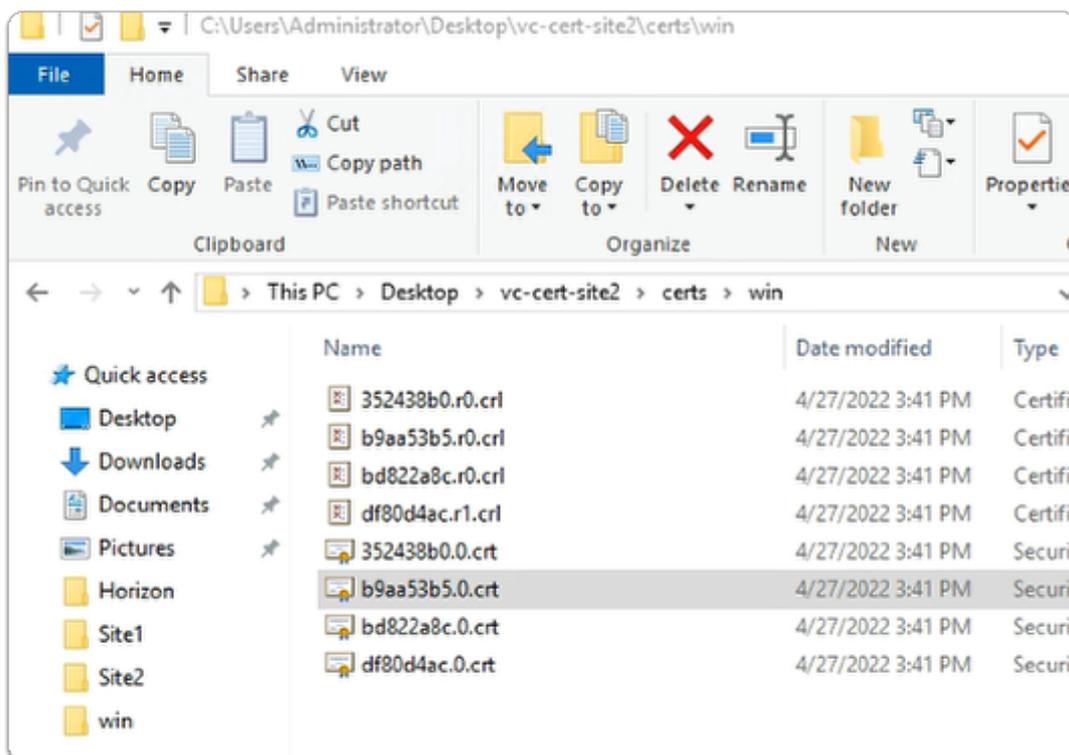


10. Under **Trusted Root Certificates**
 - Notice you have **6 GUID numbers** each with its own **VIEW DETAILS**
 - Under each **GUID**
 - Click on **VIEW DETAILS**

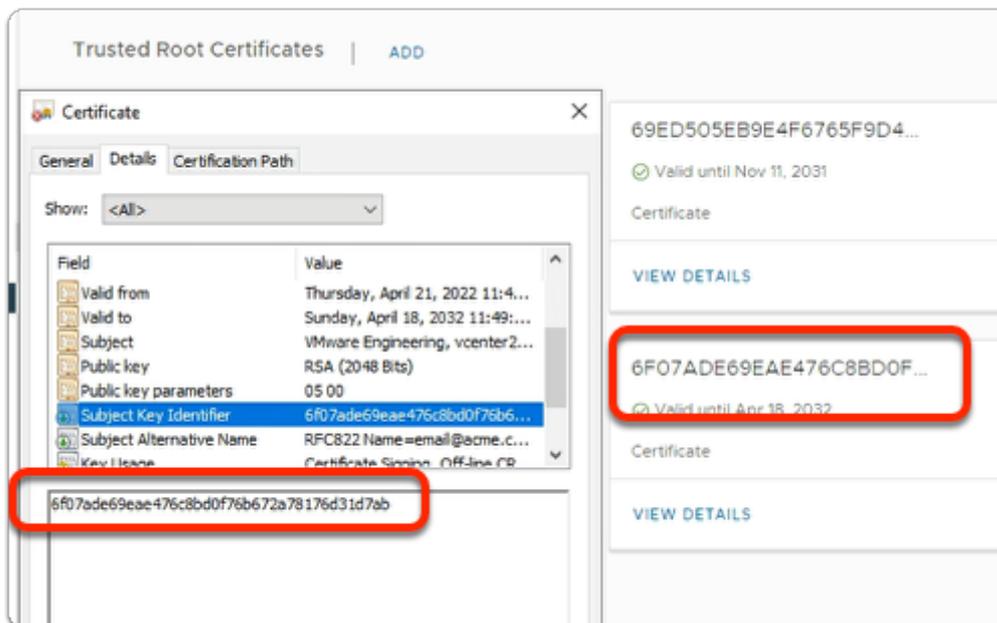


11. In the Certificate Information window

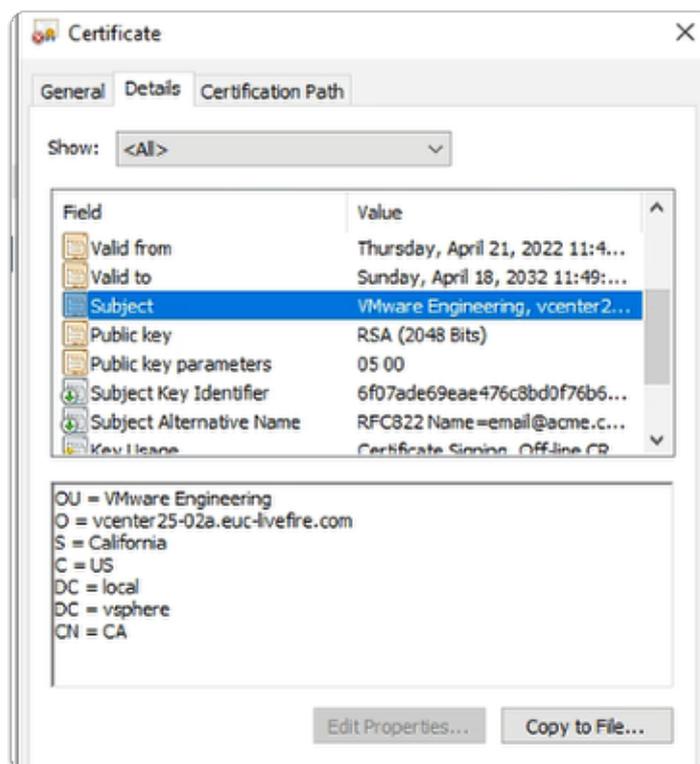
- On each certificate, verify you can see the certificate of your Site 2 vCenter
 - In the example, vCenter of Site 2 is **vcenter22-02a.euc-livfire.com**
 - There are references to other vCenter server names with the other certificates.
 - Out of the 4, only one references your current vcenter name



12. On your Controlcenter server desktop
- Go to the **vc-cert-site2** folder
 - Select any one of your 4 .crt files

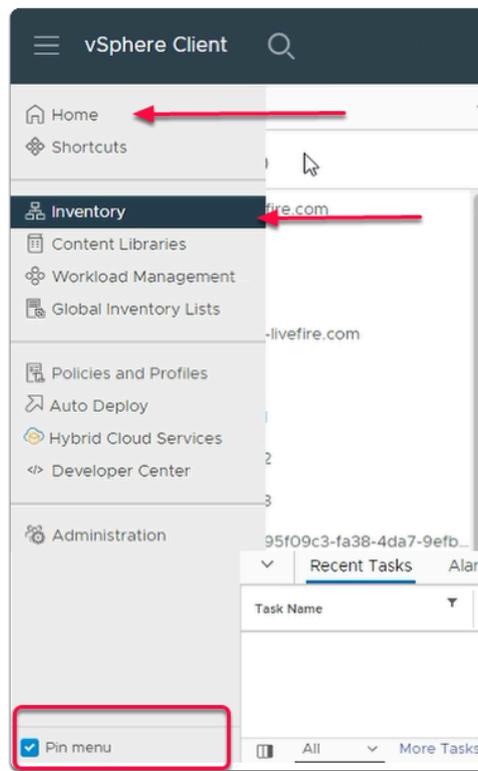


13. In the **Certificate** folder
- Select the **Details** tab
 - Select the **Subject Key Identifier**
 - Compare the **Subject Key Identifier** with your GUIDs under **Trusted Root Certificates**



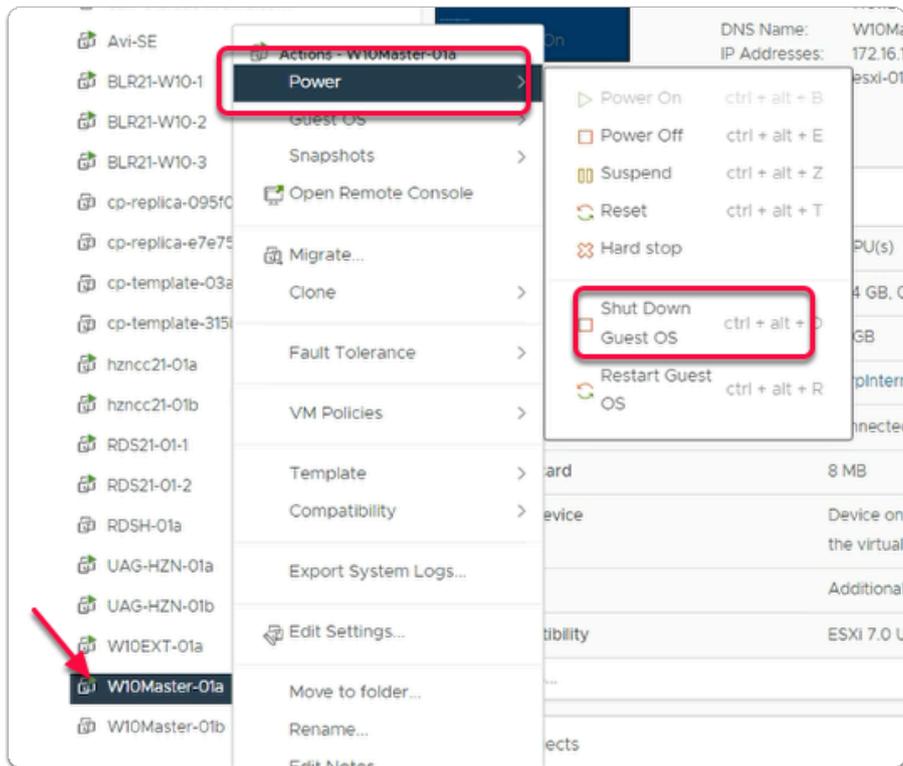
14. In the **Certificate** folder

- In the **Details** tab
 - Select **Subject**
 - Notice the information displayed
 - Out of the 4 only 1 is a reference to vCenterXX-02a.euc-livewire.com



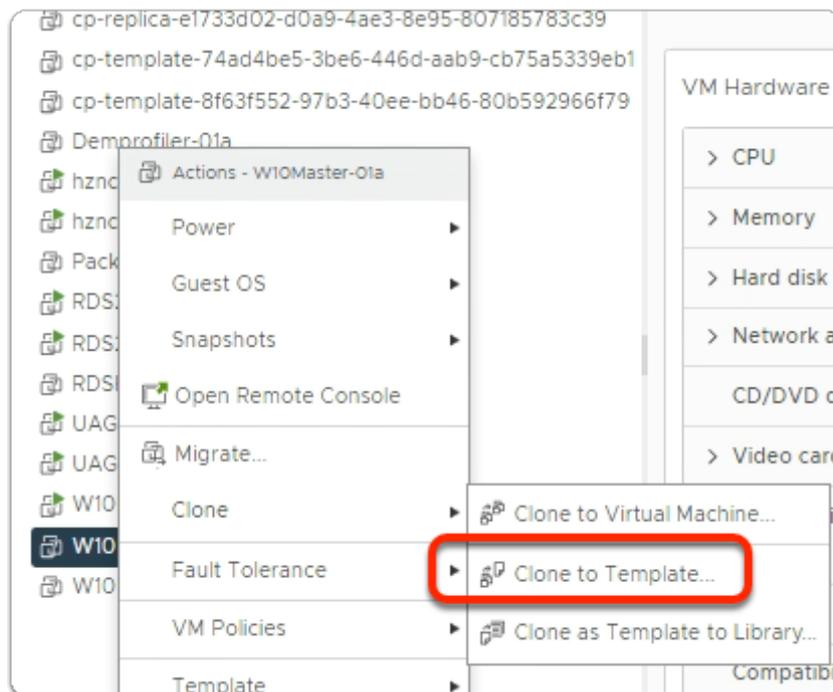
15. In the **vSphere client**

- Click on **Menu (Three Lines on the top)> Inventory**
- **You can also select Pin menu checkbox to lock the menu**



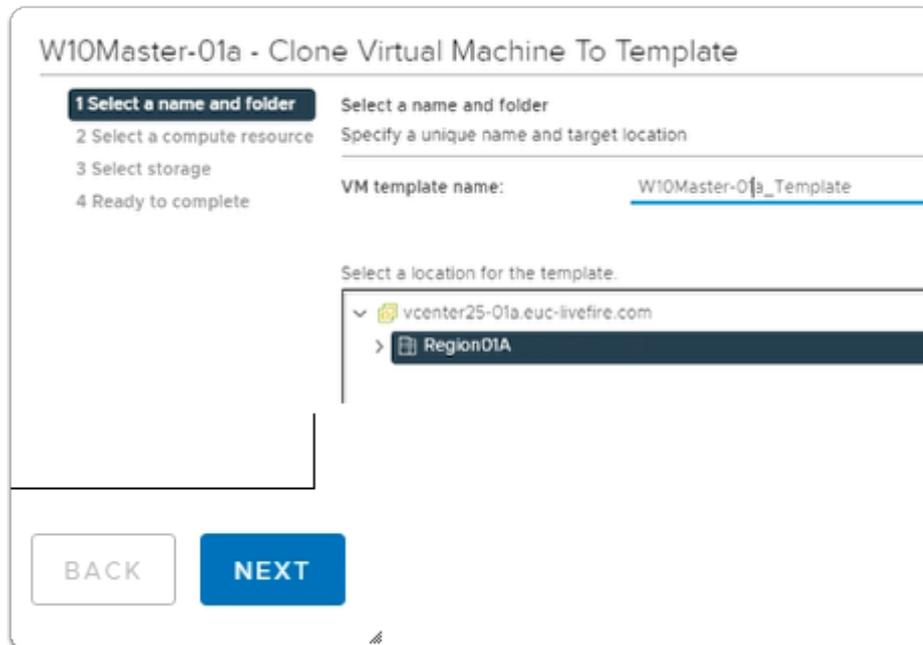
16. In the **vSphere Client**

-
- Select and right click **W10Master-01a**
 - Select **Power** and **Shut Down Guest OS**
- In the **Confirm Guest Shut Down** window
 - select **YES**



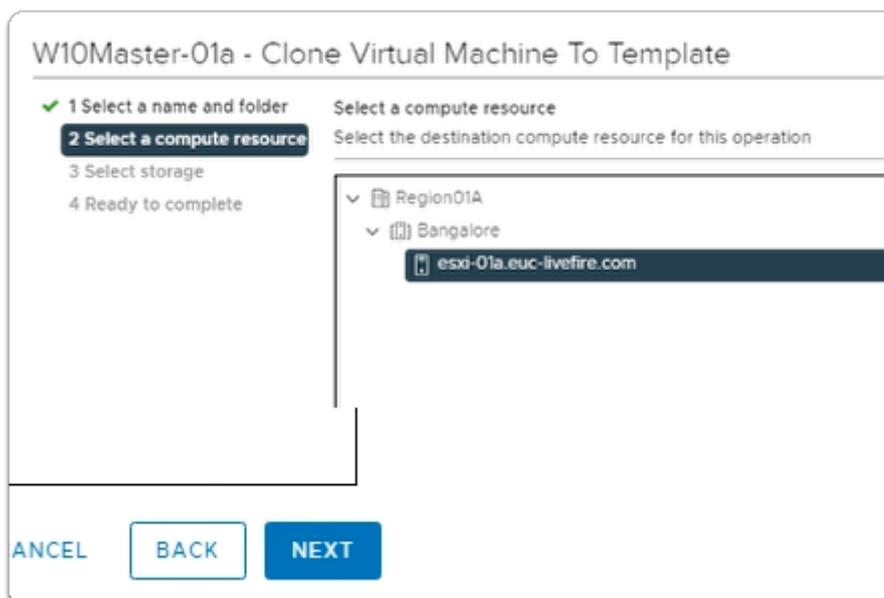
17. In the **vSphere Client**

- Select and right click **W10Master-01a**
- Select **Clone** > **Clone to Template...**



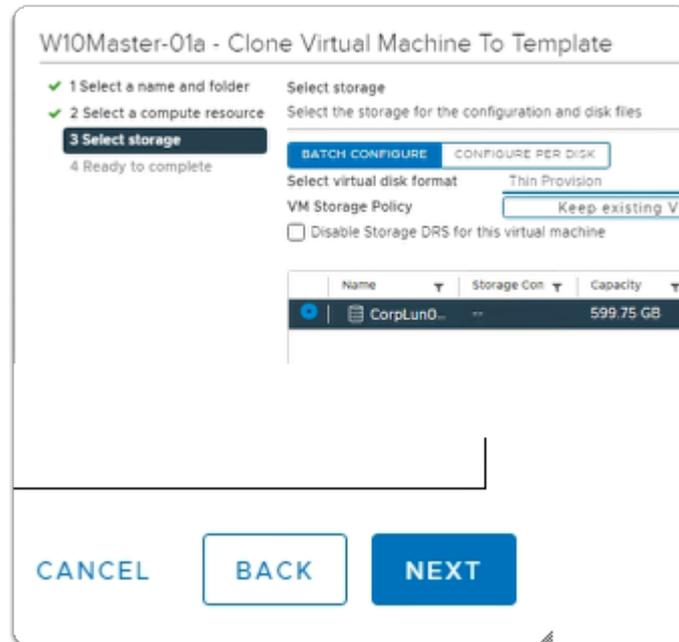
18. In the **W10Master-01a - Clone Virtual Machine To Template** wizard

- Next to **VM template name:**
 - enter **W10Master-01a_Template**
- Under **Select a location for the template**
 - Select **Region01a** datacenter object
- Select **NEXT**

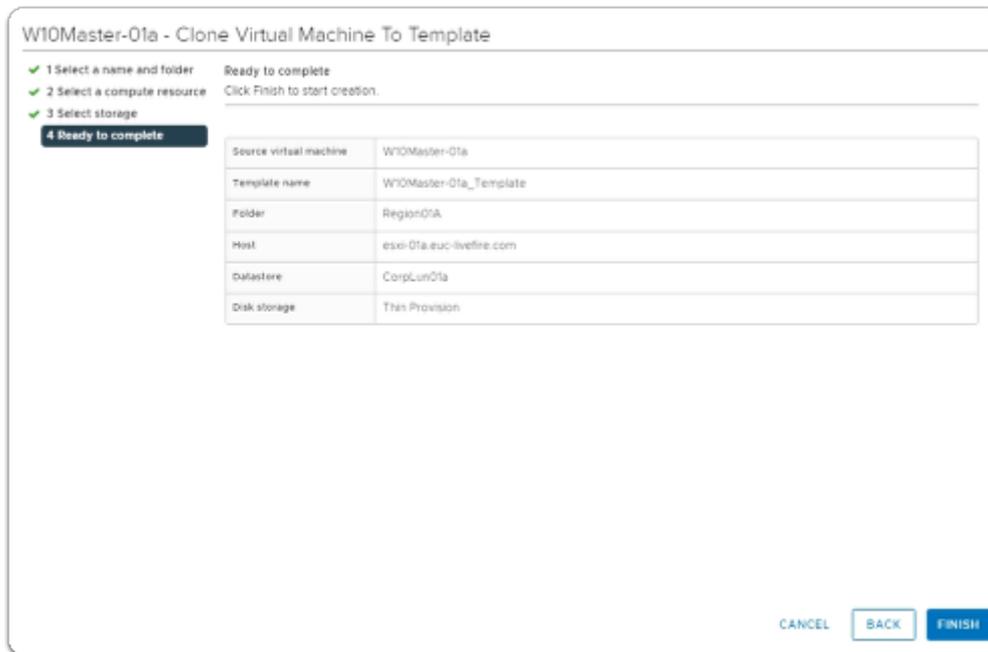


19. In the **W10Master-01a - Clone Virtual Machine To Template** wizard

- In the **Select a compute resource** area
 - Expand **Bangalore**
 - Select **esxi-01a.euc-livewire.com**
- Select **NEXT**



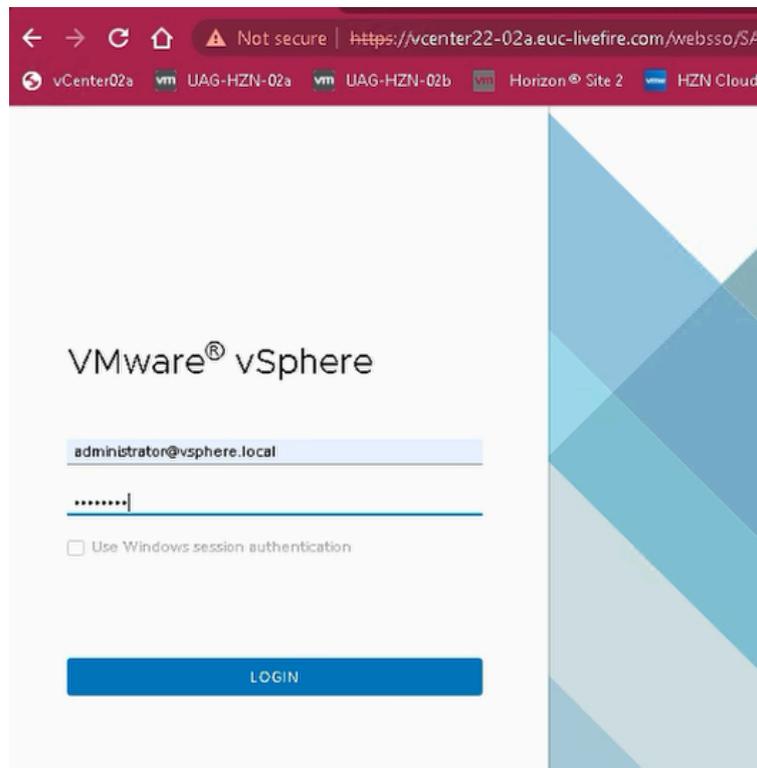
20. In the **W10Master-01a - Clone Virtual Machine To Template** wizard
- Next to **CorpLun-01a**:
 - select **the radio button**
 - Next to **Select virtual disk format**
 - from the **dropdown** select **Thin Provision**
 - Select **NEXT**



20. In the **W10Master-01a - Clone Virtual Machine To Template** wizard
- **Ready to complete** page
 - Select **FINISH**

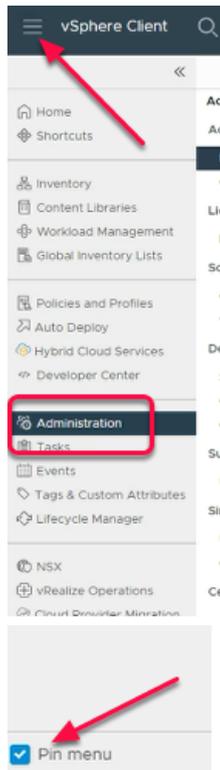
i Part 1 Section 4 - Import the Root Certificate of Site 1 vCenter to Site 2 vCenter

Section 4 - Import the Root Certificate of Site 1 vCenter to Site 2 vCenter



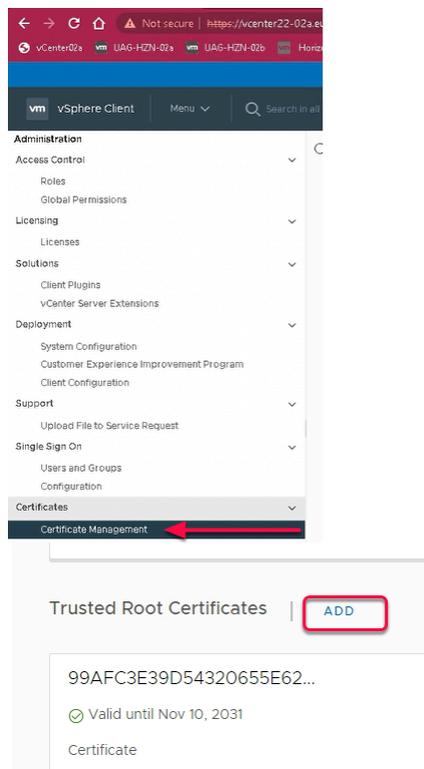
1. On the **Control Center**

- Using a Chrome for **Site 2**, navigate to the URL of vCenter Server instance for **Site 2**.
 - Enter <https://vcenterXX-02a.euc-livefire.com>
 - where **XX** is your **POD ID**.
 - **Note:** In the example we have used **vcenter22-02a**
 - **Username** administrator@vsphere.local
 - **Password** **VMware1!**
 - **Click** **Login**



2. In the **vSphere Client**

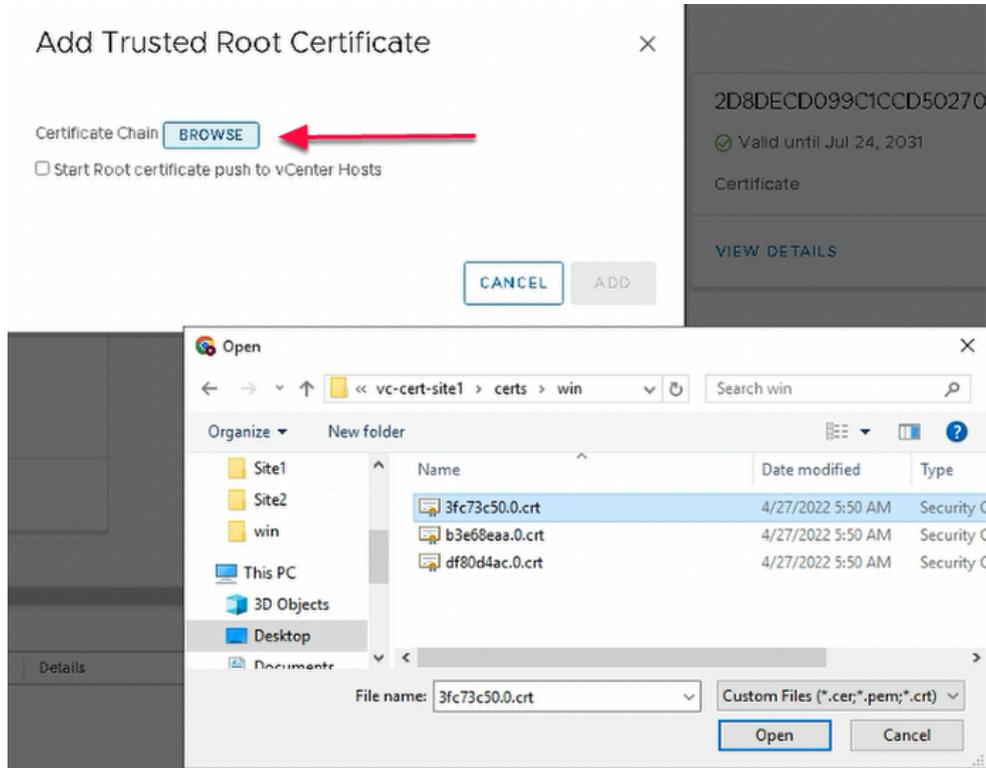
- Navigate to **Menu (Three lines on the top)** > **Administration**
- Select **Pin Menu** checkbox to lock the menu



3. In **Administration Menu**

- Navigate to **Certificate** > **Certificate Management**

- In the **Certificate Management Menu**
 - From the Right-hand-side
 - Under **Trusted Root Certificate**
 - Note you already have **4 Certificates**
 - Click **ADD**



4. In the **Add Trusted Root Certificate Wizard**

- Click on **BROWSE**
 - **Navigate to:-**
 - **C:\Users > Administrator > Desktop > vc-cert-site1 > certs > win**
 - Select the **first .crt file** listed
 - Select **Open**
 - Note: In our example, we have **3fc73c50.0.crt**

Add Trusted Root Certificate



Certificate Chain 3fc73c50.0.crt

Start Root certificate push to vCenter Hosts

5. In the **Add Trusted Root Certificate Wizard**

- Click **ADD**

Trusted Root Certificates |

99AFC3E39D54320655E62...

