vmware PROFESSIONAL SERVICES

Cloud Pod Architecture with VMware Horizon 6.1

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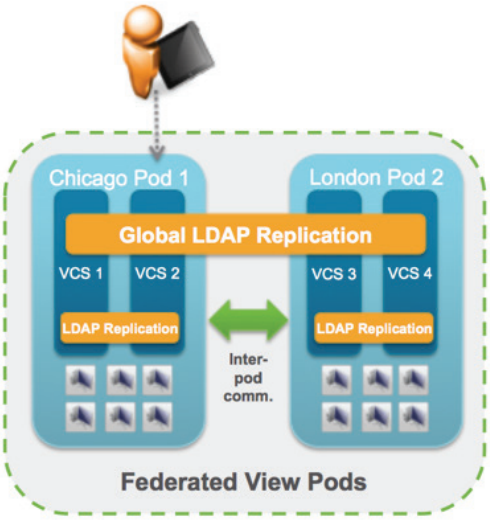
With the release of VMware Horizon 6.1, VMware has added one of their most popular features from the View 6.0 release to the Web Interface to make life easier for the Horizon Administrator.

With Cloud Pod Architecture it is now possible to link a number of Horizon deployments together to create larger global pools these pools can span over 2 different locations, for example 1 view deployment in Chicago and another in London.

The following gives a quick overview and the benefits to deploying Cloud Pod Architecture with Horizon 6.x.



Overview

- Enable View deployments across multiple datacenters
- New data layer replicated across all Horizon connection servers
- Support single namespace for end users with a global URL
- Global Entitlement layer to assign and manage desktops and users

Benefits

- Scale Horizon deployments to multiple datacenters & > 10,000 sessions
- Support Active/Active and DR use case of Horizon deployments
- Support geo-roaming users

One of the issues with the Cloud Pod Architecture with View 6 was it could be difficult to configure as everything had to be configured using the command line on the connection brokers. With Horizon 6.1 you can now configure and manage Cloud Pod Architecture via the Web Admin Portal, this greatly improves the Cloud Pod Architecture feature.

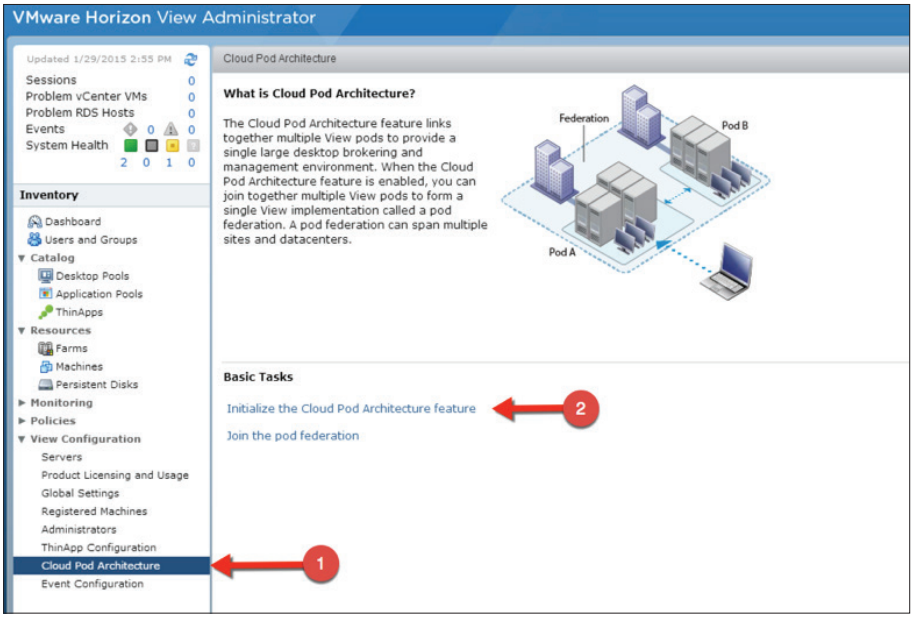
The following is an overview of how to setup and manage Cloud Pod Architecture with Horizon 6.1.

1. Configure Cloud Pod Architecture

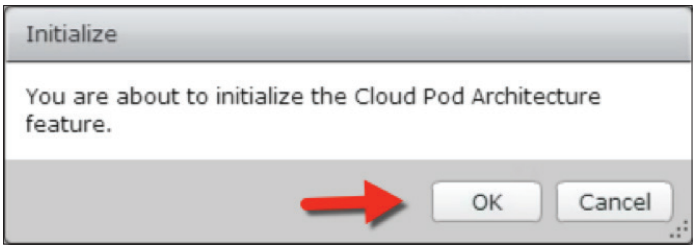
After setting up at least two View Connection Servers (one at each site) with desktop pools and testing them to ensure they work properly, including assigning users (or test users) to the environments, it is now time to setup the Cloud Pod Architecture feature for supporting a global name space.