Valid until Nov 10, 2031

Certificate

Add Trusted Root Certificate

Certificate Chain b3e68aaa.0.crt

Start Root certificate push to vCenter Hosts

6. Under **Trusted Root Certificate**

- **Click ADD**
 - Click on **BROWSE**
 - Navigate to **C:\Users > Administrator > Desktop > vc-cert-site1 > certs > win**
 - Select the **second .crt file** listed
 - Select **Open**
 - **Note:** In our example, the second crt file is **b3e68aaa.0.crt**
 - **Click ADD** to add the second certificate in trusted root certificate

Trusted Root Certificates |

6F20ED40EF3BAB1B901B1...

Valid until Apr 20, 2032

Certificate

Add Trusted Root Certificate

Certificate Chain bd822a8c.0.crt

Start Root certificate push to vCenter Hosts

7. Under **Trusted Root Certificate**

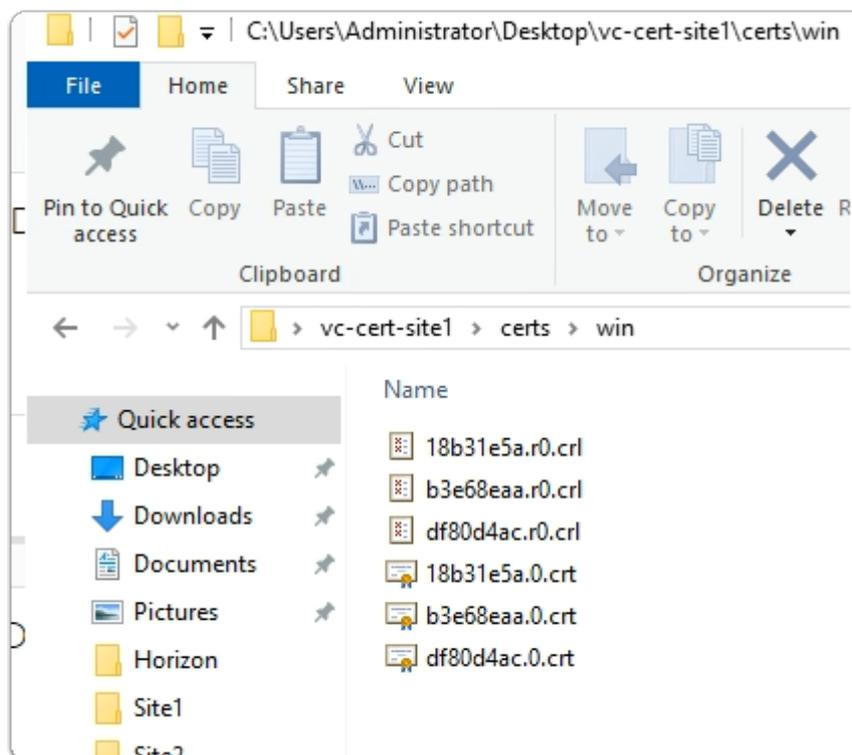
- **Click ADD**

- Click on **BROWSE**
- **Navigate to C:\Users > Administrator > Desktop > vc-cert-site1 > certs > win**
 - Select the **third .crt file** listed
 - Select **Open**
 - **Note:** In our example, the third crt file is **bd822a8c.0.crt**
- **Click ADD**
 - to add the third certificate in trusted root certificate



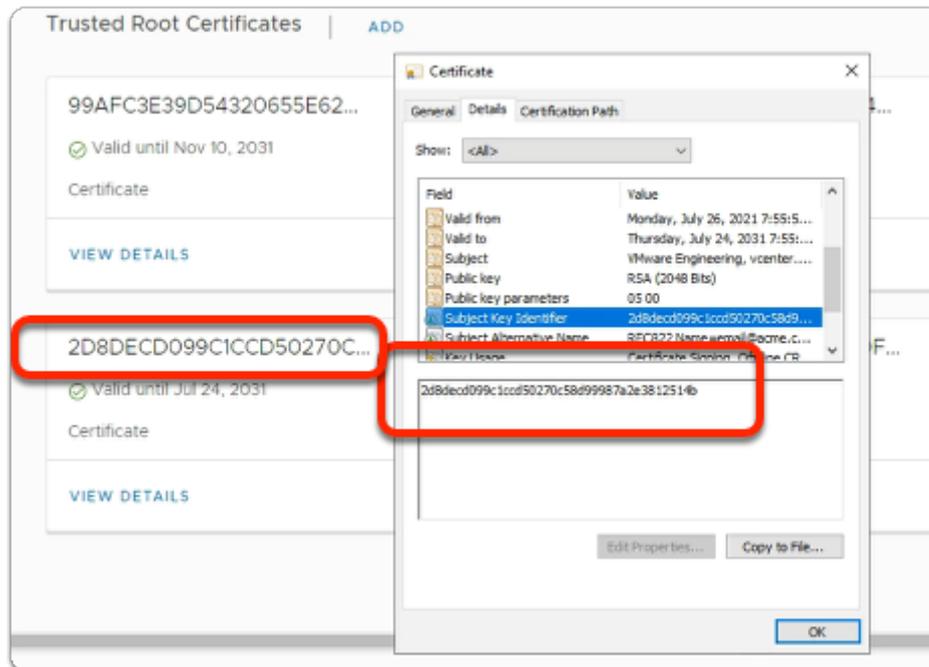
8. In the **Certificate Management** window

- If you get an error
 - **Error occurred while adding trusted root certificates: Trusted root already exists**
- Ignore and **close** the error and move on to the next step 9

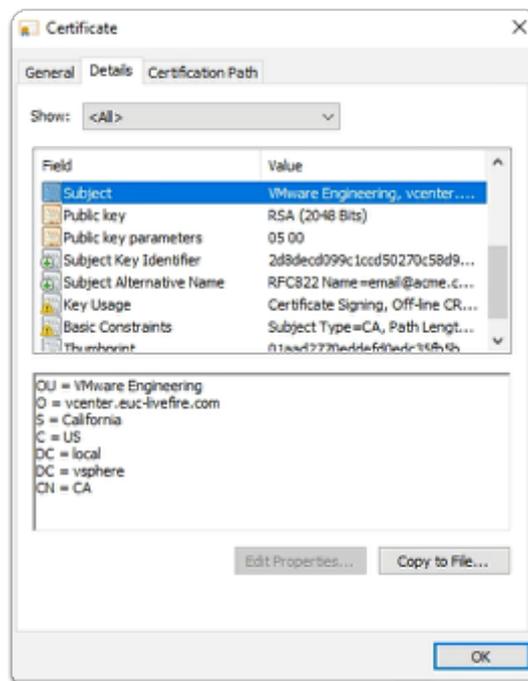


9. On your **Controlcenter** server desktop

- Go to the **vc-cert-site1** folder
 - Select any one of your **3 .crt** files



10. In the **Certificate** folder
 - Select the **Details** tab
 - Select the **Subject Key Identifier**
 - Compare the **Subject Key Identifier** with your GUIDs under **Trusted Root Certificates**



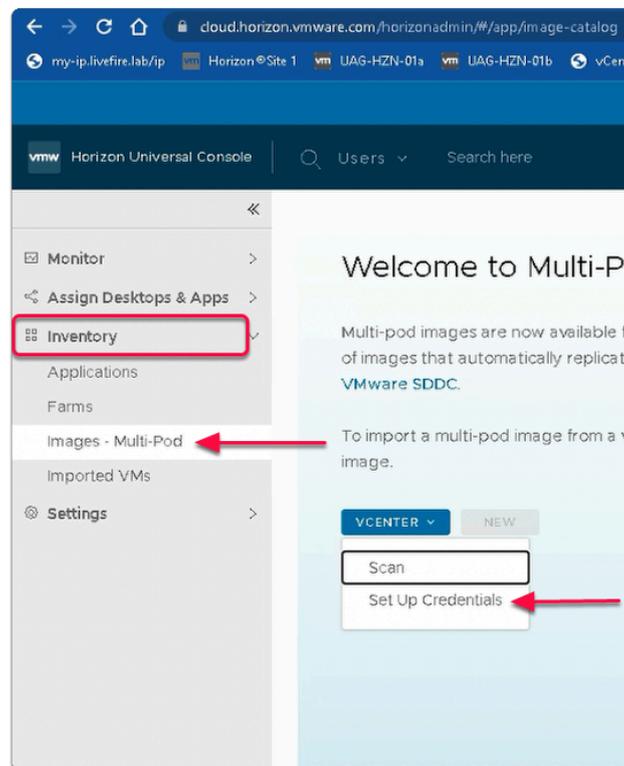
11. In the **Certificate** folder
 - In the **Details** tab
 - Select **Subject**
 - Notice the information displayed

- Out of the 3 only 1 is a reference to **vCenterXX-01a.euc-livewire.com**

Part 2- Adding vCenter to the Horizon Universal console for Image Management

We will start with Horizon Cloud Services configuration for the Horizon Image Management services

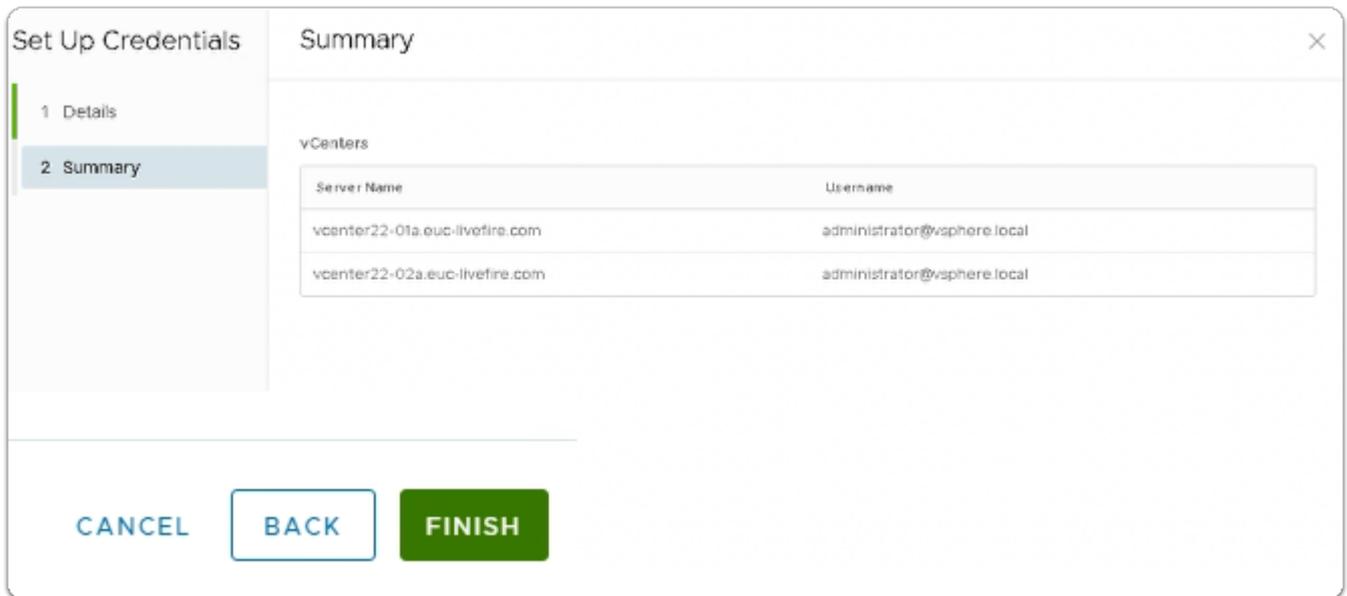
Adding vCenter to the Horizon Universal console for Image Management



1. In the Horizon Universal Console
 - Navigate to **Inventory > Images - Multi-Pod**
 - Click on **vCENTER Drop Down** button
 - Select **Set UP Credentials**

3. In the **Set Up Credentials** window

- Next to:
 - **Use same credentials for all vCenters**
 - Switch the **toggle button** to **ON**
- Enter the following for **vcenterXX-01a.euc-livfire.com**
 - Where **XX** is your **POD ID**.
 - **Username*** type **administrator@vsphere.local**
 - **Password*** type **VMware1!**
 - **Note:** In the example our vCenter for **Site 1** is **vcenter22-01a.euc-livfire.com**
- Enter the following for **vcenterXX-02a.euc-livfire.com**
 - where **XX** is your **POD ID**.
 - **Username*** type **administrator@vsphere.local**
 - **Password*** type **VMware1!**
 - **Note:** In the example our vCenter for **Site 2** is **vcenter22-02a.euc-livfire.com**
- Select **NEXT**

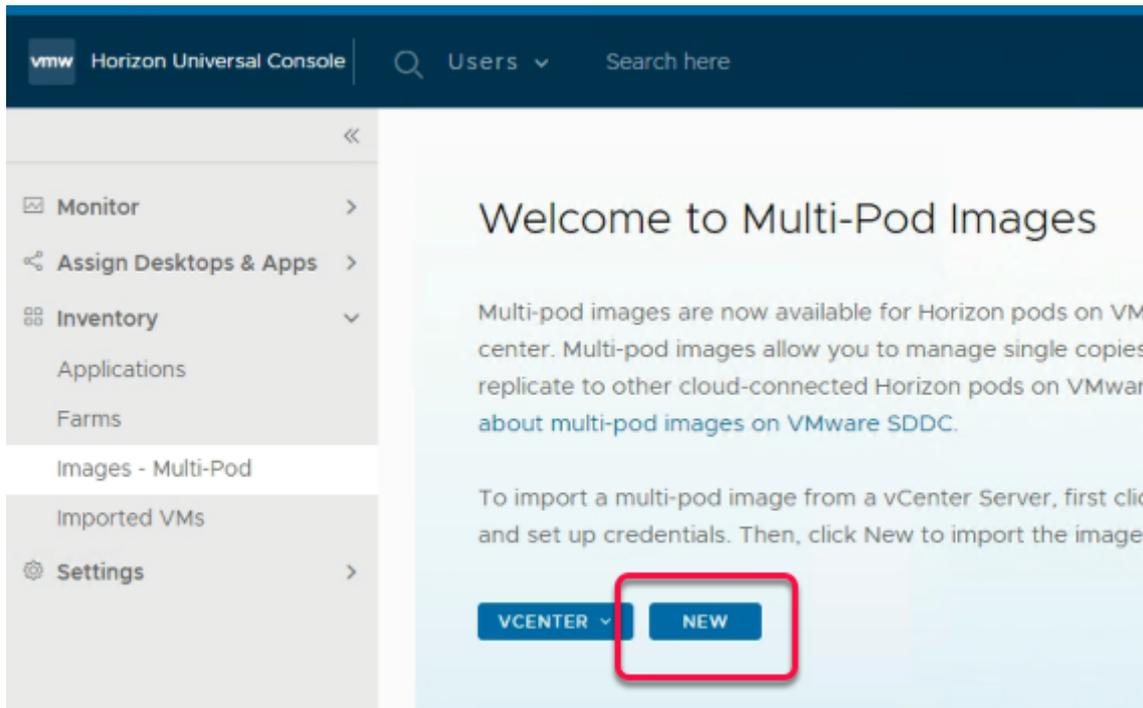


4. In the **Summary** Window
 - Click **FINISH**

Part 3 Importing and Publishing the template from Site 1

 **Part 3 Section 1 Importing the template from Site 1**

Section 1 Importing the template from Site 1



1. In the **Welcome to Multi-Pod Images**

- Click **NEW**

Import Images

General Information

Define the parameters for the images you want to import, then select the images from the list. Field(s) marked with * are required.

In Use By Pool

Type VM template VM snapshot

Pod * HZNBangalore

vCenter * vcenter25-01a.euc-livfire.com

Images *

	Name
<input type="radio"/>	2019Template
<input checked="" type="radio"/>	W10Master-01a_Template
<input type="radio"/>	W10Template

CANCEL NEXT

2. In the **Import Images** Window

1. General Information

- Ensure that
 - **In Use By Pool** toggle button is **Off**
 - In line with :-
 - **Type**
 - The **radio button** next to **VM template** is selected
 - **Pod***
 - validate that that **HznBangalore** is selected
 - **vCenter ***
 - **vcenterXX-01a.euc-livewire.com** selected
 - Where **XX** is your **POD ID**
- Under **Images ***
 - Next to **W10Master-01a_Template**
 - select the **radio button**
- Click **NEXT**

2 Details

3 Summary

Selected Images 1

W10Master-01a_Template

Name *	Win10-XX-01
Description	Assist Agent
Username *	admin
Password *	VMware!
Marker(s)	AssistAgent x

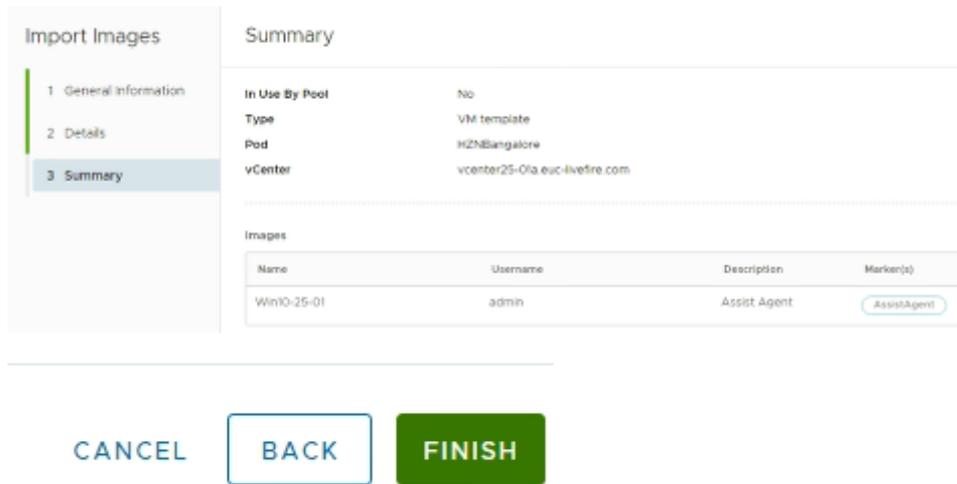
NCEL BACK NEXT

3. In the **Import Images** wizard

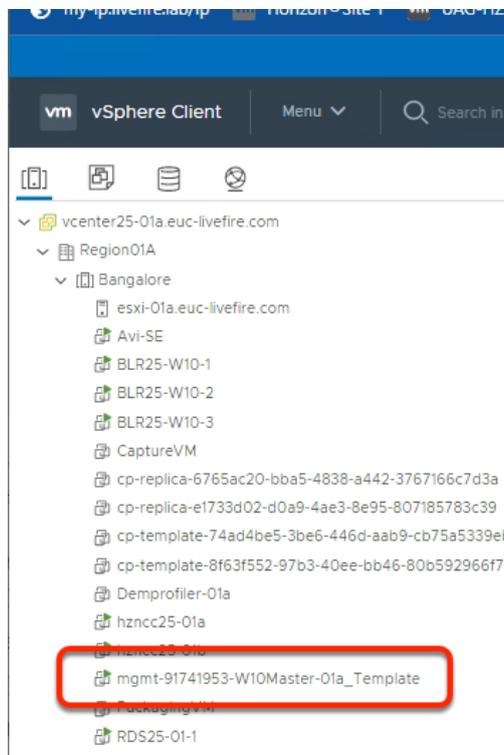
2. **Details** area:-

- Below **W10Master-01a_Template**,
 - enter the following, next to :-
 - **Name*** enter **Win10-XX-01**
 - Where **XX** is your **POD ID**
 - **Description**, enter: **Assist Agent**
 - **Username*** enter: **admin**

- **Password*** enter: **VMware1!**
- **Marker(s):** enter **AssistAgent**
 - with your **keyboard**, select **ENTER**
- Click **NEXT**



4. In the **Import Images** wizard
 3. **Summary** Window
 - Verify YOUR Settings
 - Click on **FINISH**

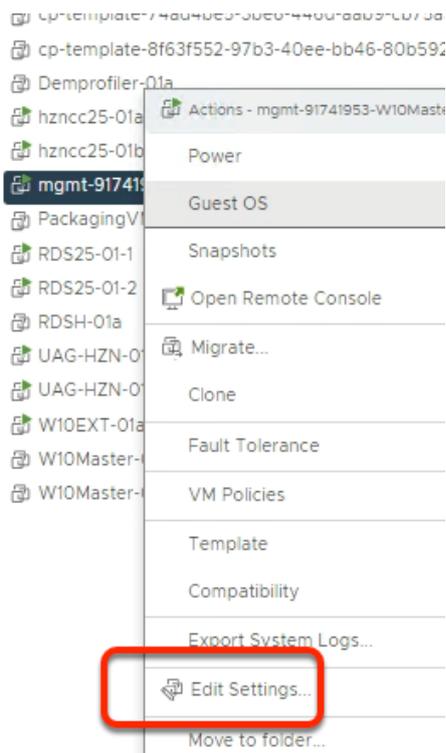


5. From the **Control Center** desktop,
 - Using the **Site 1** chrome Browser

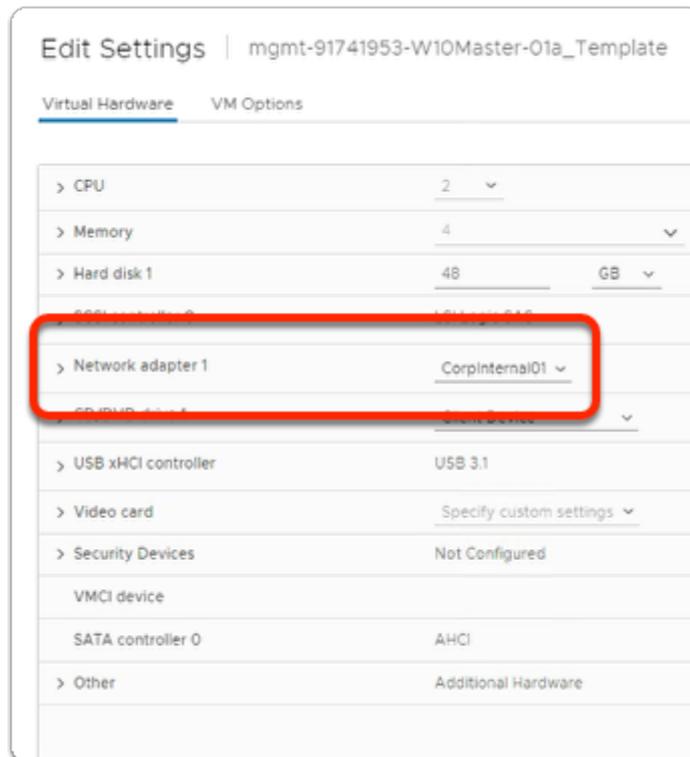
- Login to **vCenter in Site 1**
 - **vcenterXX-01a.euc-livfire.com**
 - Where **XX** is your **POD ID**
 - **Username***
 - type **administrator@vsphere.local**
 - **Password***
 - type **VMware1!**

- Notice a new Virtual Machine got created with the name **mgmt-XXXXXXXX-W10Master01A_Template**
- **We will now proceed to Verify** the New VM has got the **CorpInternal01** network adaptor

💡 Ensure that the clone operation is complete in the **Recent Tasks** of the vSphere Client

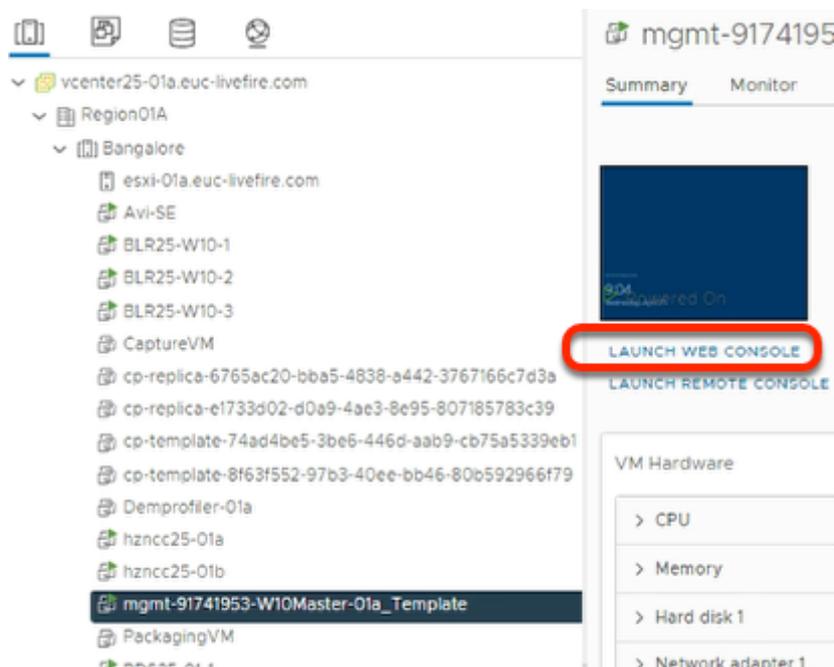


6. From the vCenter Inventory
 - Select and right-Click **Virtual Machine name** > **Edit Settings**



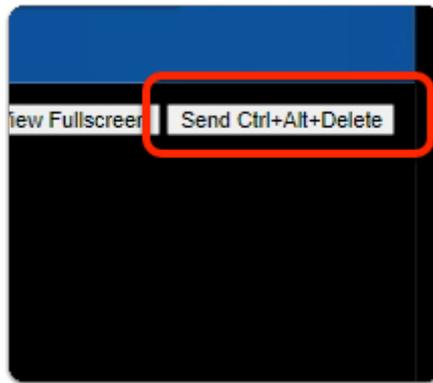
7. In the **Edit Settings** window

- If there is a different adapter, change the adapter to **CorpInternal01**
- To Close the **Edit Settings** Window
 - Click **Ok**



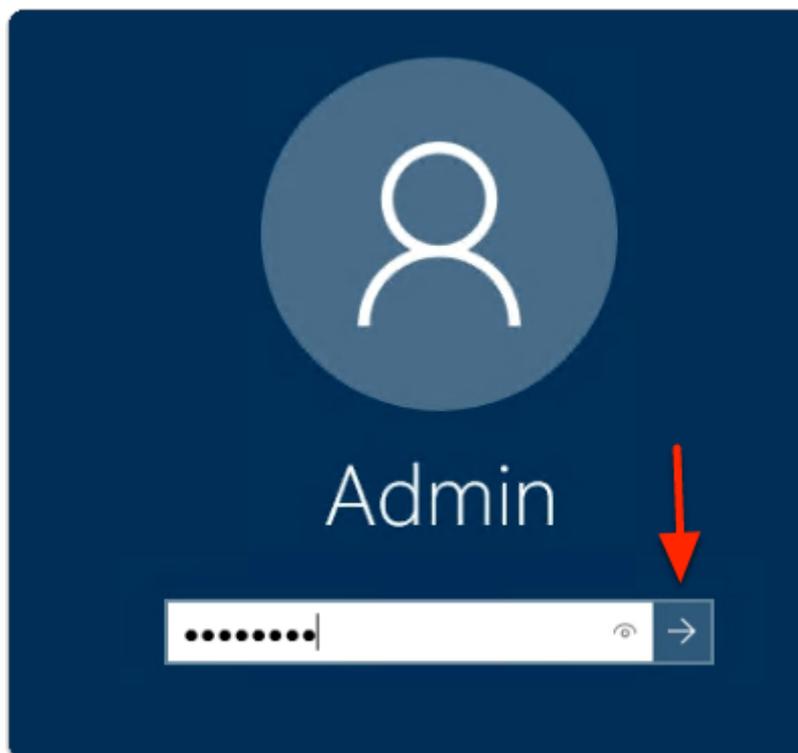
8. In the vSphere Web Client

- In the right pane of the **mgmt-XXXX-W10Master-01a_Template**
 - Click **Launch Web Console**



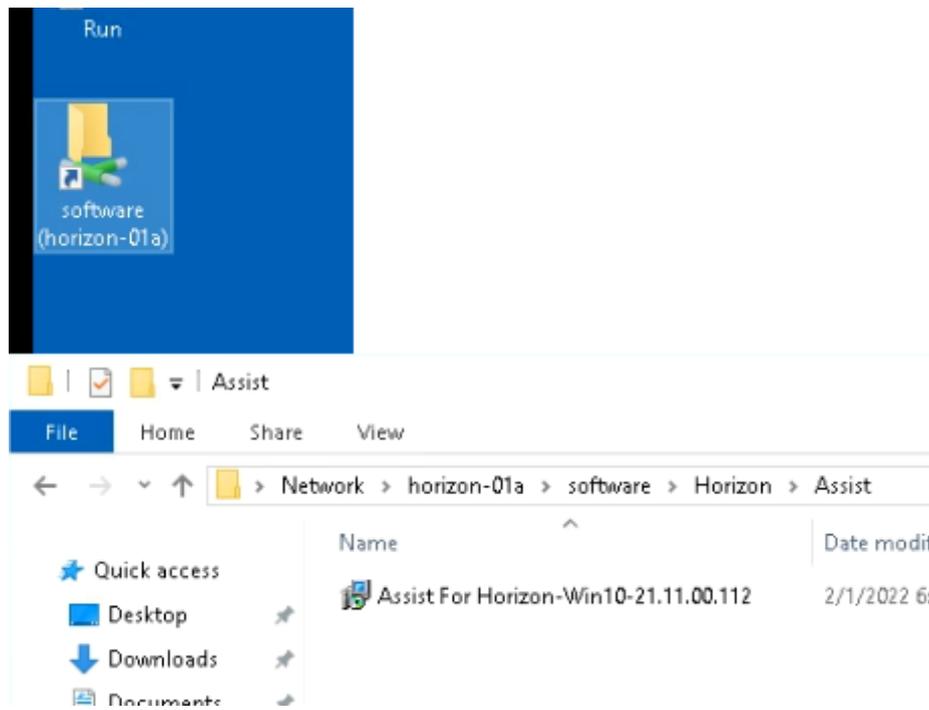
9. In the Web Console

- Top right corner
- Select **Send Ctrl+Alt+Delete**

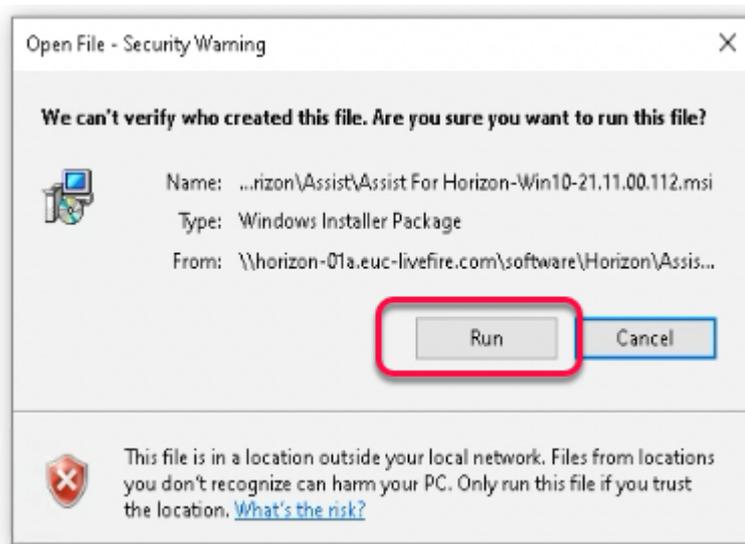


10. In the Web Console

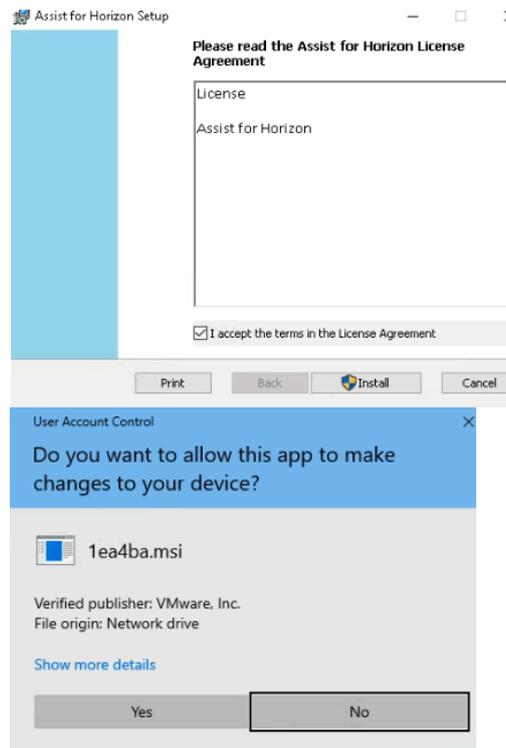
- Under **Admin**
- enter **VMware1!**
- Select **Submit**



11. On the **mgmt-XXXXXXXX-W10Master01A** Desktop
 - Open the **Software** folder shortcut
 - Navigate to **Horizon > Assist**
 - In the **Assist** folder
 - Double Click on **Assist For Horizon-Win10-21** installer

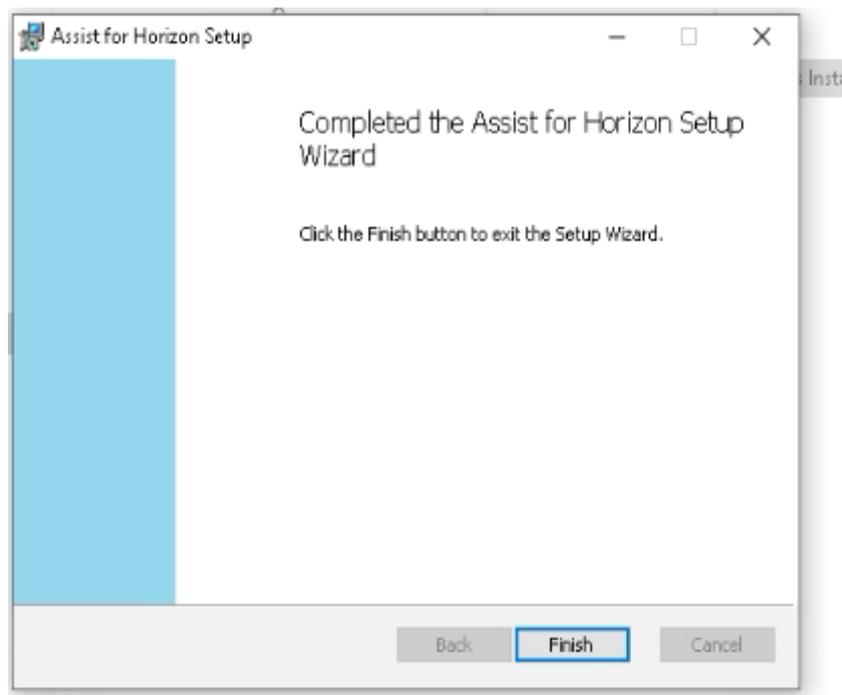


12. On the **mgmt-XXXXXXXX-W10Master01A** Desktop
 - In the **Open File - Security Warning**
 - Click **Run**



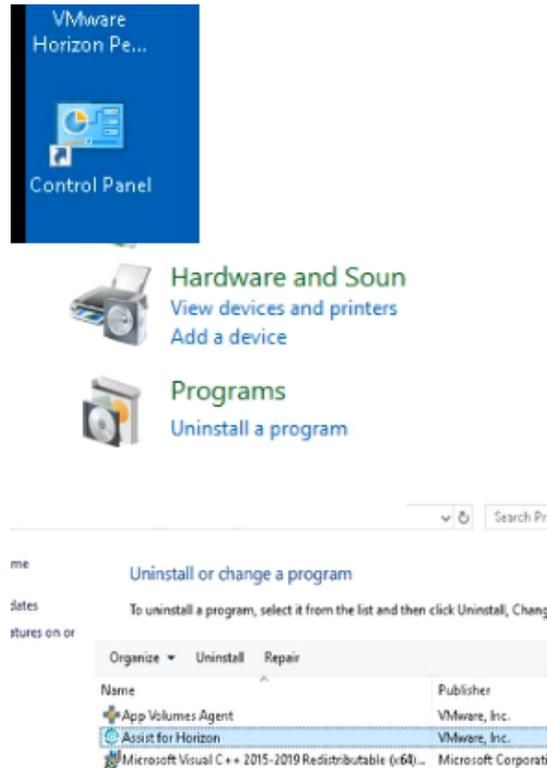
13. In the **Assist for Horizon Setup** Window

- Next to **I accept the terms in the License Agreement**
 - **Check** the tick box
- Click **Install**
- In the **User Account Control**
 - Select **Yes**



14. In the **Assist for Horizon Setup** window

- Click "**Finish**"

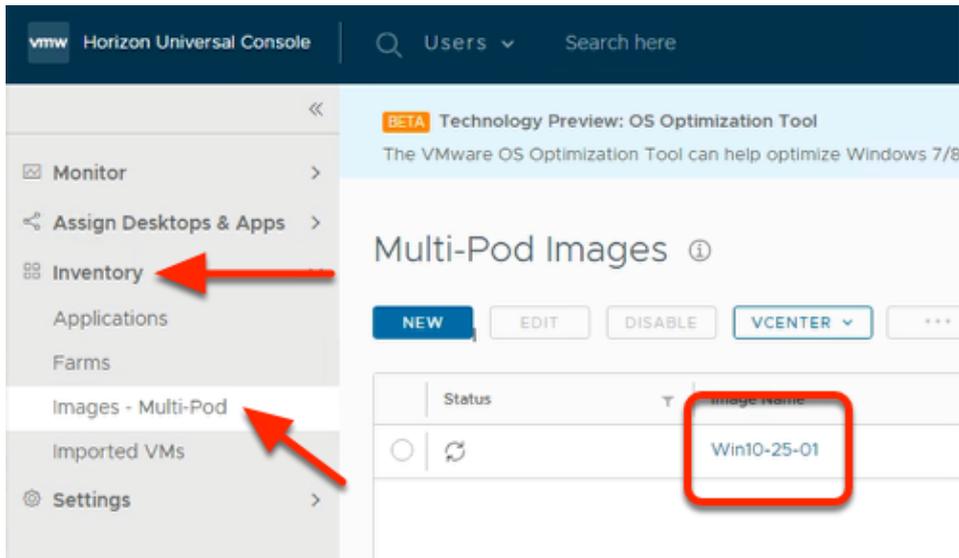


15. On the **mgmt-XXXXXXXX-W10Master01A** Desktop

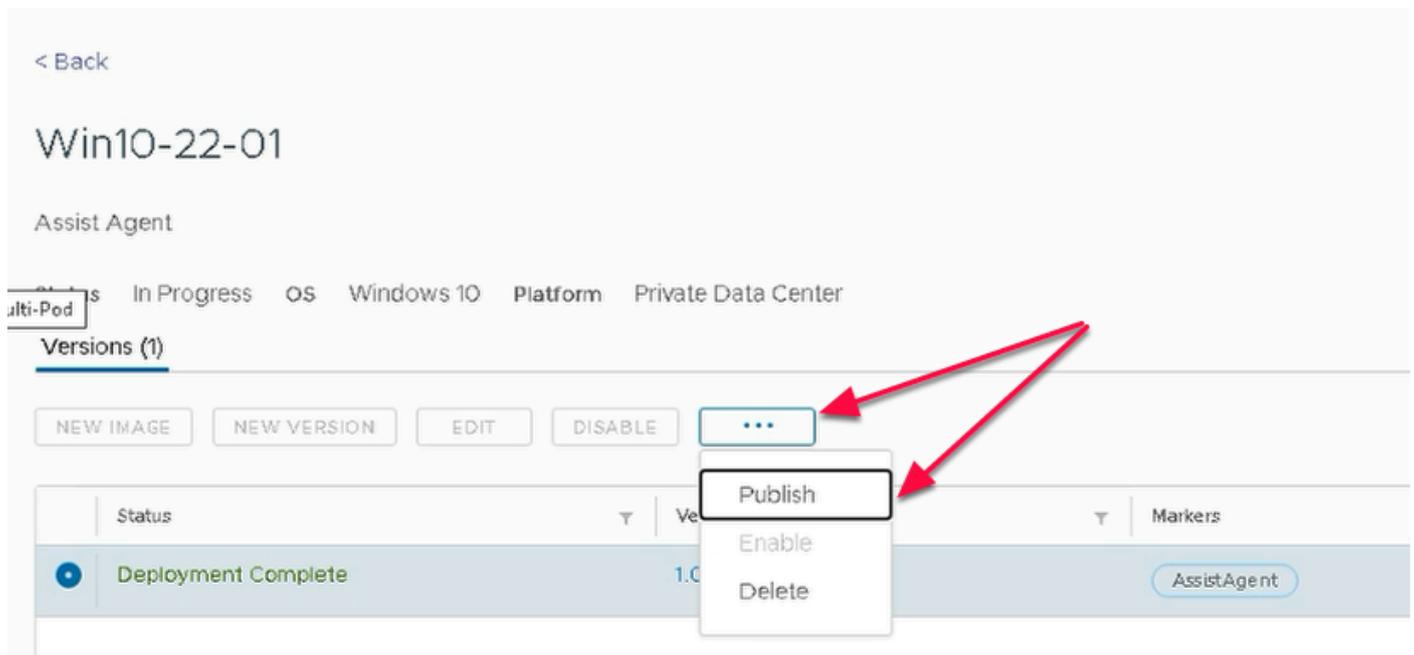
- Verify **Assist for Horizon** is installed
 - Launch the **Control Panel** shortcut
 - Under **Programs**
 - select **Uninstall a program**
 - Look for **Assist for Horizon**
- **Close** all windows on the Desktop

i Section 2 Publishing the template

Section 2 Publishing the template



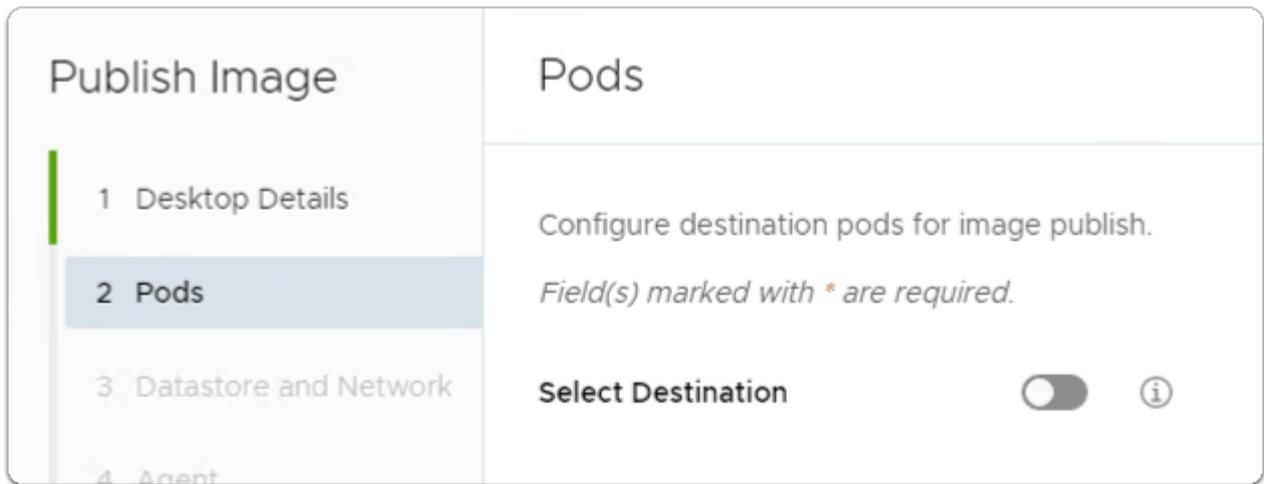
1. In the **Horizon Universal Console**
 - Navigate to **Inventory > Images - Multi-Pod**
 - Click on **Win10-XX-01** Image Name
 - Where **XX** is your **POD ID**



2. Under **Win10-XX-01** Window
 - Where **XX** is a **POD ID**
 - Next to **Deployment Complete**
 - select the **radio button**
 - Click on the three **Dots (...)** on the menu bar
 - Select **Publish**

The screenshot shows the 'Publish Image' window with the 'Desktop Details' section selected in the left-hand navigation pane. The main content area is titled 'Desktop Details' and contains the following text: 'Provide desktop details for the image.' and 'Field(s) marked with * are required.' Below this, there are two configuration options: 'Clone Type *' with radio buttons for 'Full Clone' and 'Instant Clone' (selected), and 'Image Type *' with radio buttons for 'VDI' (selected), 'Session Desktop', and an empty radio button. At the bottom of the window, there are two buttons: 'CANCEL' and 'NEXT'.

3. In the **Publish Image** Window
 1. **Desktop Details** section
 - Configure the following:-
 - next to:
 - **Clone Type: Instant Clone**
 - **Image Type: VDI** (default)
 - In the bottom right corner
 - Select **NEXT**



4. In the **Publish Image** window
 2. **Pods** section
 - Next to **Select Destination**
 - Note the default is the **Toggle is disabled**
 - keep the default
 - Select **NEXT**

- i Enabling this toggle allows us to be specific regarding which POD or PODS we replicate to
 - Keeping the Toggle disabled will replicate to all PODS
 - In our scenario, we need to replicate to all PODS

All fields are required.

v HZN26Bangalore 1

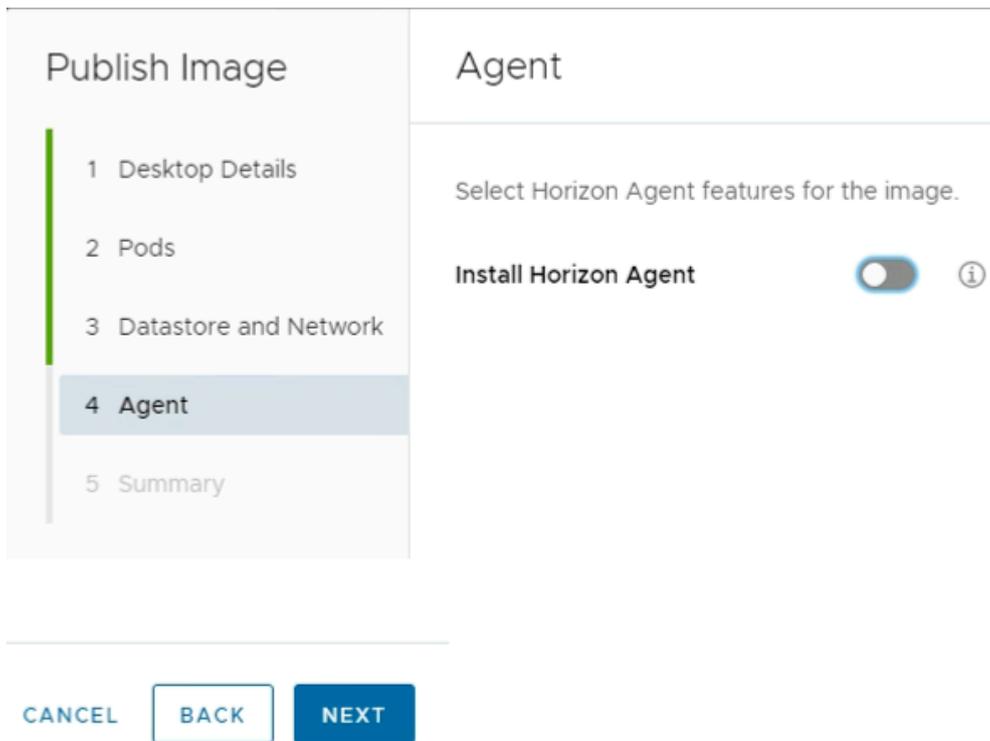
vCenter	Cluster	Resource Pool	Datastore	Network
vcenter26-01...	Bangalore ▾	Bangalore ▾	CorpLun01a ▾	CorpInternal01 ▾

v HZN26Seattle 1

vCenter	Cluster	Resource Pool	Datastore	Network
vcenter26-02...	Seattle ▾	Seattle ▾	CorpLun-02a ▾	CorpInternal02 ▾

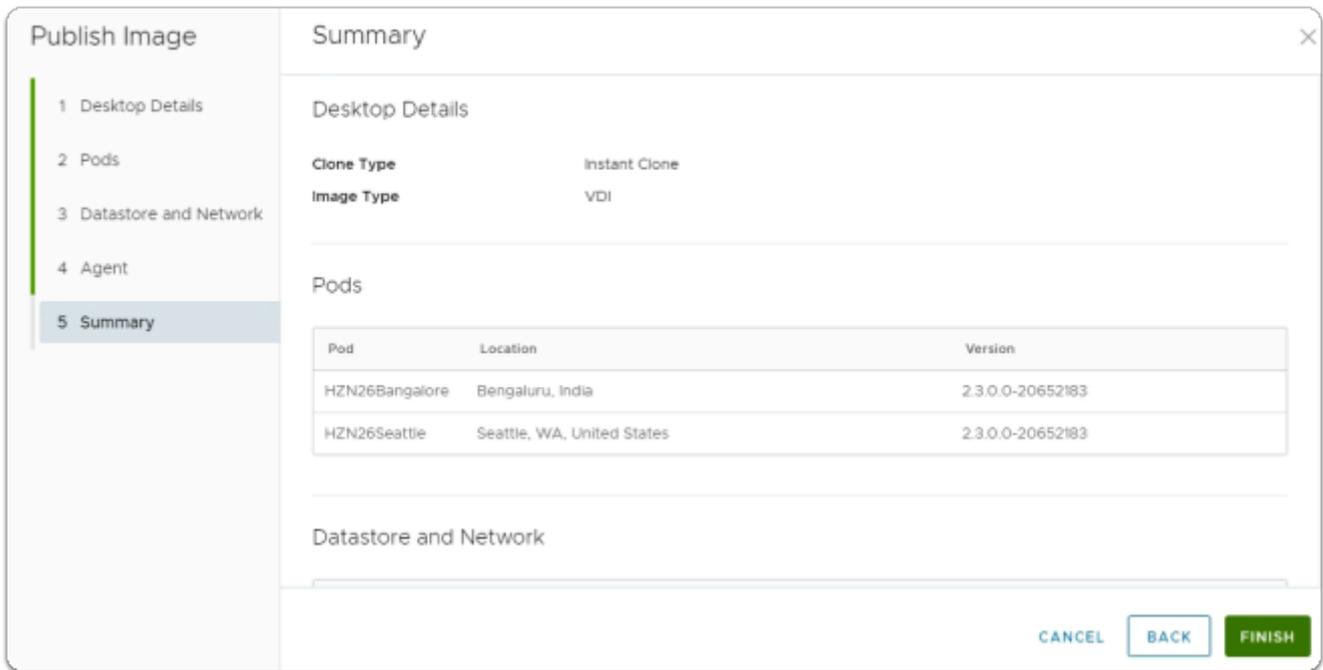
BACK
NEXT

5. In the **Publish Image** window
 3. **Datastore and Network** section
 - Enable all the required fields
 - In the **HZNxxBangalore** area
 - Under the following
 - **Cluster** , select **Bangalore**
 - **Resource Pool**, select **Bangalore**
 - **Datastore** , select **CorpLun01a**
 - **Network**, select **CorpInternal01**
 - In the **HZNxxSeattle** area
 - Under the following
 - **Cluster** , select **Seattle**
 - **Resource Pool**, select **Seattle**
 - **Datastore** , select **CorpLun-02a**
 - **Network**, select **CorpInternal02**
 - In the bottom right corner
 - Select **NEXT**

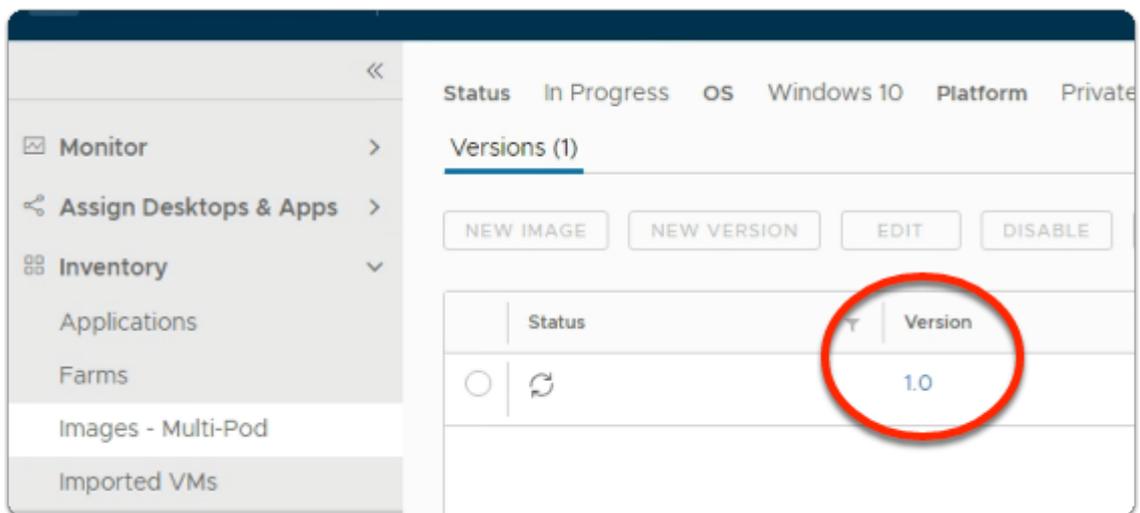


6. In the **Publish Image** window
 4. **Agent** section
 - Next to Install Horizon Agent
 - Turn the **Toggle Off**
 - In the bottom right corner
 - Select **NEXT**

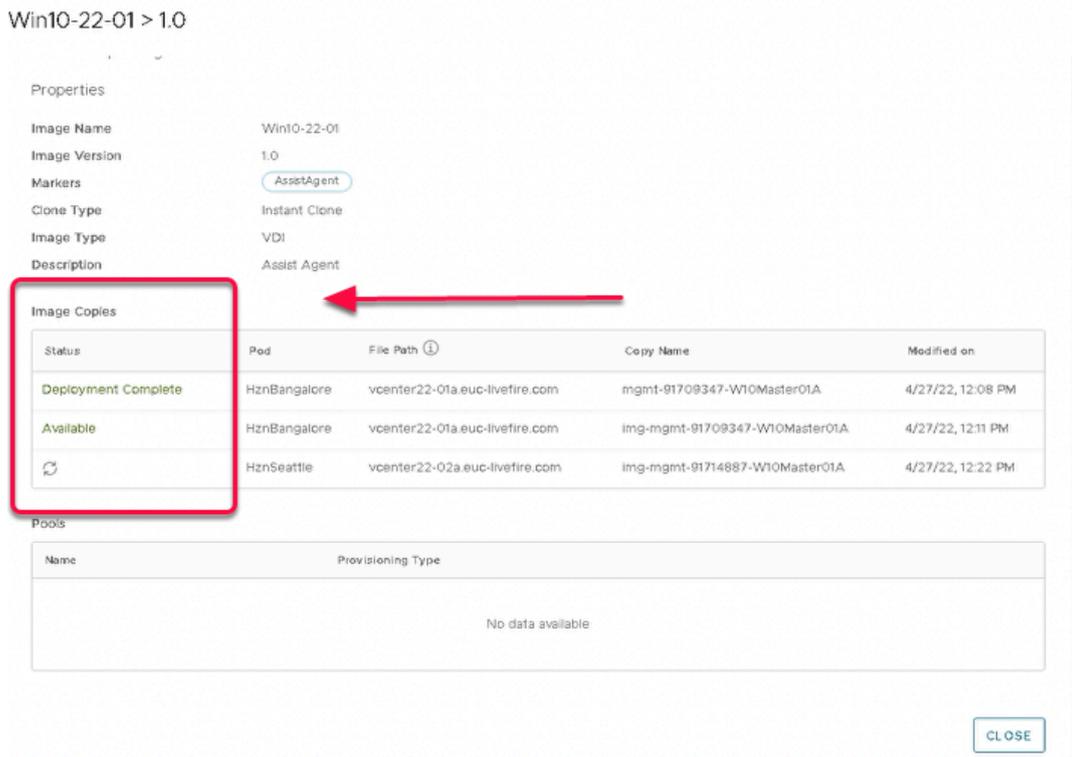
 In the Master image, we cloned, the Horizon Agent has already been installed



7. In the **Publish Image** window
 5. **Summary** section
 - In the bottom right corner
 - Select **FINISH**

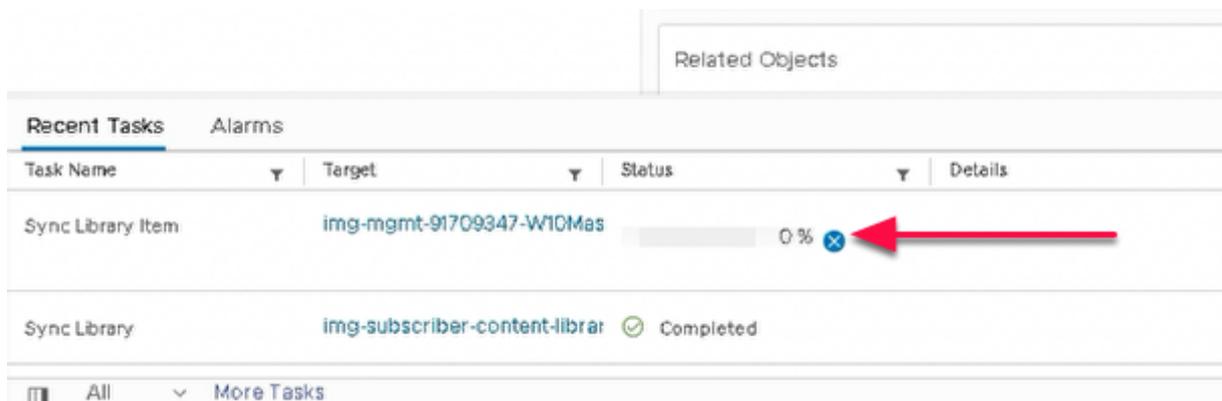


8. In the **Images - Multi-Pod** area
 - Under **Version**
 - select **1.0**



- In the **Win10-XX-01 > 1.0** window
 - Under **Image Copies**
 - Notice the **Status**
 - Wait until the status shows **Available** to both the PODs
 - It takes around **15 minutes**
 - Click on **CLOSE** to close the version window

💡 The only way to refresh this window is to close and re - open



- On your ControlCenter server
 - Login to the **vSphere Client** on both **Site 1** and **Site 2**
 - Monitor the clone operation in the recent task



Note. On Site 2 the Sync Library item will sit at 0% for up to 10 minutes and then suddenly finish

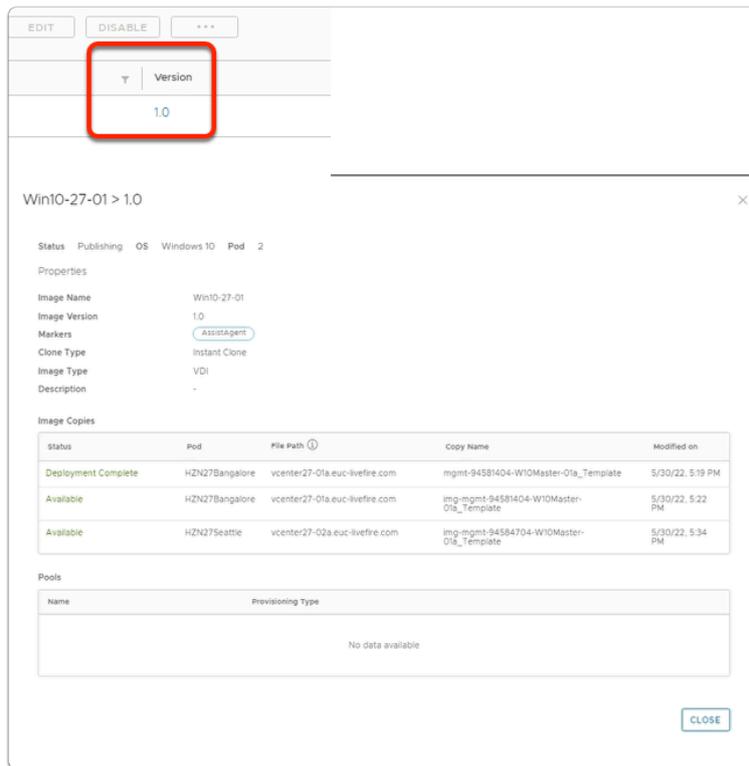
The screenshot shows the Horizon Universal Console interface. On the left, there is a navigation menu with 'Inventory' expanded, showing 'Applications', 'Farms', 'Images - Multi-Pod', and 'Imported VMs'. The 'Settings' option is also visible. The main content area displays the details for 'Win10-22-01', including 'Assist Agent', 'Status: In Progress', 'OS: Windows 10', and 'Platform: Private Data Center'. Below this, there is a 'Versions (1)' section with buttons for 'NEW IMAGE', 'NEW VERSION', 'EDIT', 'DISABLE', and '***'. A table below the buttons shows the version details:

Status	Version	Markers
Available	1.0	AssistAgent

A red arrow points to the 'Available' status in the table.

10. In the **Horizon Universal Console**

- In **Images-Multi-Pod** area
 - Under **Win10-XX-01** window
 - Once the deployment is complete
 - Notice the Status now reads as **Available**
 - Click **CLOSE**



11. In the **Horizon Universal Console**

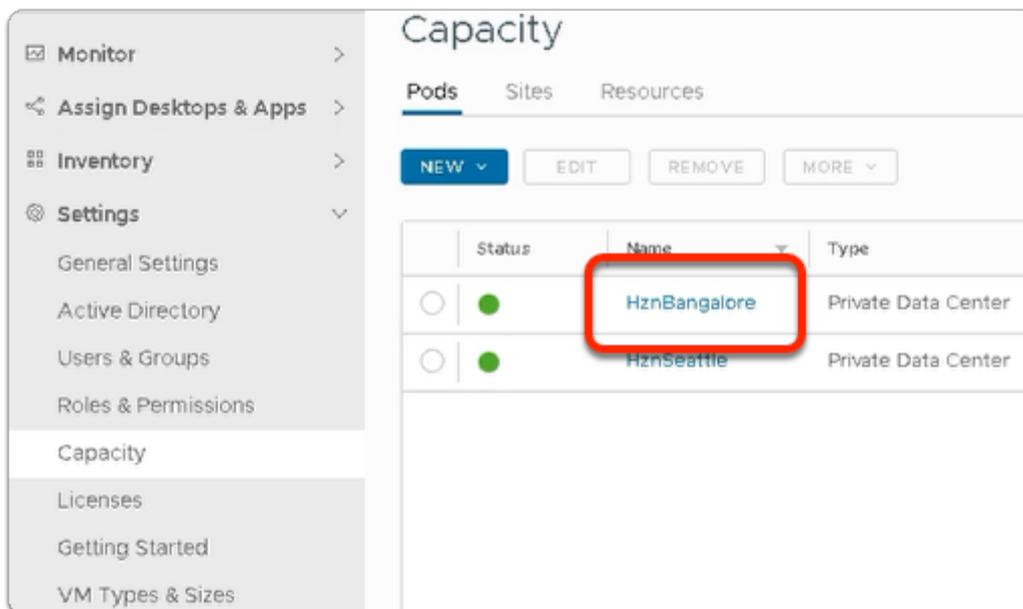
- In **Images-Multi-Pod** area
 - Under **Win10-XX-01** window
 - Where **XX** is a **POD ID**
 - **Click** on the Version **1.0** hyperlink
 - In the **Win10-XX-01 > 1.0** window
 - Under Status, notice the following:-
 - Reads : **Deployment Complete** in **HZNBangalore**
 - Reads: **Available** in **HZNBangalore**
 - Reads: **Available** in **HZNSeattle**

! Do not start with Part 4 until Part 3 is complete

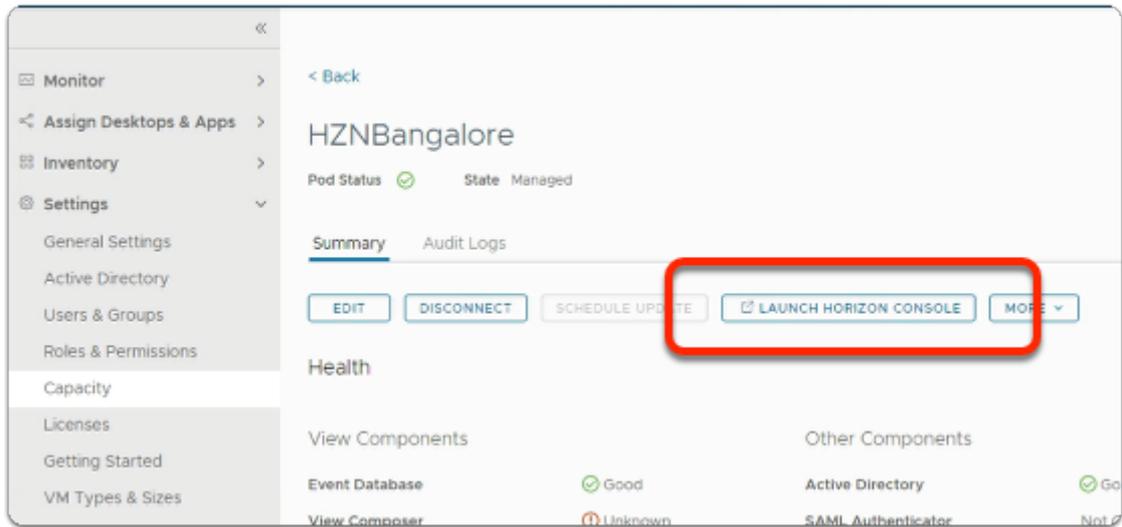
Part 4 Creating Pools using Image Management

Section 1: Configuring a Desktop Pool for Site 1 to use Published Image

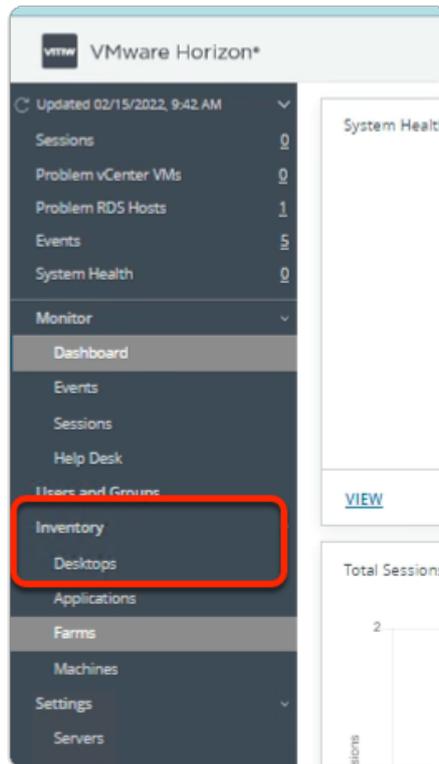
- i** We will configuring a Desktop Pool for Site 1 in this Section. Look out for a Cloud Managed and Image Catalog check box that you will enable for this Pool to be managed by Horizon Cloud Services



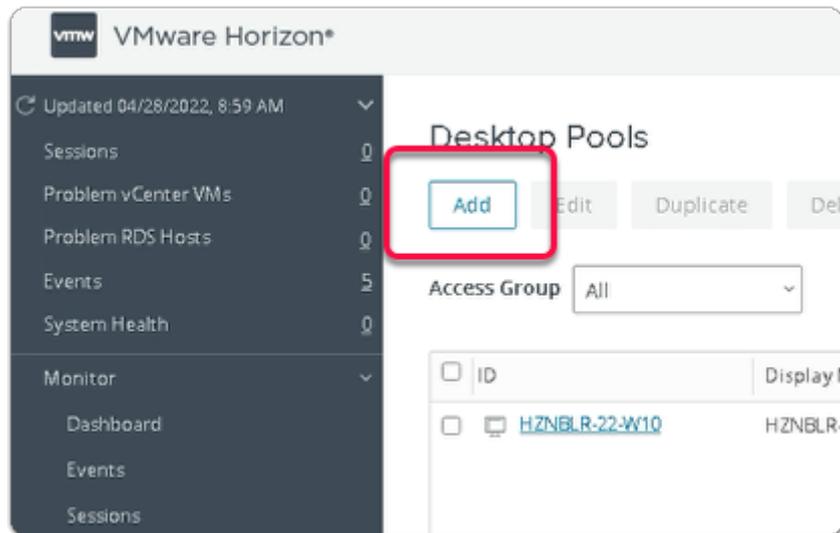
1. On your **Horizon Universal Console**
 - Expand **Settings**
 - Select **Capacity**
 - Double click the **HZNBangalore** link



2. In the **HZNBangalore** window
 - Select **LAUNCH HORIZON CONSOLE**

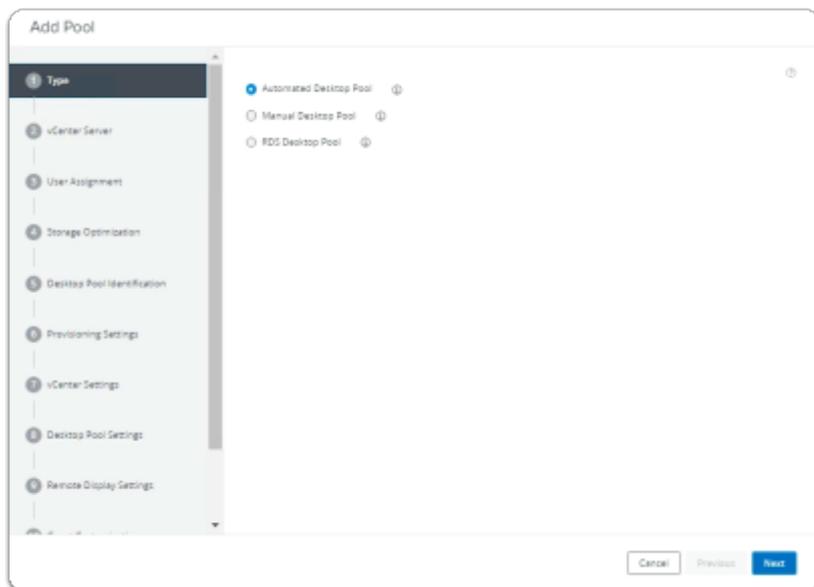


3. In the **VMware Horizon admin** console
 - Under **Inventory**
 - Select **Desktops**



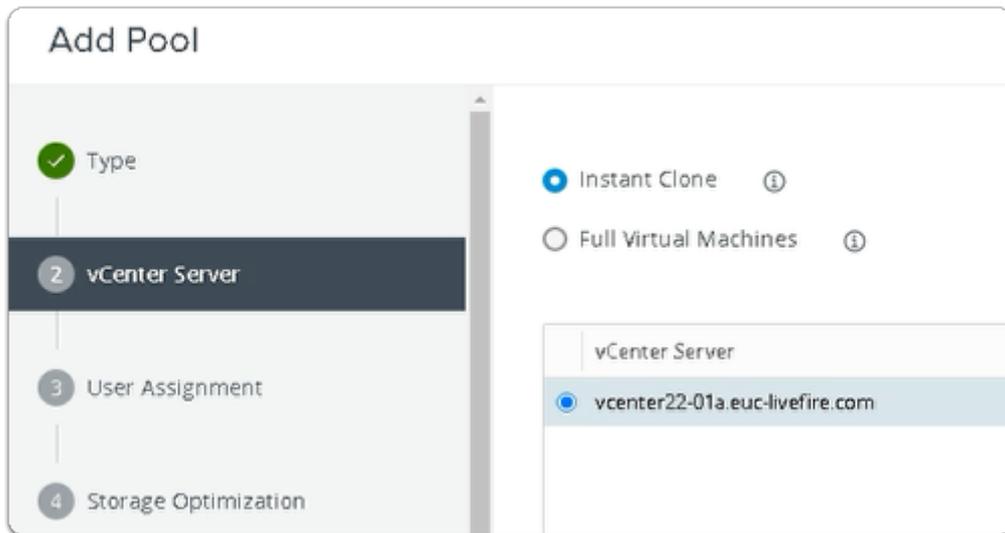
4. In the VMware Horizon admin console

- Under **Desktop Pools**
- Select **Add**



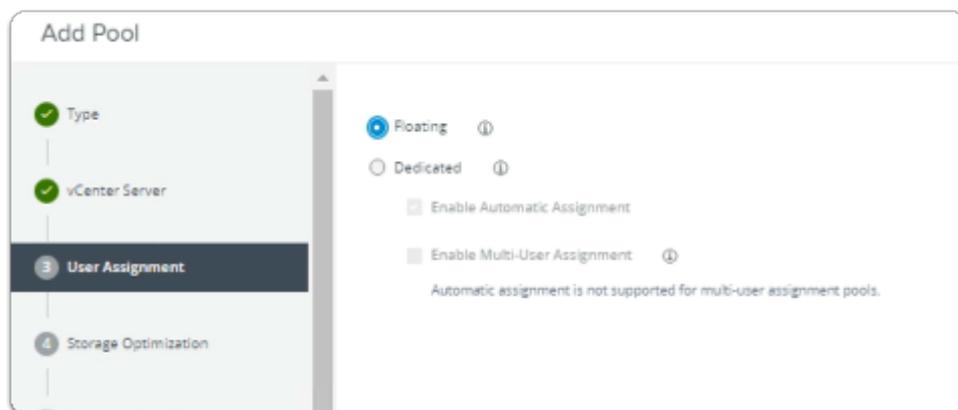
5. In the **Add Pool** wizard

- Next to:-
- 1. **Type**
- Select **Next**



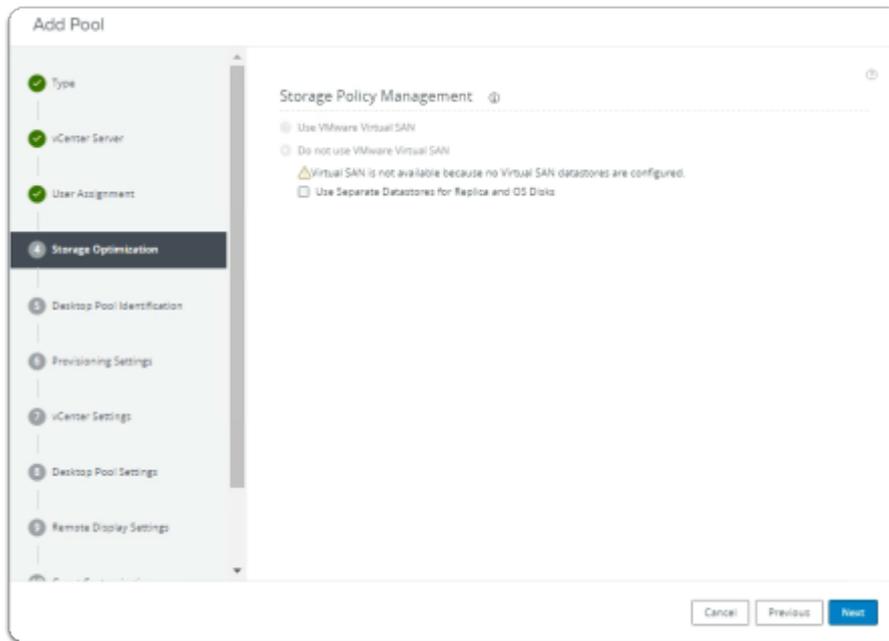
6. In the **Add Pool** wizard

- Next to:-
 2. **vCenter Server**
 - **Accept the Defaults**
 - Select **Next**



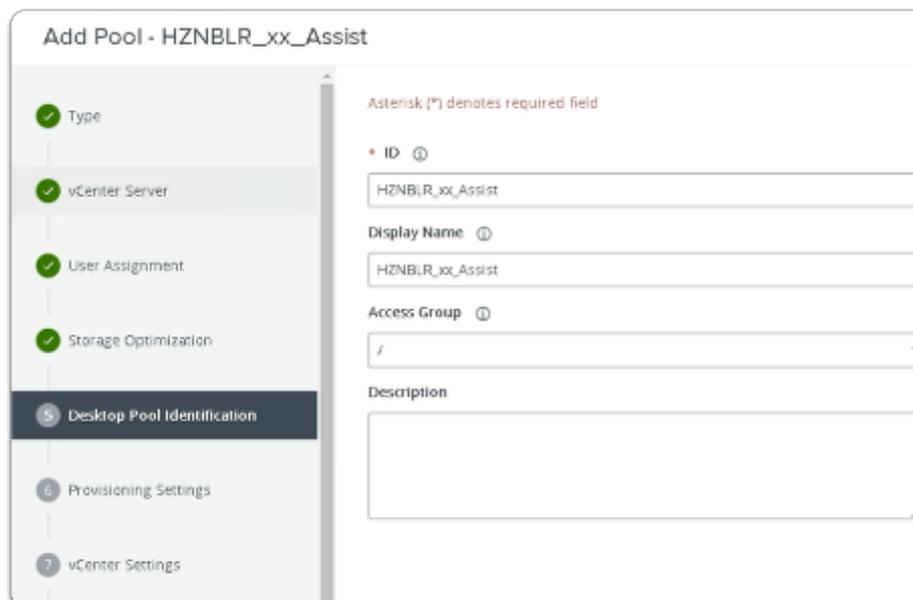
7. In the **Add Pool** wizard

- Next to:-
 3. **User Assignment**
 - Select the **radio button** next to **Floating**
 - Select **Next**



8. In the **Add Pool** wizard

- Next to:-
- 4. **Storage Optimization**
- Select **Next**



9. In the **Add Pool** wizard

- Next to:-
- 5. **Desktop Pool Identification**
- Enter the following under:-
 - **ID** type **HZNBLR_xx_Assist**
 - **Where xx is your assigned POD number**
 - **Display Name**, type **HZNBLR_xx_Assist**

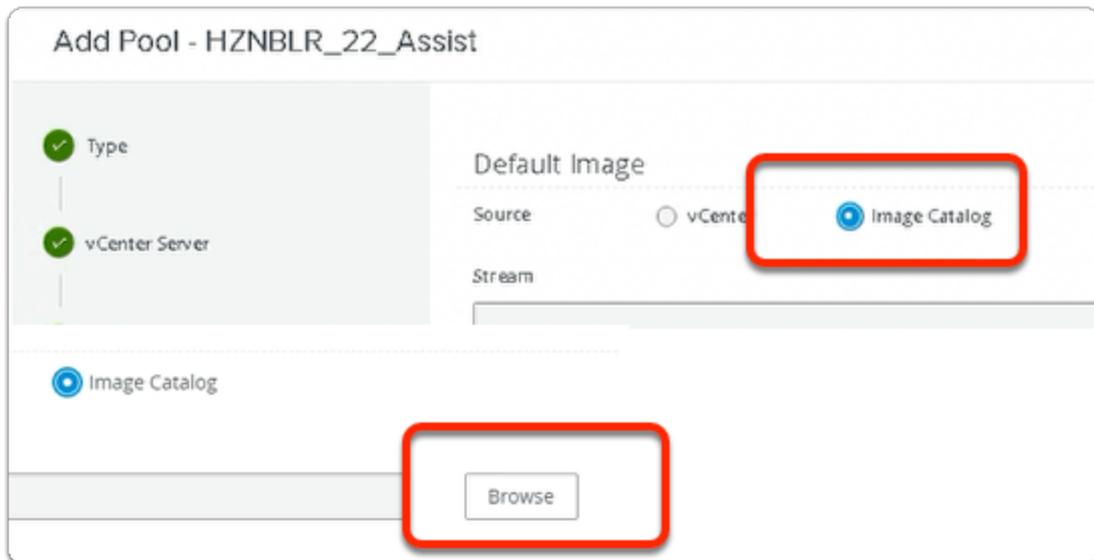
- Where **xx** is your assigned POD number
- Select **Next**

The screenshot shows the 'Add Pool - HZNBLR_xx_Assist' wizard. The left sidebar indicates the current step is 6, 'Provisioning Settings'. The main configuration area includes:

- Basic:**
 - Enable Provisioning
 - Stop Provisioning on Error
- Virtual Machine Naming:**
 - Specify Names Manually
 - Use a Naming Pattern
 - Naming Pattern: BLRXX-Asst-
- Provision Machines:**
 - Machines on Demand
 - All Machines Up-Front
 - Min Number of Machines: 1

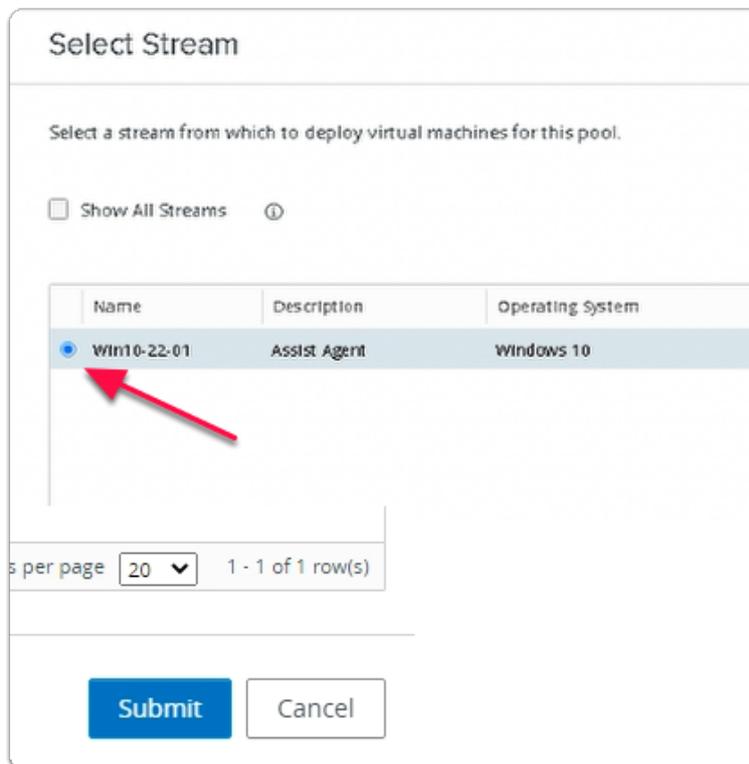
10. In the **Add Pool** wizard

- Next to:-
 - 6. **Provisioning Settings**
 - Enter the following under:-
 - **Use a Naming Pattern** type **BLRXX-Asst-**
 - Where **XX** is your assigned POD ID
 - **Desktop Pool Sizing**
 - **Maximum Machines**, type **3**
- Select **Next**



11. In the **Add Pool** wizard

- Next to **Source**:-
 7. **Select Image Catalog Radio Button**
 - To the right of **Stream**
 - Select **Browse**



12. In the **Select Stream** window

- Select the **radio button**, next to **Win10-XX-01**
 - Where **XX** is the POD ID.
 - **Note: In the screenshot example, POD ID 22 is used.**

- Select **Submit**

Default Image

Source vCenter Image Catalog

Stream
Win10-22-01

Marker
AssistAgent

Asterisk (*) denotes required field

13. In the **Add Pool** wizard

- Under vCenter Settings
 - In the **Marker** Dropdown
 - Note the **AssistAgent** option

Virtual Machine Location

• VM Folder Location

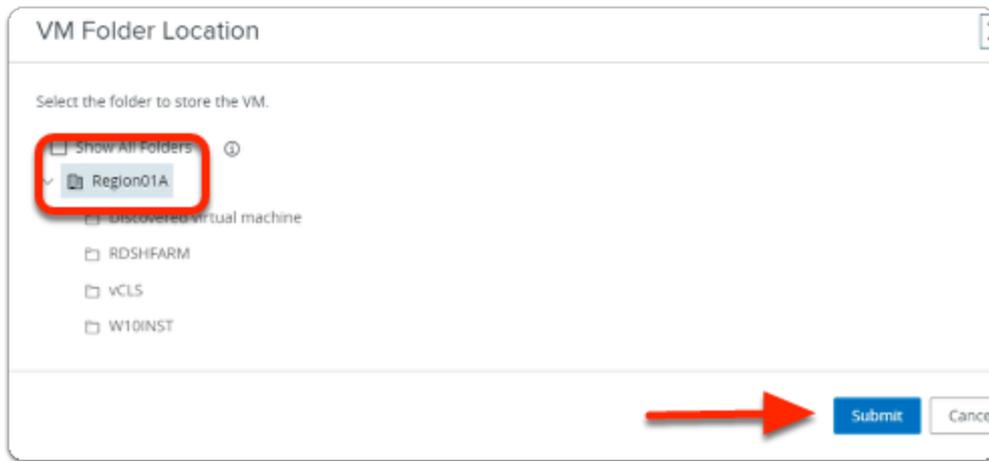
Resource Settings

• Cluster

• Resource Pool

14. In the **Add Pool** wizard

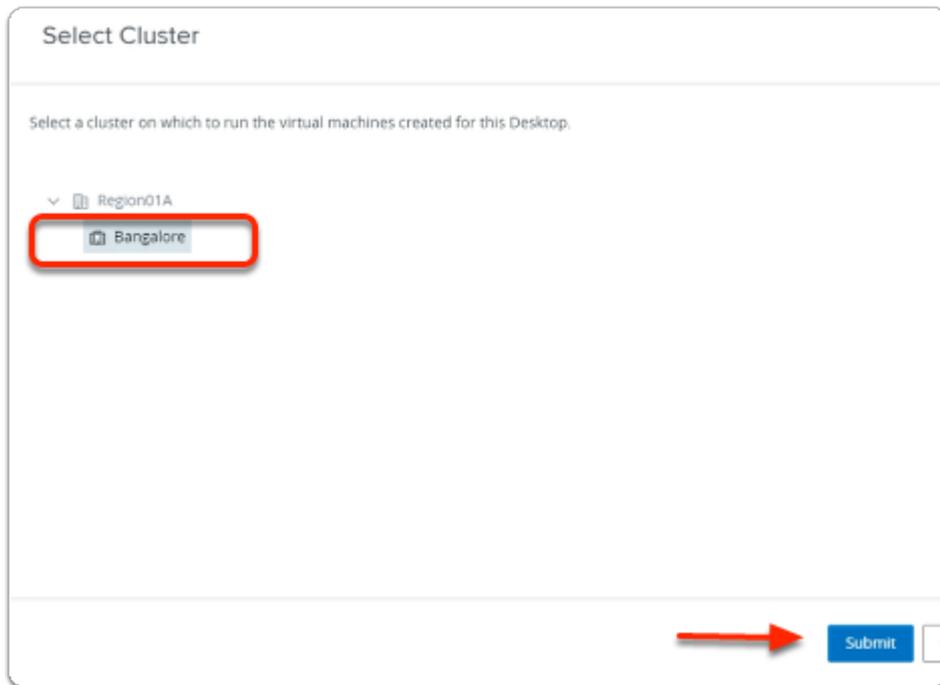
- Next to:-
 7. **vCenter Settings**
 - To the right of ***VM Folder Location**
 - Select **Browse**



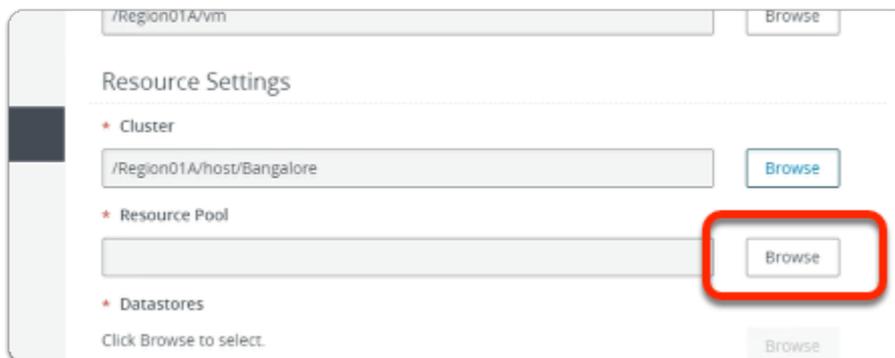
15. In the **VM Folder Location** window
- Select the **Region01A** cluster icon
 - Select **Submit**



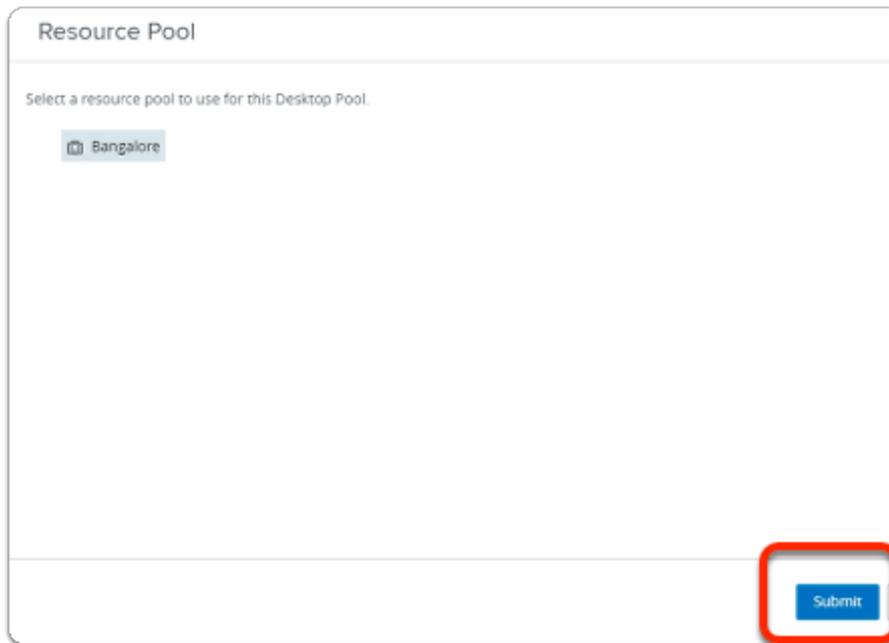
16. In the **Add Pool** wizard
- Next to:-
 7. **vCenter Settings**
 - In the **Resource Settings** area
 - To the right of ***Cluster**
 - Select **Browse**



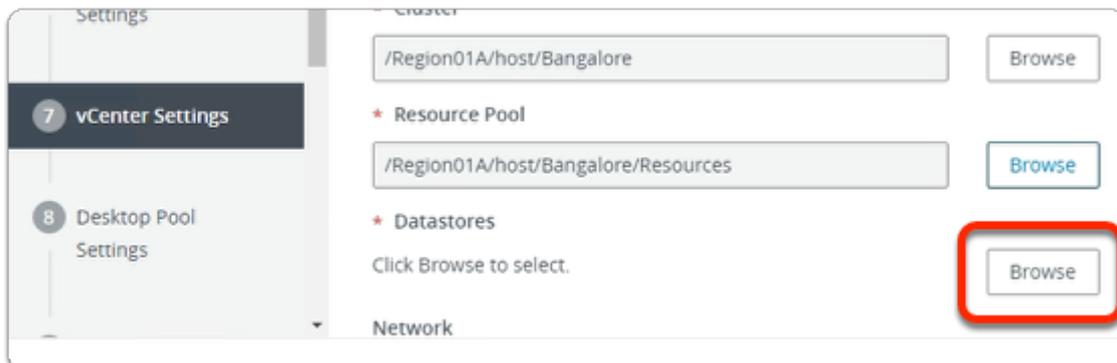
17. In the **Select Cluster** window
- Select the **Bangalore** cluster icon
 - Select **Submit**



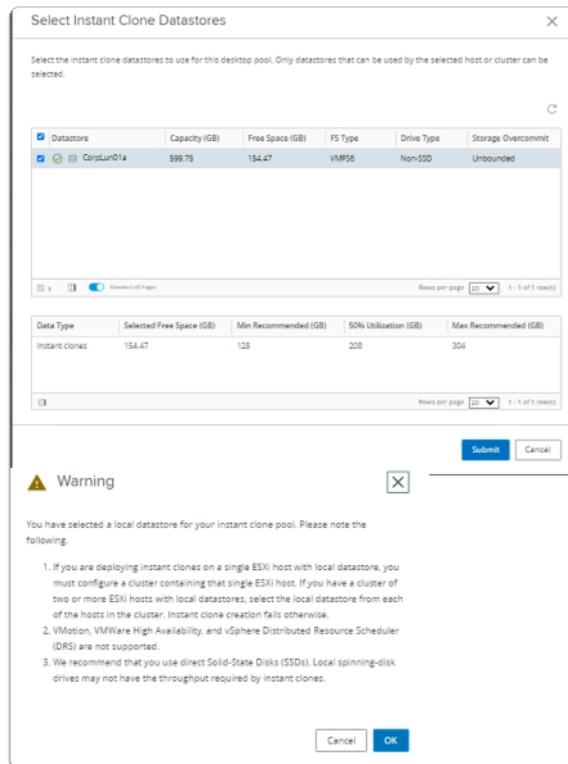
18. In the **Add Pool** wizard
- Next to:-
 7. **vCenter Settings**
 - In the **Resource Settings** area
 - To the right of ***Resource Pool**
 - Select **Browse**



19. In the **Resource Pool** window
- Select the **Bangalore** cluster icon
 - Select **Submit**

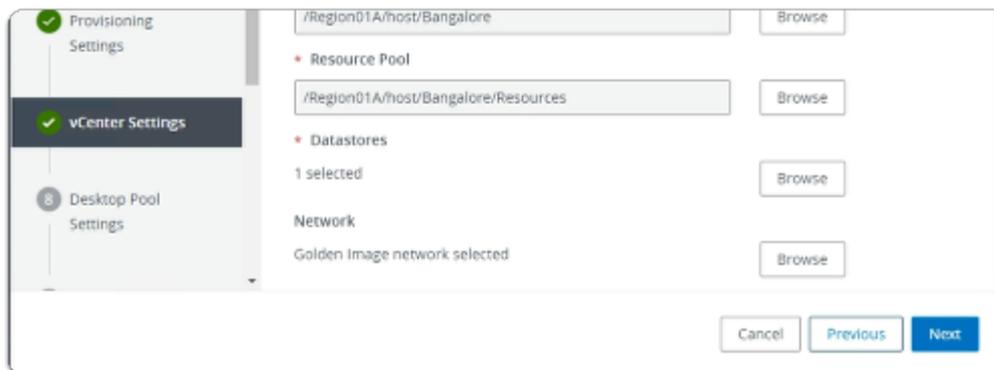


20. In the **Add Pool** wizard
- Next to:-
 7. **vCenter Settings**
 - In the **Resource Settings** area
 - To the right of ***Datastores**
 - Select **Browse**



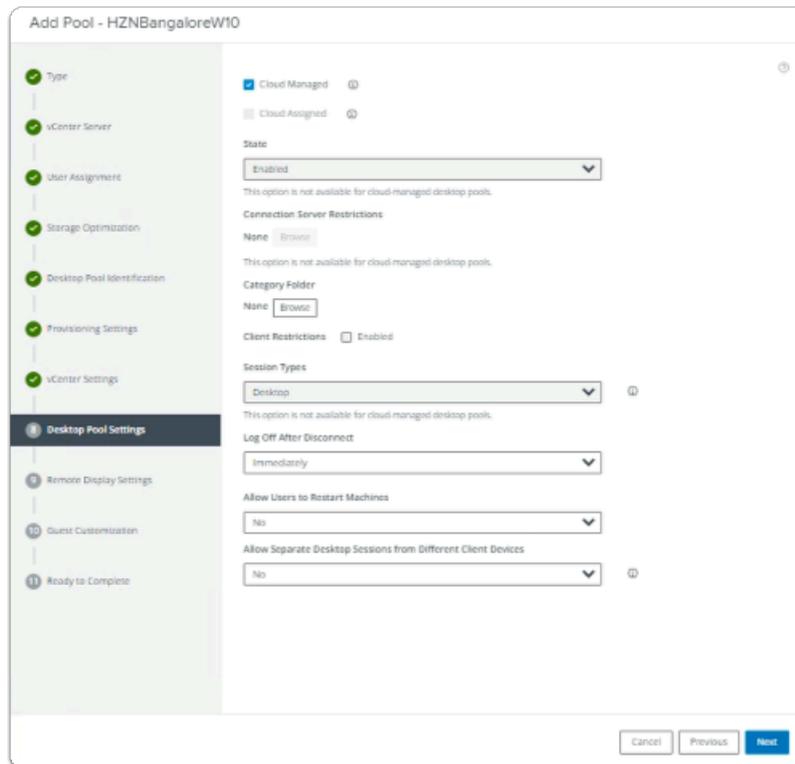
21. In the **Select Instant Clone Datastores** window

- Select the **checkbox** next to **CorpLun01a**
 - Select **Submit**
- In the **Warning** window
 - Select **OK**



22. In the **Add Pool** wizard

- Next to:-
 - 7. **vCenter Settings**
 - Select **Next**

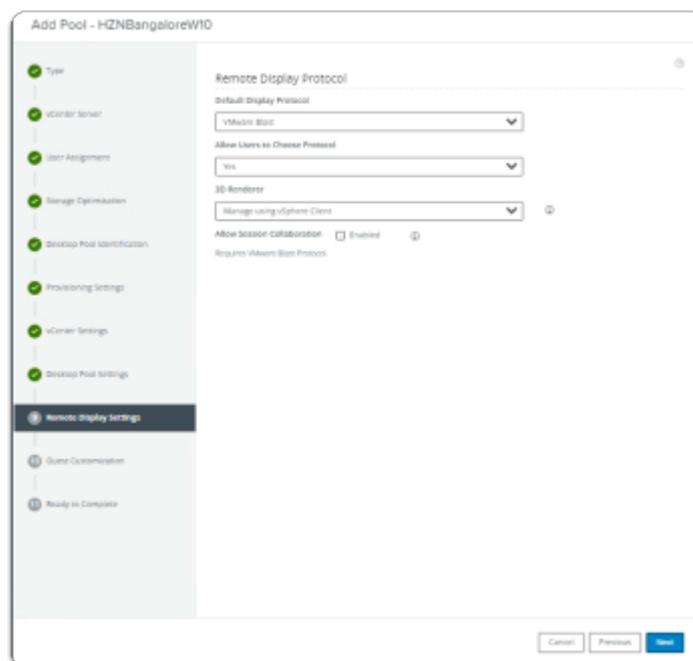


23. In the **Add Pool** wizard

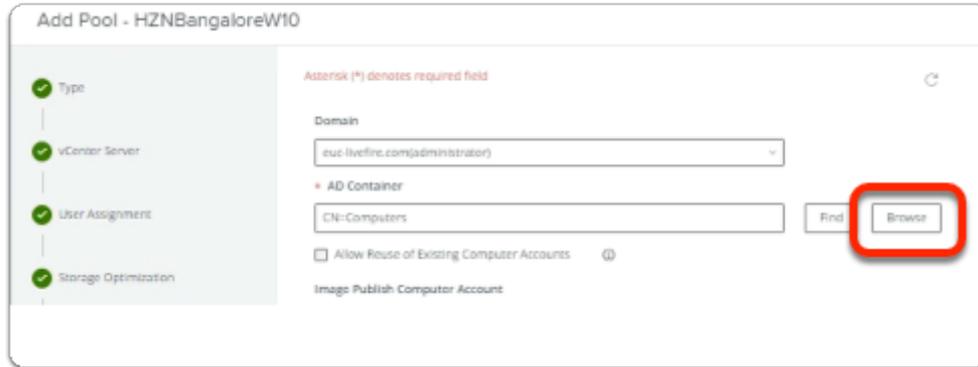
- Next to:-

8. Desktop Pool Settings

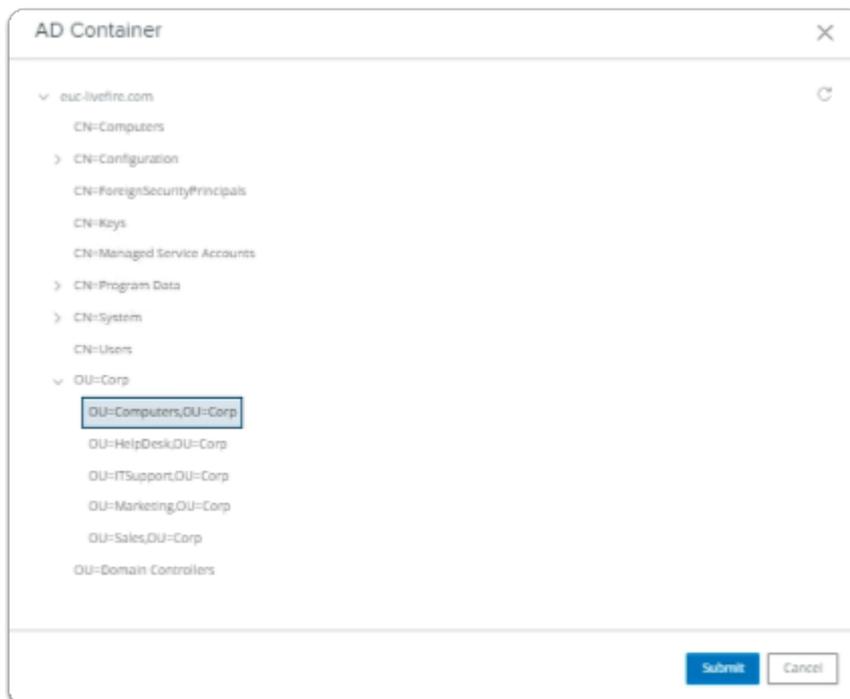
- Select the **checkbox** next to **Cloud Managed**
- Under **Log Off after Disconnect**
 - From the dropdown, select **Immediately**
 - Select **Next**



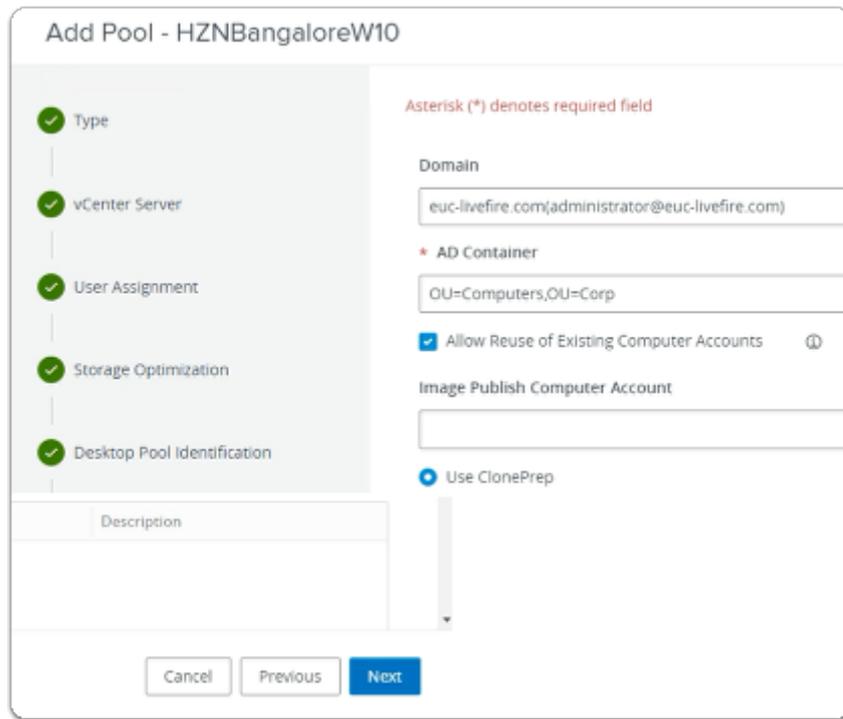
24. In the **Add Pool** wizard
9. **Remote Display Settings** area
 - Select **Next**



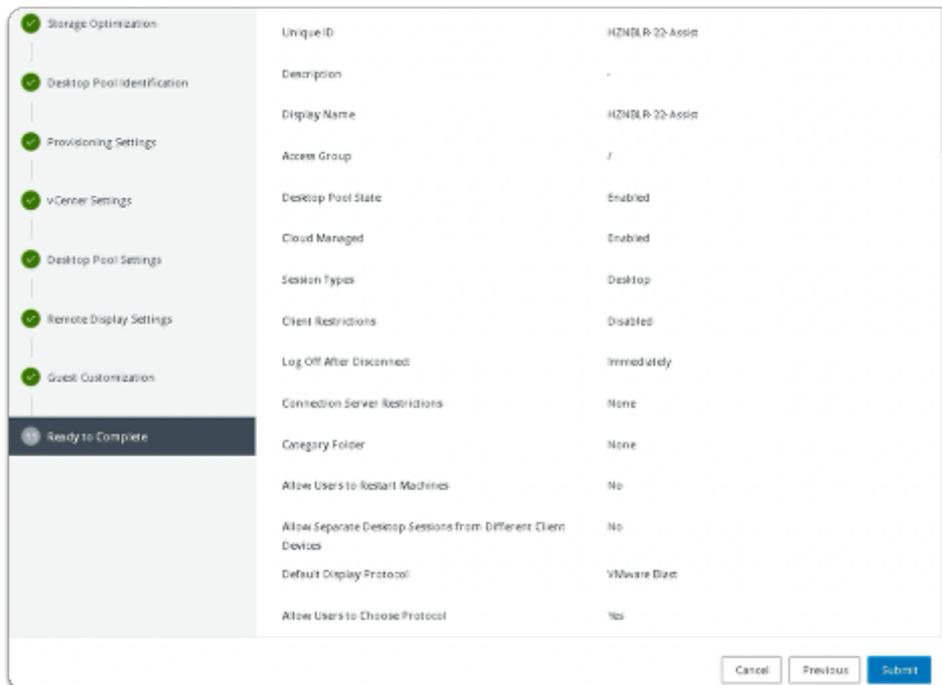
25. In the **Add Pool** wizard
- Next to:-
 10. **Guest Customization**
 - Under ***AD Container**
 - Select **Browse**



26. In the **AD Container** window
- Expand **OU=Corp**
 - Select **OU=Computers,OU=Corp**
 - Select **Submit**



27. In the **Add Pool** wizard
10. **Guest Customization** area
 - Select the **checkbox** next to
 - **Allow Reuse of Existing Computer Accounts**
 - Select **Next**



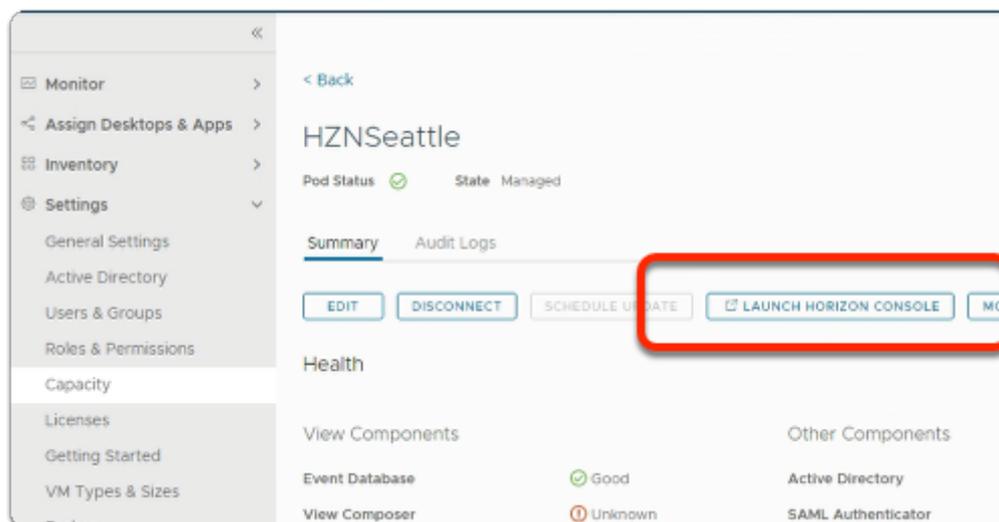
28. In the **Add Pool** wizard
11. **Ready to Complete** area

- Select **Submit**

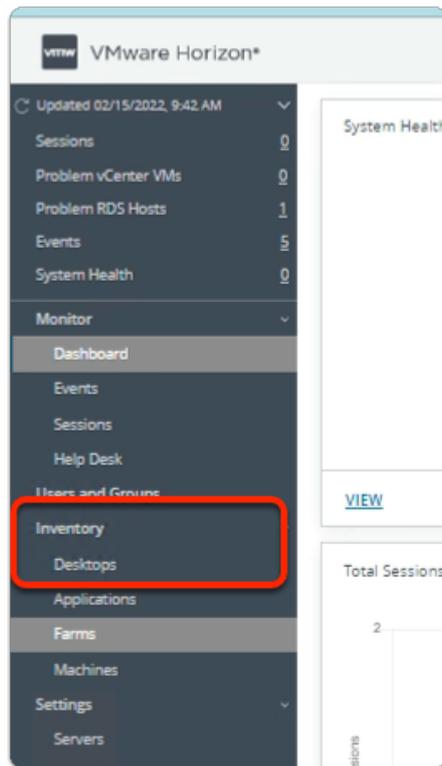
- Note: It might take around 15 mins to show all the VMs in available in the Horizon Pool
- You can move on to the next section

Section 2: Configuring a Desktop Pool for Site 2

We will configuring a Desktop Pool for Site 2 in this Section. Look out for a Cloud Managed and Image Catalog check box that you will enable for this Pool to be managed by Horizon Cloud Services

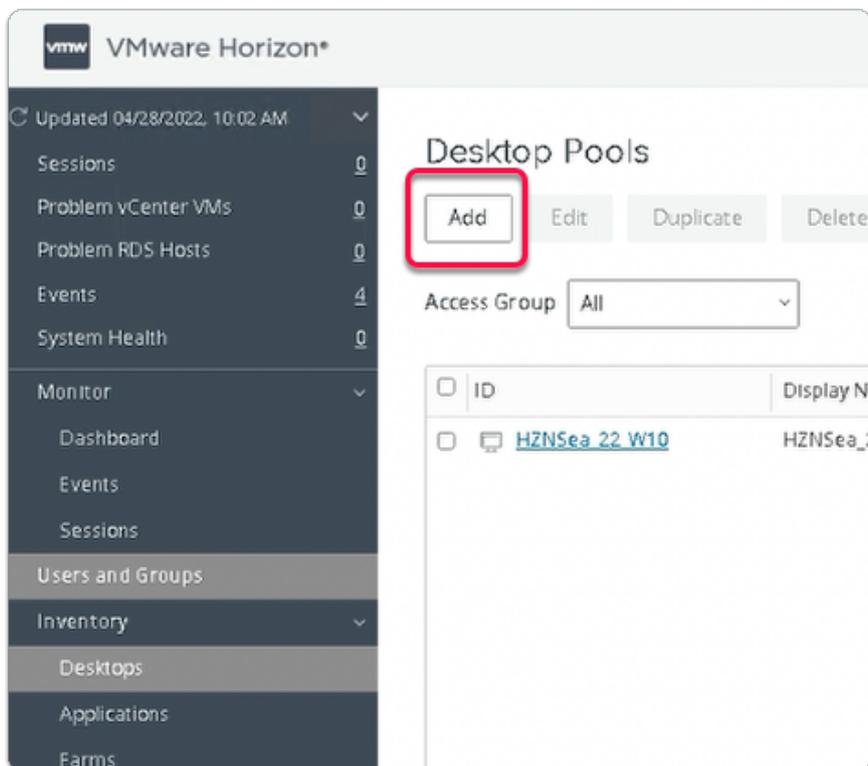


1. On your **Horizon Universal Console**
 - Navigate to **Settings > Capacity**
 - Select **HZNSeattle**
 - Select **LAUNCH HORIZON CONSOLE**



2. In the VMware Horizon admin console

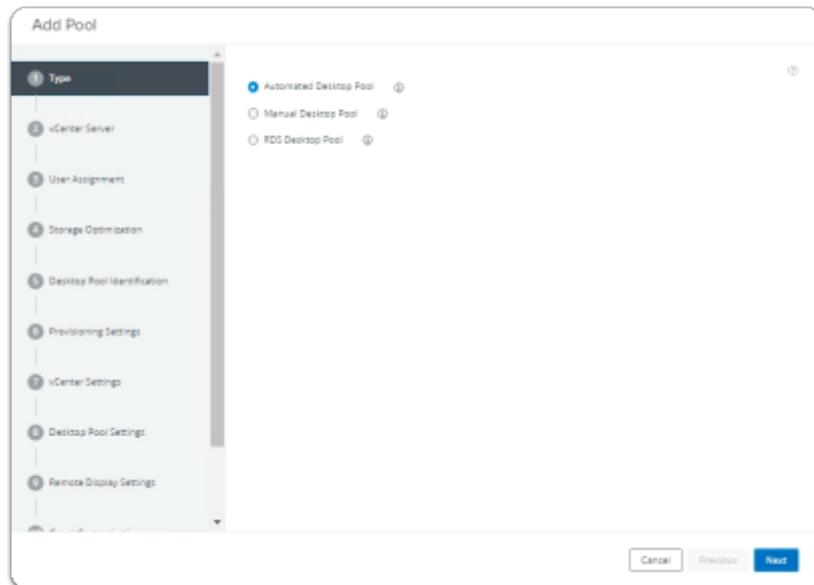
- Under **Inventory**
 - Select **Desktops**



3. In the VMware Horizon admin console

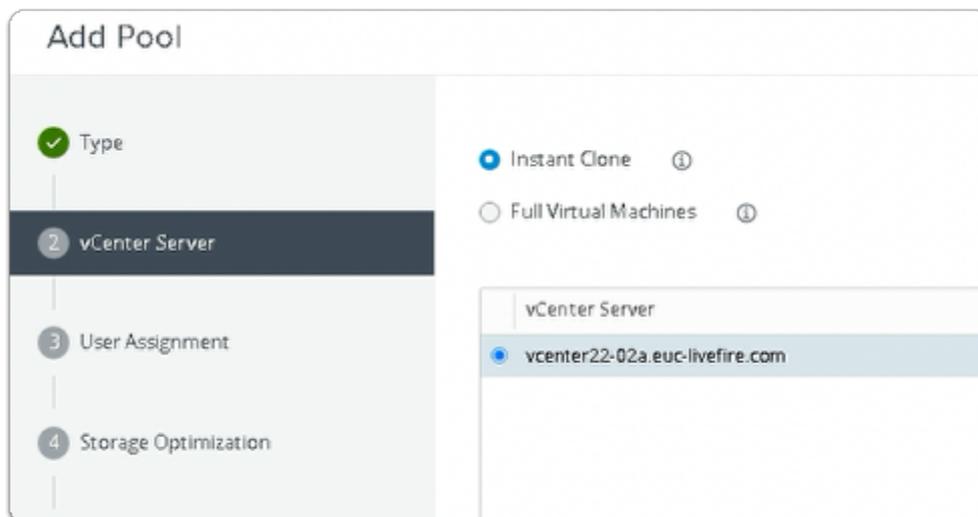
- Under **Desktop Pools**

- Select **Add**



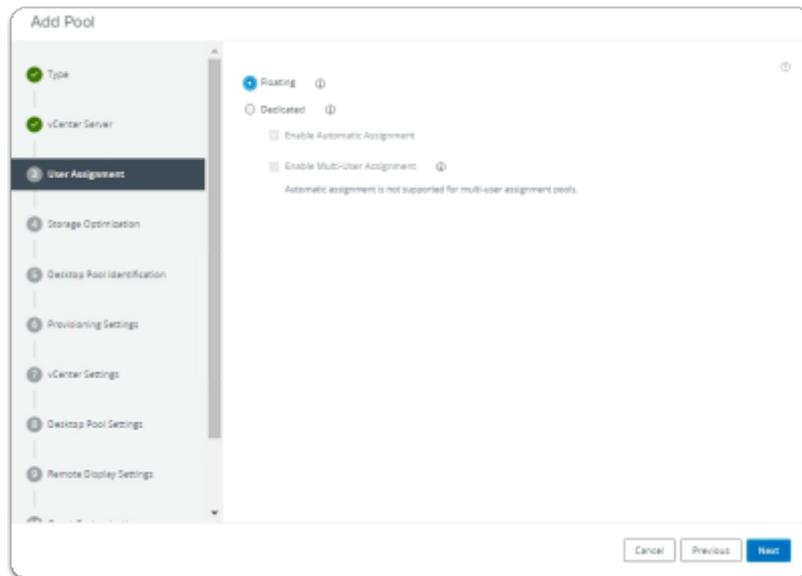
4. In the **Add Pool** wizard

- Next to:-
 1. **Type**
 - Select **Next**



5. In the **Add Pool** wizard

- Next to:-
 2. **vCenter Server**
 - **Accept the Defaults**
 - Select **Next**

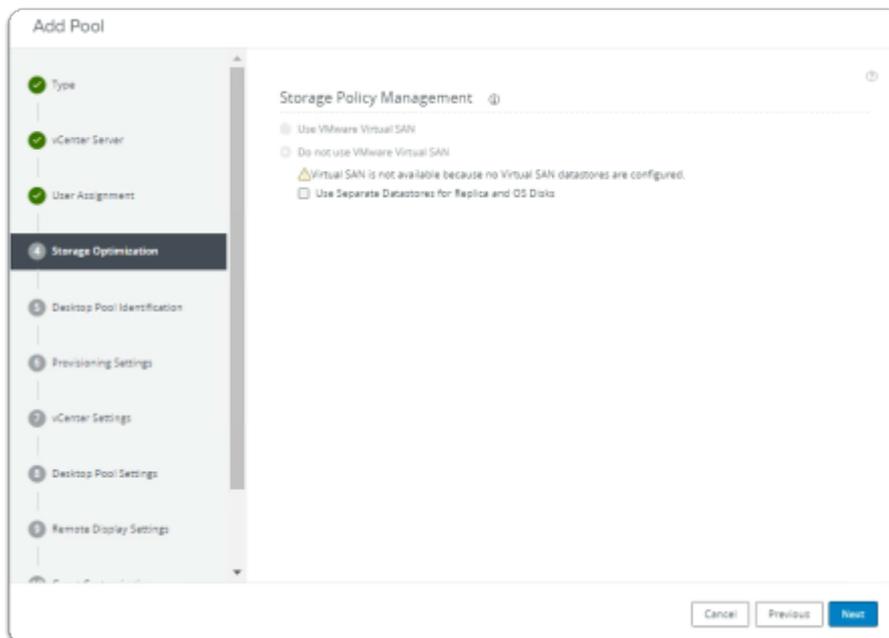


6. In the **Add Pool** wizard

- Next to:-

3. **User Assignment**

- Select the **radio button** next to **Floating**
- Select **Next**



7. In the **Add Pool** wizard

- Next to:-

4. **Storage Optimization**

- Select **Next**

The screenshot shows the 'Add Pool - HZNSea-XX-Asst' wizard. On the left, a vertical progress bar indicates the following steps are completed: Type, vCenter Server, User Assignment, and Storage Optimization. The current step, '5 Desktop Pool Identification', is highlighted in a dark blue bar. The main form area on the right contains the following fields:

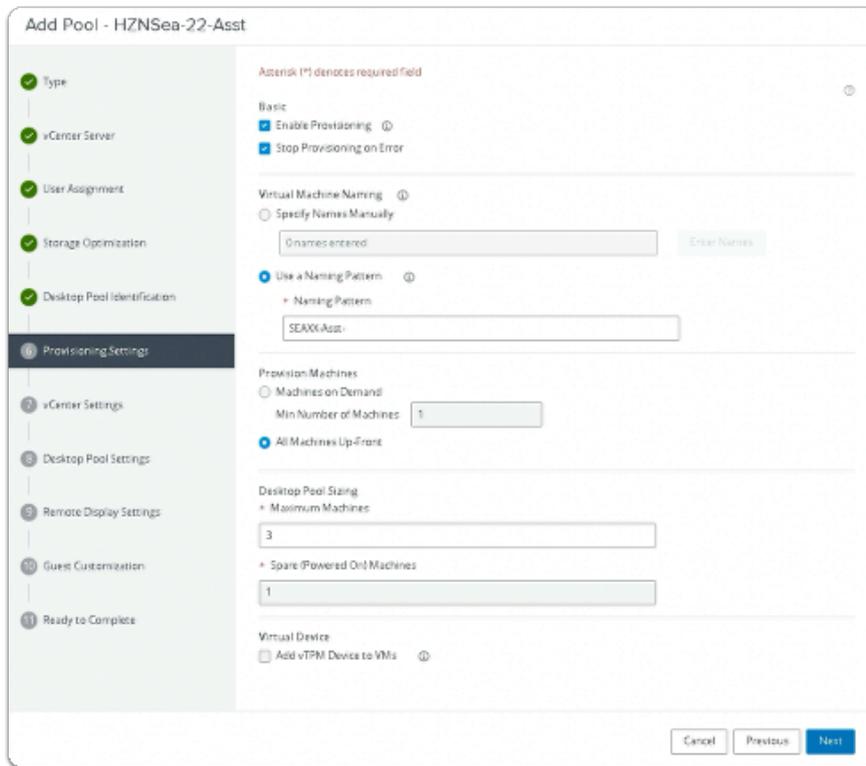
- Asterisk (*) denotes required field
- * ID ⓘ: HZNSea-XX-Asst
- Display Name ⓘ: HZNSea-XX-Asst
- Access Group ⓘ: /
- Description: (empty text area)

8. In the **Add Pool** wizard

- Next to:-

5. **Desktop Pool Identification**

- Enter the following under:-
 - **ID** type **HZNSea-xx-Asst**
 - Where **xx** is your assigned number
 - **Display Name**, type **Seattle-xx-Asst**
 - Where **xx** your assigned number
- Select **Next**

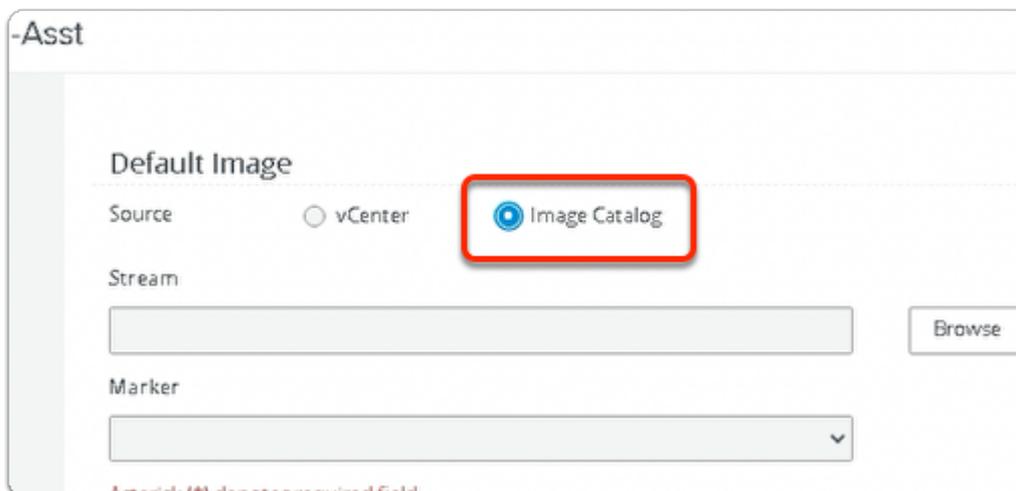


9. In the **Add Pool** wizard

- Next to:-

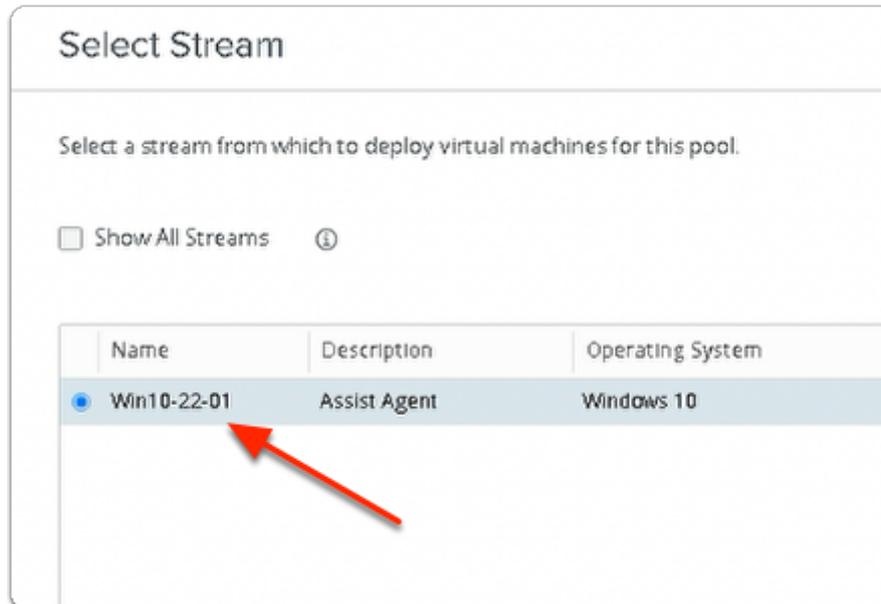
6. Provisioning Settings

- Enter the following under:-
 - **Use a Naming Pattern** type **SEXXX-Asst-**
 - Where **XX** is your assigned POD ID
 - **Desktop Pool Sizing**
 - **Maximum Machines**, type **3**
- Select **Next**



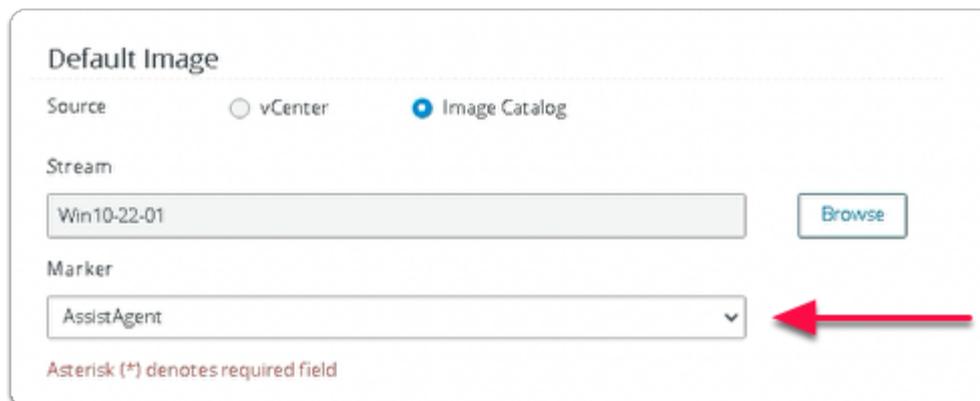
10. In the **Add Pool** wizard

- Next to **Source**:-
- **Select Image Catalog Radio Button**
 - To the right of **Stream**
 - Select **Browse**



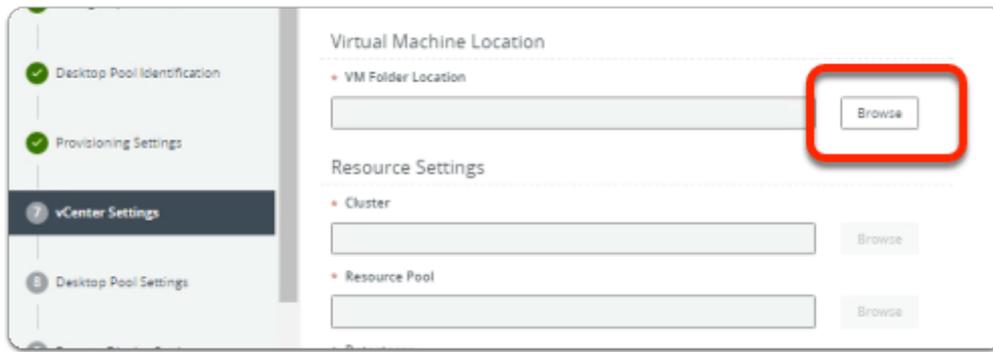
11. In the Select Stream Window

- Select the **radio button**, next to **Win10-XX-01**
 - Where **XX** is the POD ID.
 - **Note: In the screenshot example, POD ID 22 is used.**
 - Select **Submit**

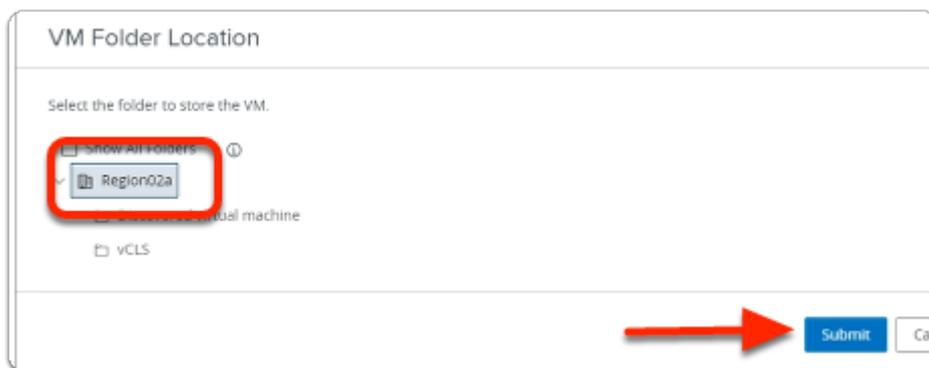


12. In the **Add Pool** wizard

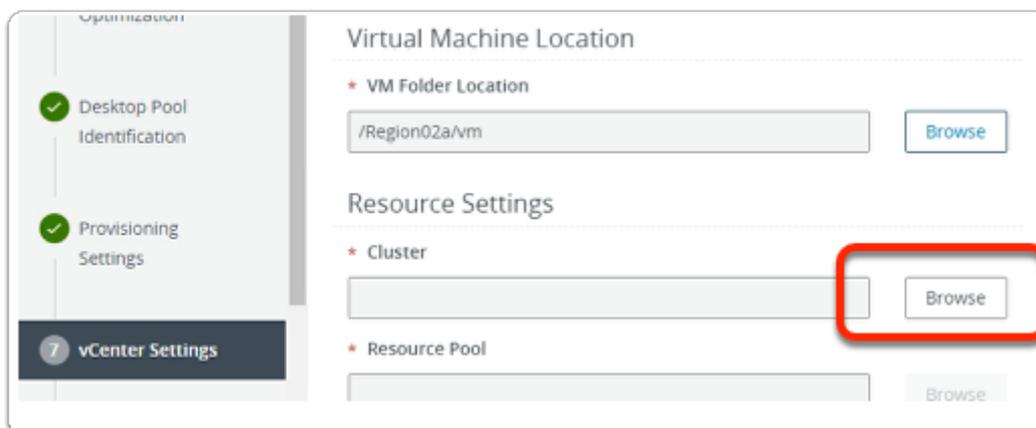
- In the **Marker Dropdown**
 - Select **AssistAgent**



13. In the **Add Pool** wizard
 - Next to:-
 7. **vCenter Settings**
 - To the right of ***VM Folder Location**
 - Select **Browse**

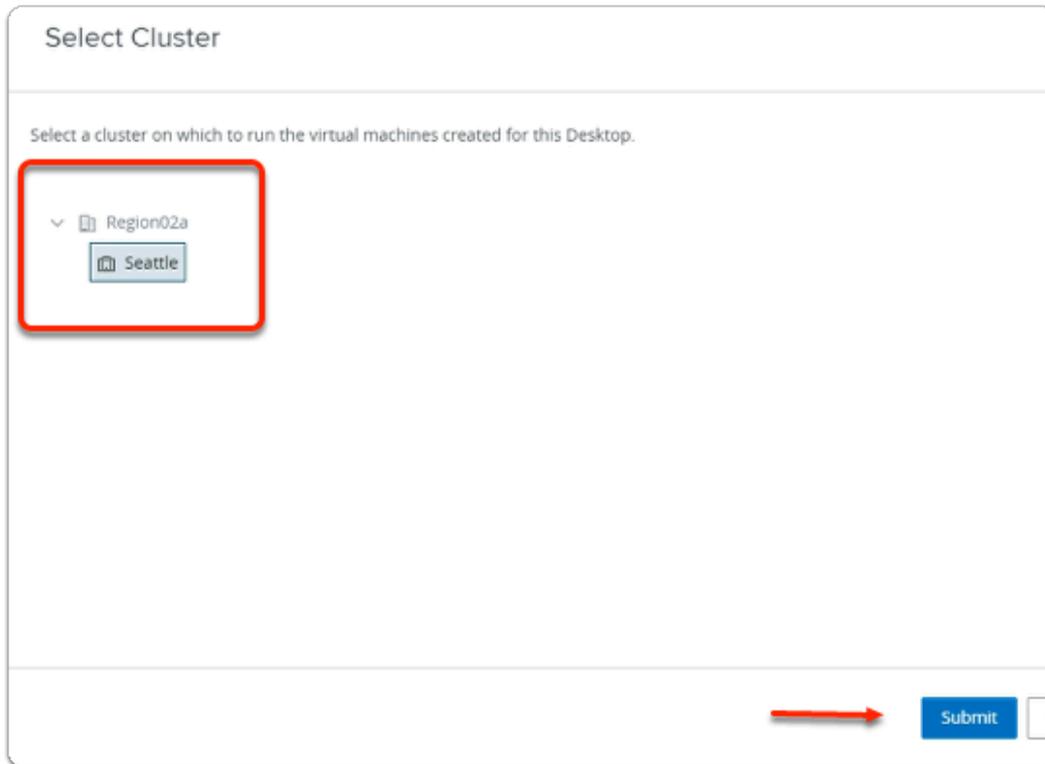


14. In the **VM Folder Location** window
 - Select the **Region02A** cluster icon
 - Select **Submit**

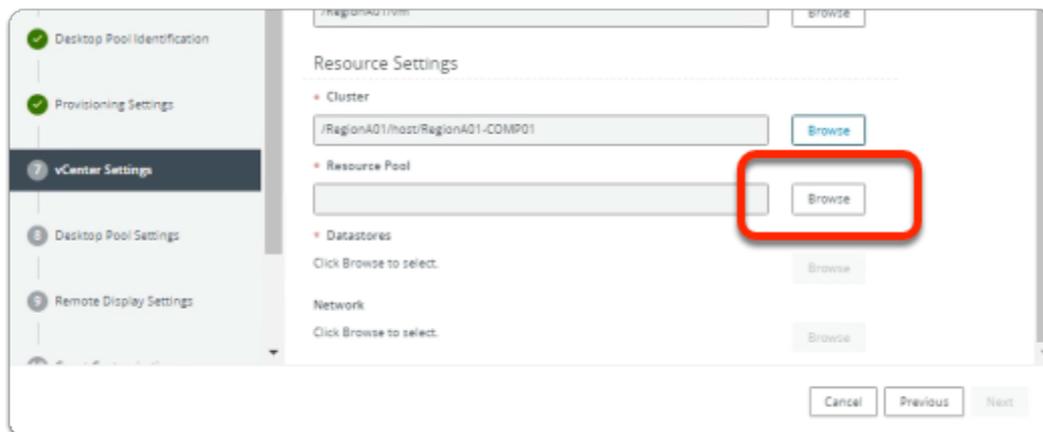


15. In the **Add Pool** wizard
 - Next to:-
 7. **vCenter Settings**
 - In the **Resource Settings** area

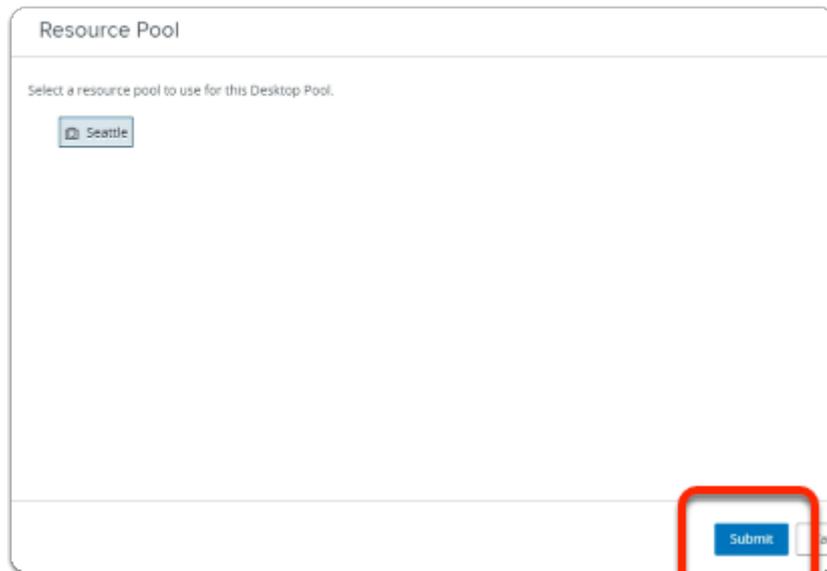
- To the right of ***Cluster**
 - Select **Browse**



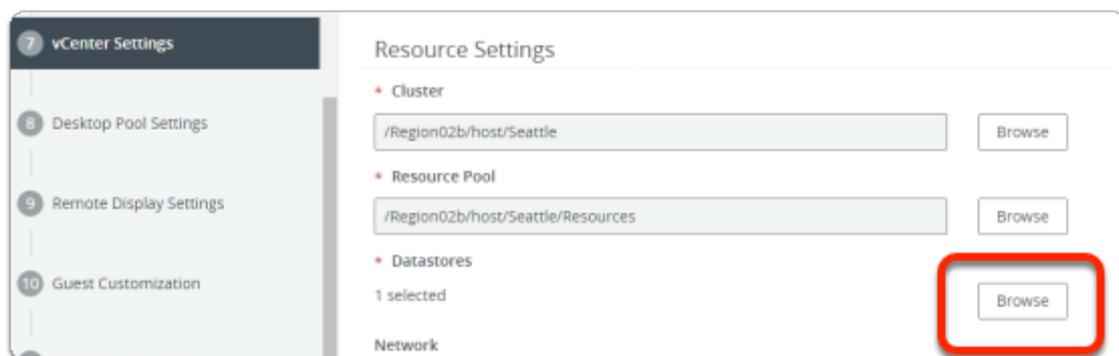
16. In the **Select Cluster** window
 - Select the **Seattle** cluster icon
 - Select **Submit**



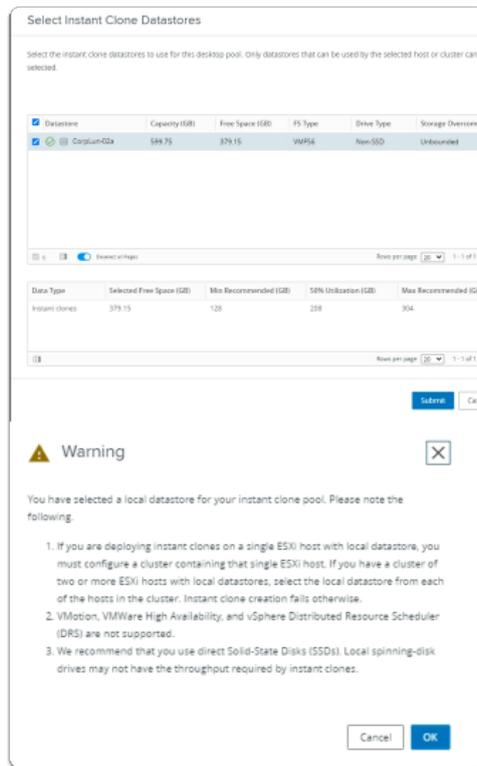
17. In the **Add Pool** wizard
 - Next to:-
 7. **vCenter Settings**
 - In the **Resource Settings** area
 - To the right of ***Resource Pool**
 - Select **Browse**



18. In the **Resource Pool** window
- Select the **Seattle** cluster icon
 - Select **Submit**

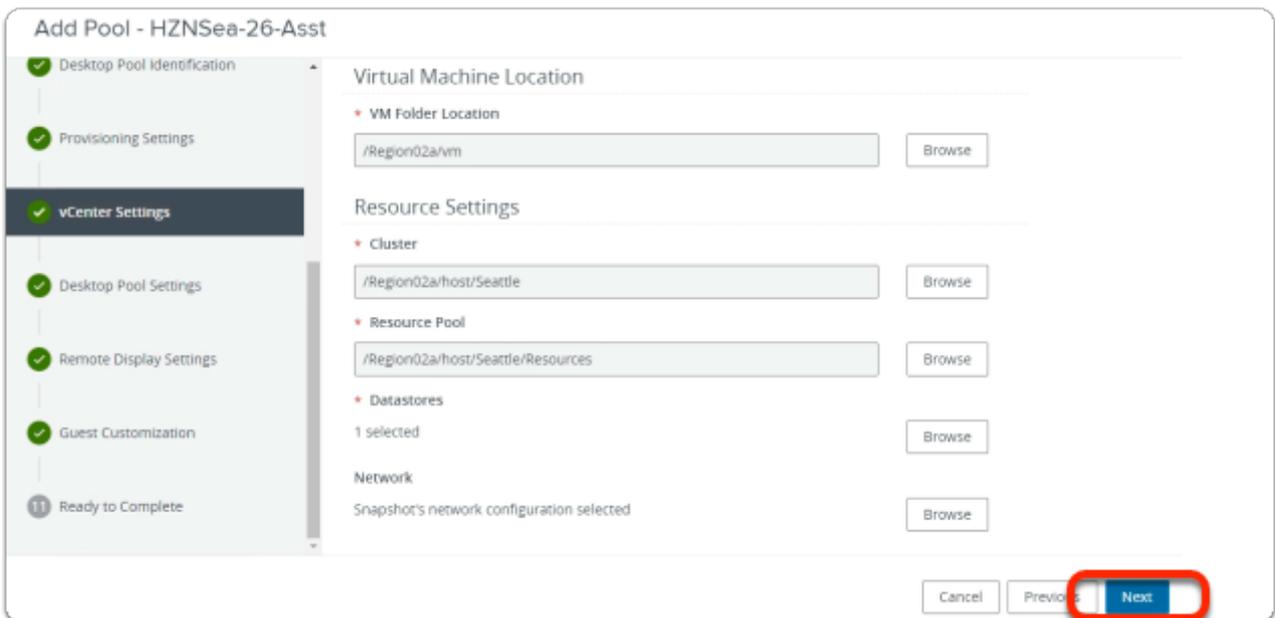


19. In the **Add Pool** wizard
- Next to:-
 7. **vCenter Settings**
 - In the **Resource Settings** area
 - To the right of ***Datastores**
 - Select **Browse**



20. In the **Select Instant Clone Datastores** window

- Select the **checkbox** next to **CorpLun-02a**
 - Select **Submit**
- In the **Warning** window
 - Select **OK**



21. In the **Add Pool** wizard

7. **vCenter Settings**

- In the bottom right corner

- Select **Next**

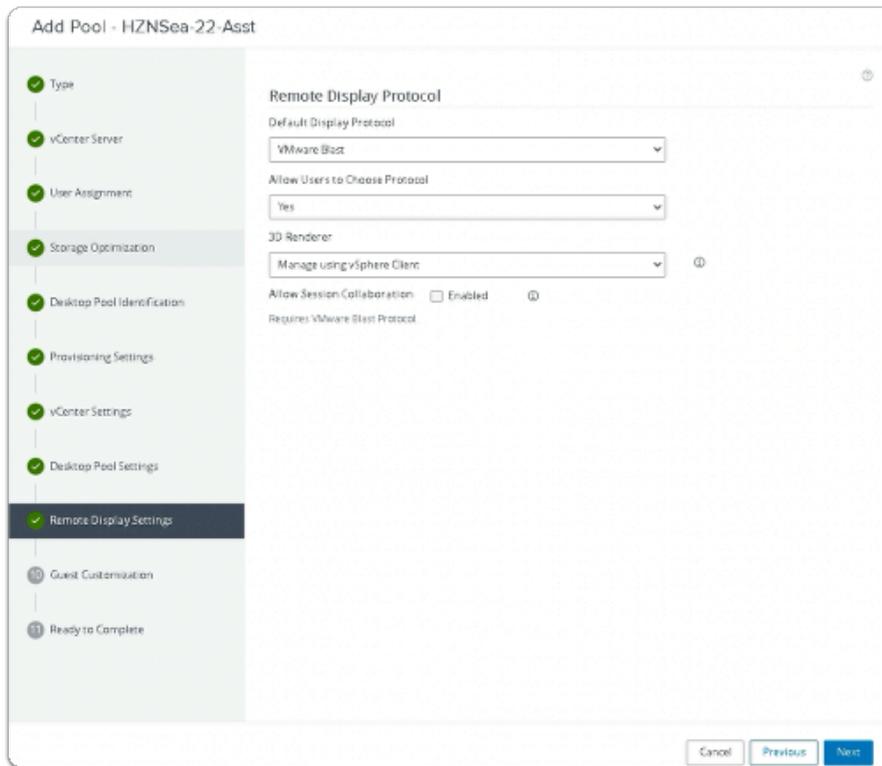
The screenshot shows the 'Desktop Pool Settings' wizard. On the left, a sidebar lists 'Desktop Pool Identification', 'Provisioning Settings', and 'vCenter Settings', all with green checkmarks. The main area shows 'Cloud Managed' checked and 'Cloud Assigned' unchecked. Below, the 'State' is 'Enabled'. A message states 'This option is not available for cloud-managed desktop pools.' The 'Log Off After Disconnect' dropdown is set to 'Immediately'. Below that, 'Allow Users to Restart Machines' is set to 'No', and 'Allow Separate Desktop Sessions from Different Client Devices' is set to 'No'. At the bottom, there are 'Cancel', 'Previous', and 'Next' buttons, with 'Next' being highlighted in blue. Two red arrows point to the 'Cloud Managed' checkbox and the 'Log Off After Disconnect' dropdown.

22. In the **Add Pool** wizard

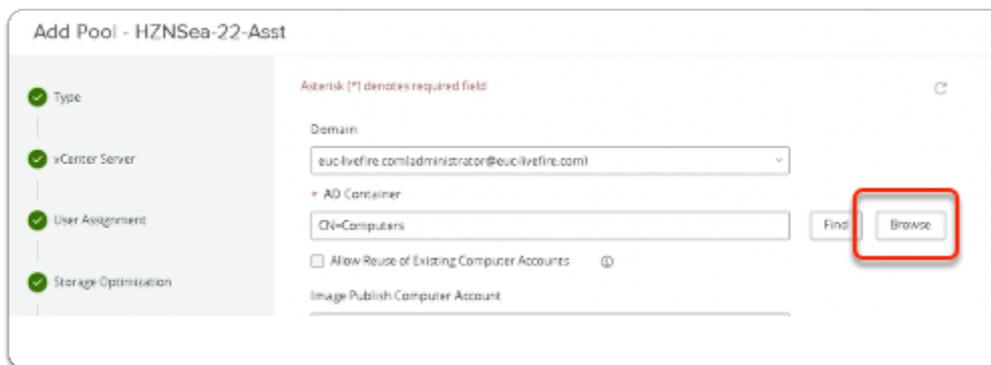
- Next to:-

8. **Desktop Pool Settings**

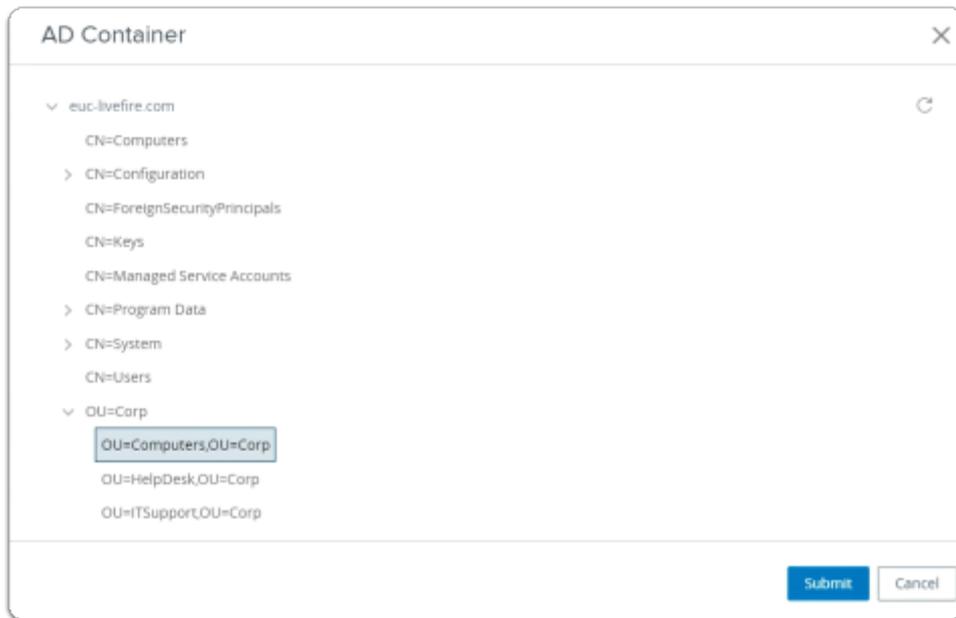
- Select the **checkbox** next to **Cloud Managed**
- Under **Log Off after Disconnect**
 - From the dropdown, select **Immediately**
 - Select **Next**



23. In the **Add Pool** wizard
 9. **Remote Display Settings** area
 - Select **Next**

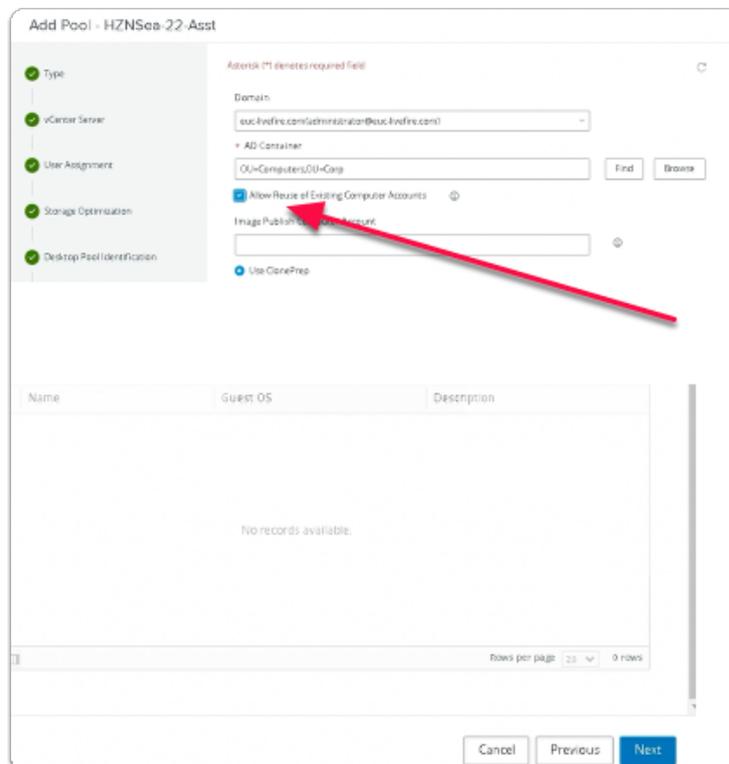


24. In the **Add Pool** wizard
 - Next to:-
 10. **Guest Customization**
 - Under ***AD Container**
 - Select **Browse**



25. In the **AD Container** window

- Expand **OU=Corp**
 - Select **OU=Computers,OU=Corp**
 - Select **Submit**



26. In the **Add Pool** wizard

10. **Guest Customization** area

- Select the **checkbox** next to
 - **Allow Reuse of Existing Computer Accounts**

- Select **Next**

Storage Optimization	Unique ID	H2NSea-22.Asc2
Desktop Pool Identification	Description	-
Provisioning Settings	Display Name	H2NSea-22.Asc2
vCenter Settings	Access Group	/
Desktop Pool Settings	Desktop Pool State	Enabled
Remote Display Settings	Cloud Managed	Enabled
Guest Customization	Session Types	Desktop
Ready to Complete	Client Restrictions	Disabled
	Log Off After Disconnect	Immediately
	Connection Server Restrictions	None
	Category Folder	None
	Allow Users to Restart Machines	No
	Allow Separate Desktop Sessions from Different Client	No

Buttons: Cancel, Previous, Submit

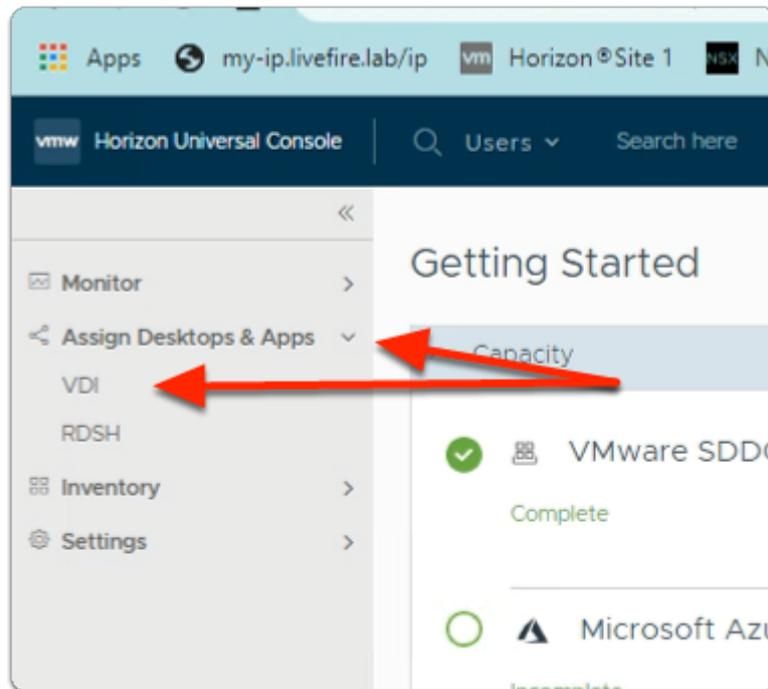
27. In the **Add Pool** wizard
 11. **Ready to Complete** area
 - Select **Submit**

 **Note: It might take around 15 mins to show all the VMs in available in the Horizon Pool**

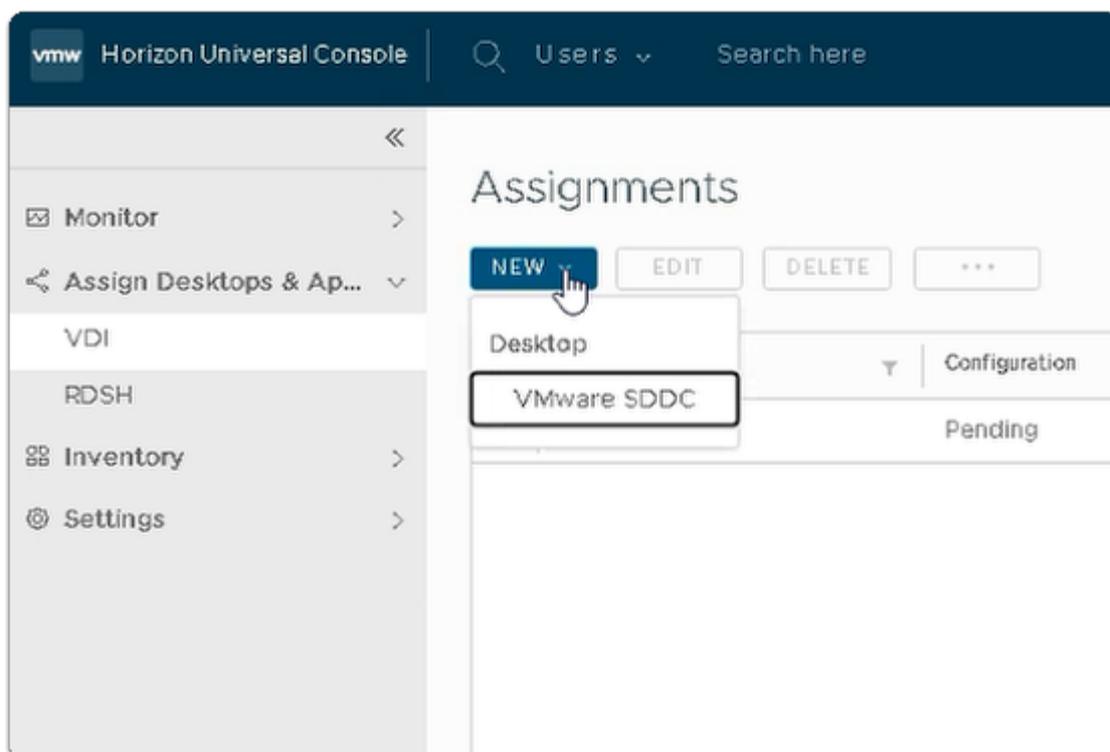
Part 5 Creating Assignment for the Image Management Pool

We login to the Horizon Universal Console and create a VDI assignment

Creating Assignment for the Image Management Pool

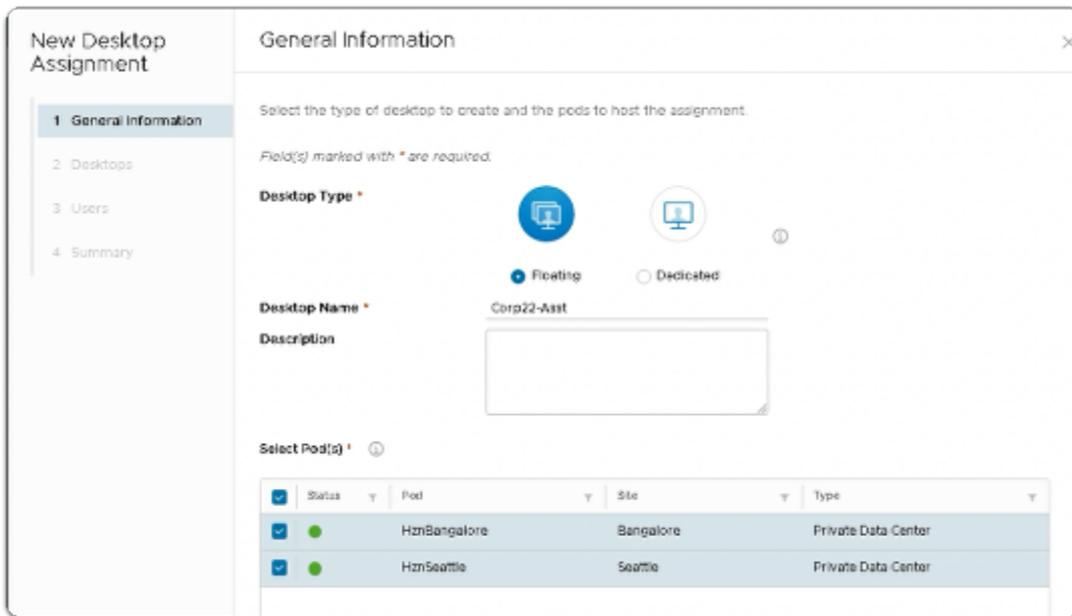


1. In the **Horizon Universal Console**
 - Expand **Assign Desktops & Apps**
 - Select **VDI**



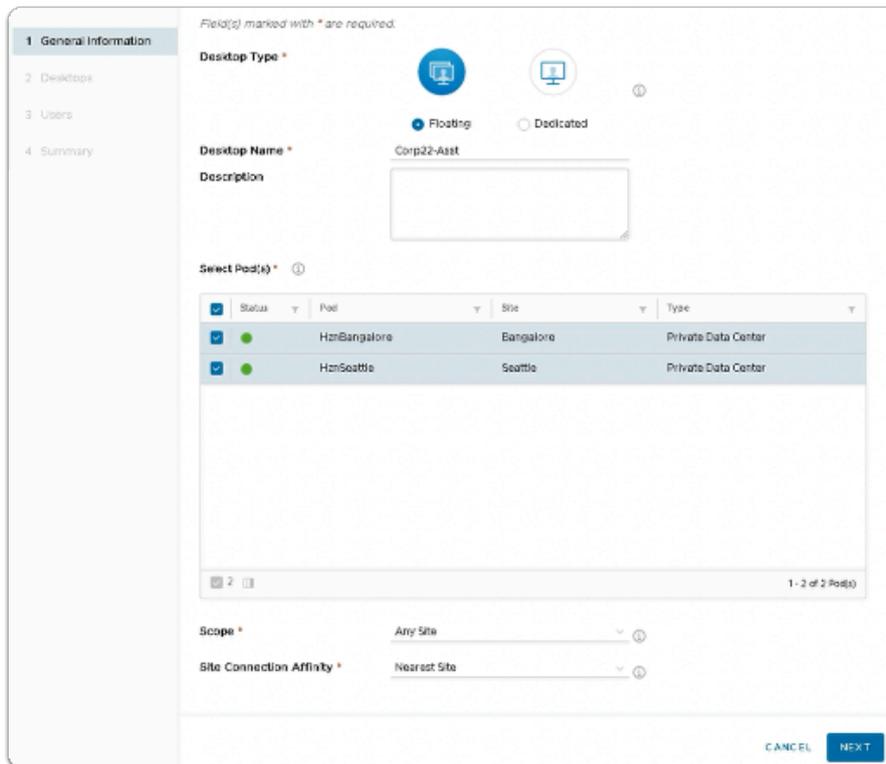
2. In the **Assignments** area

- Select **NEW**
 - Under **Desktop**
 - Select **VMware SDDC**



3. In the **New Desktop Assignment** wizard

- Next to:
 1. **General Information**
 - Configure the following: next to:-
 - **Desktop Type*** :**Floating** (default configuration)
 - **Desktop Name***: type **Corpxx-Asst**
 - **(xx is your assigned POD number)**
 - In the **Select Pod(s)** area
 - Select the **checkbox** next to
 - **HznBangalore**
 - **HZNSeattle**

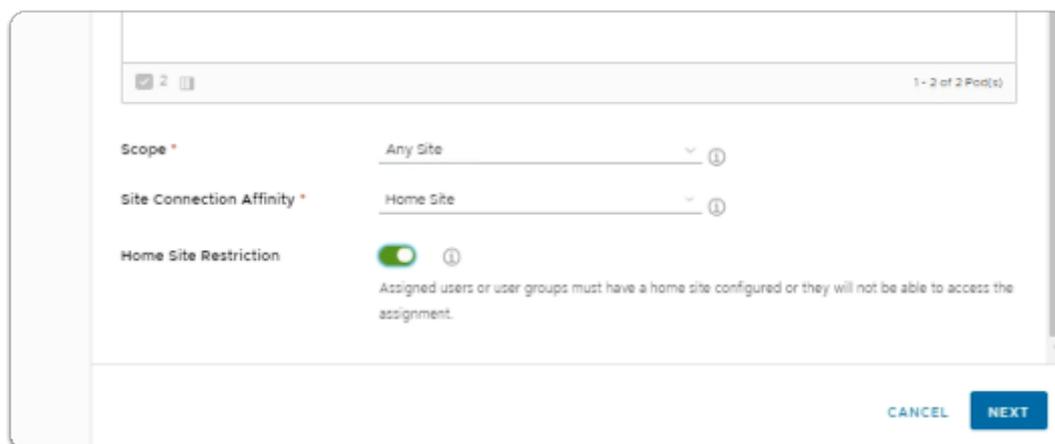


4. In the **New Desktop Assignment** wizard

- Next to:

1. **General Information**

- **Scroll down** until you see
 - **Scope***
 - **Site Connection Affinity***



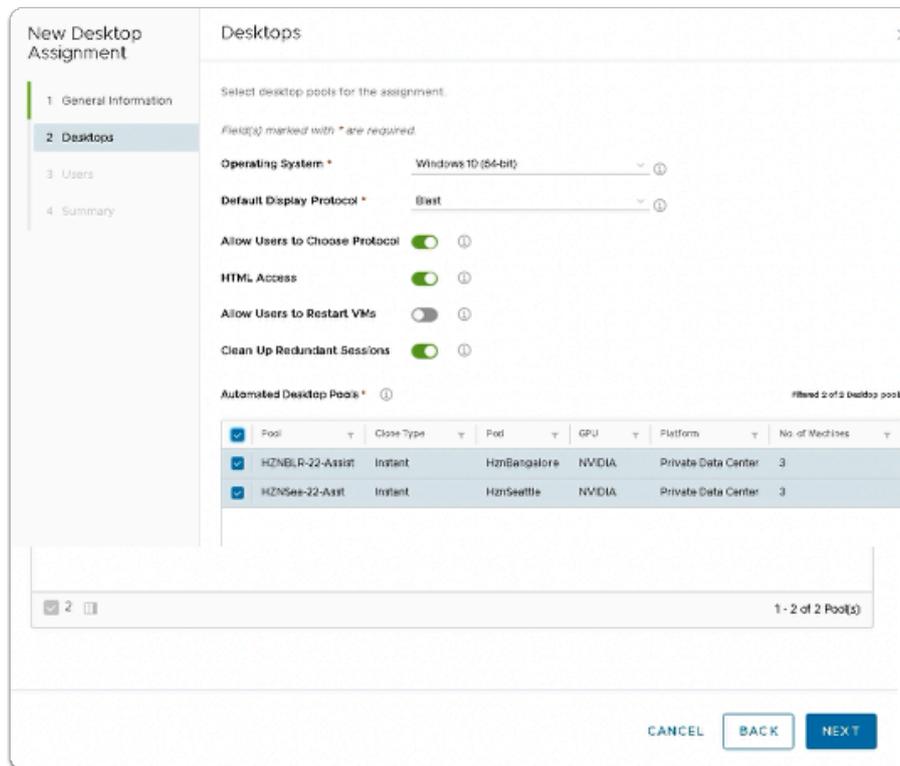
5. In the **New Desktop Assignment** wizard

- Next to:

1. **General Information**

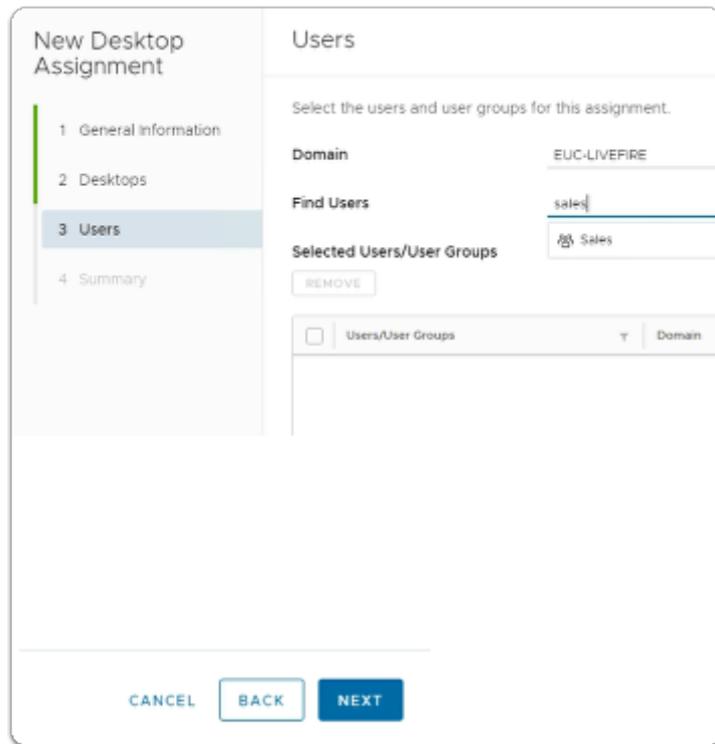
- Next to **Site Connection Affinity***
 - Select **Home Site**
- Next to **Home Site Restriction**

- Turn the **TOGGLE ON**
- Select **NEXT**



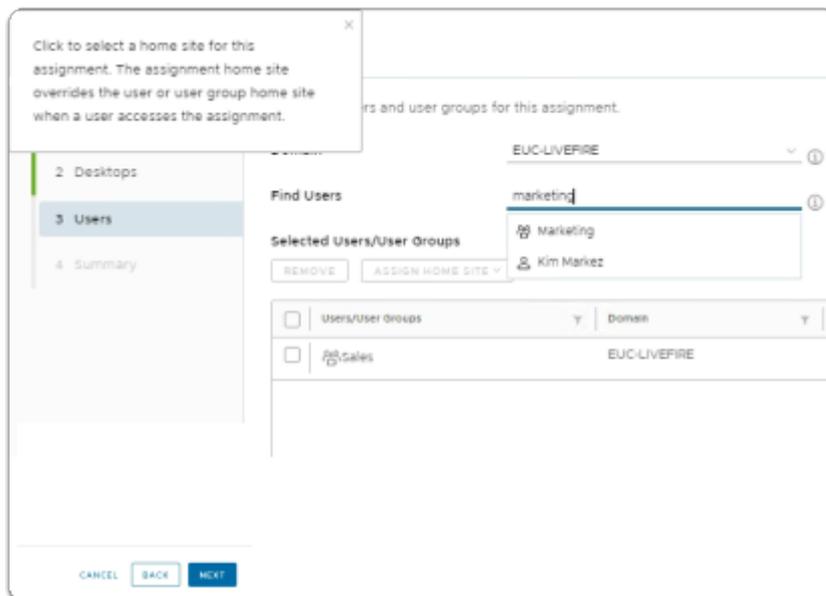
6. In the **New Desktop Assignment** wizard

- Next to:
 - Desktops**
 - Configure the following: next to:-
 - **Operating System*** : from the dropdown, select **Windows 10 (64-bit)**
 - **HTML Access: toggle Enabled**
 - **Clean Up Redundant Sessions : toggle Enabled**
 - Select the **check box** next to:-
 - **HZNBLR-XX-Assist (XX being your POD Number)**
 - **HZNSEA-XX-Assist(XX being your POD Number)**
 - Select **NEXT**



7. In the **New Desktop Assignment** wizard

- Next to:
- 3. **Users**
 - Configure the following: next to:-
 - **Find Users:** type **sales**
 - Select **Sales**



8. In the **New Desktop Assignment** wizard

- Next to:
- 3. **Users**

- Configure the following: next to:-
 - **Find Users:** type **Marketing**
 - Select **Marketing**
 - Click **Next**

The Summary window displays the following configuration details:

General Information

- Desktop Type: Floating
- Desktop Name: Corp23Assist
- Description: -
- Scope: Any Site
- Connection Affinity: Home Site
- Home Site Restriction: Yes

Pods

Pod	Site	Type
HznBangalore	Bangalore	Private Data Center
HznSeattle	Seattle	Private Data Center

Desktops

- Operating System: Windows 10 (64-bit)
- Clean Up Redundant Sessions: Yes
- Default Display Protocol: VMware Blast
- Allow Users To Choose Protocol: Yes
- Allow Users To Restart VMs: No
- HTML Access: Yes

Pools

Pool ID	Clone Type	Pod	GPU	Platform	No. of Machines
HZNBLR_23_W10	Instant	HznBangalore	NVIDIA	Private Data Center	4
HZNSea_23_W10	Instant	HznSeattle	NVIDIA	Private Data Center	4

Users

Users/User Groups	Domain	Home Site Override
Sales	EUC-LIVEFRE	-
Marketing	EUC-LIVEFRE	-

Buttons: CANCEL, BACK, FINISH

9. In the **New Desktop Assignment** wizard

- Next to:
 4. **Summary**
 - Review the information
 - Select **FINISH**

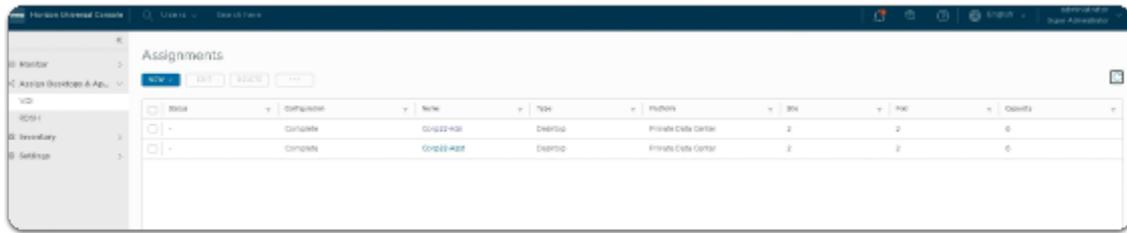
The Assignments table shows the following data:

Status	Configuration	Name	Type
Complete	Corp22-Hzn	Corp22-Hzn	Desktop
Pending	Corp22-Assist	Corp22-Assist	Desktop

A red arrow points to the 'Pending' status of the 'Corp22-Assist' assignment.

10. In the **Assignments** area

- Note that the **Status** for your **CorpXX-Asst** assignment is **Pending**
 - Where **XX** is your assigned **POD ID**
 - **It might take up to 10 minutes to show as Complete**
 - **Refresh the page every 2 minutes**



11. In the **Assignments** area

- Note that your **Site, Pod, Capacity** information will show first
 - Keep **refreshing**
- Note that the **Status** for **CorpXX-Asst** is now **Complete**
 - Where **XX** is your assigned **POD ID**