1.1 Initializing the First Pod Connection Server

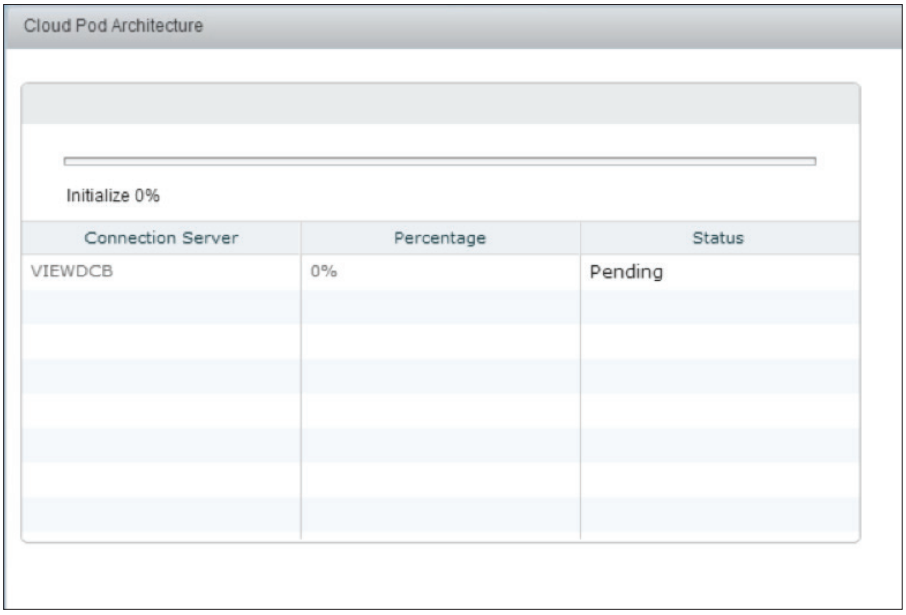
1. On one connection server in the first site click on *Cloud Pod Architecture* under *View Configuration*. Then Click *Initialize the Cloud Pod Architecture Feature*.



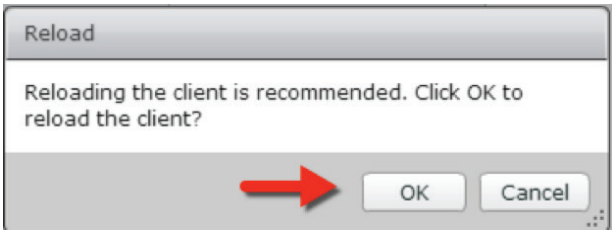
2. Click *OK*.



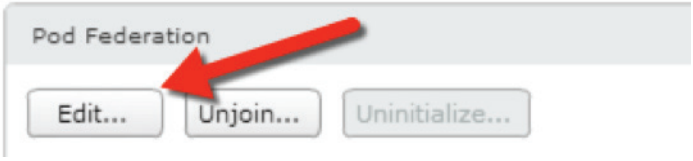
3. You will see the initialization process begin.



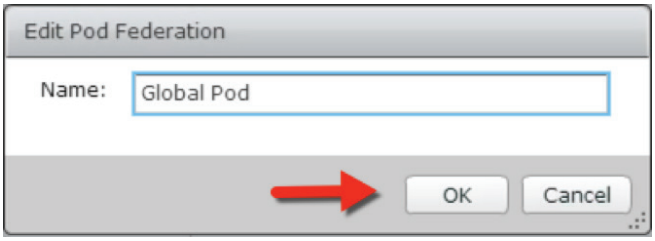
4. After it has finished Click *OK*.



5. To rename the Pod Click *Edit*.

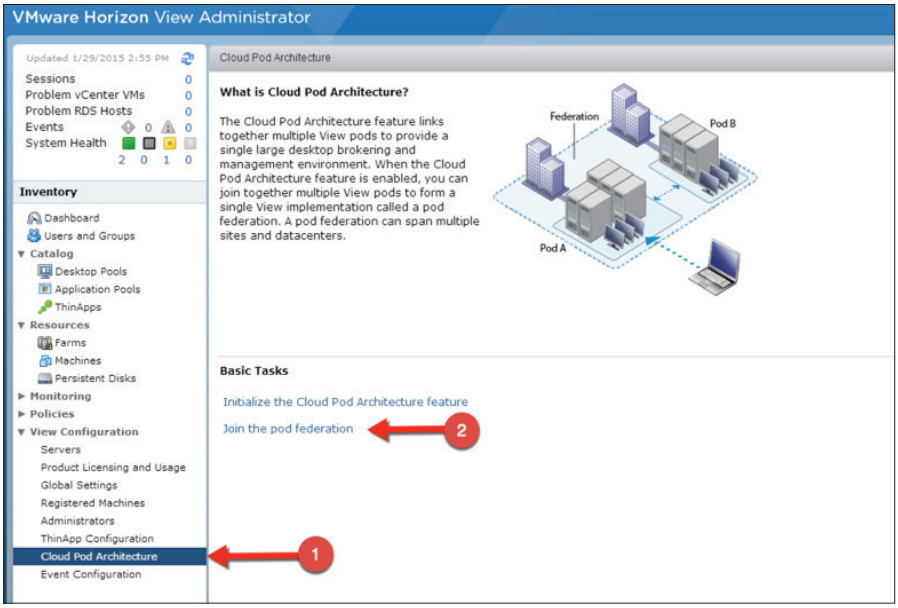


6. Give the Pod a new Name and click *OK*.

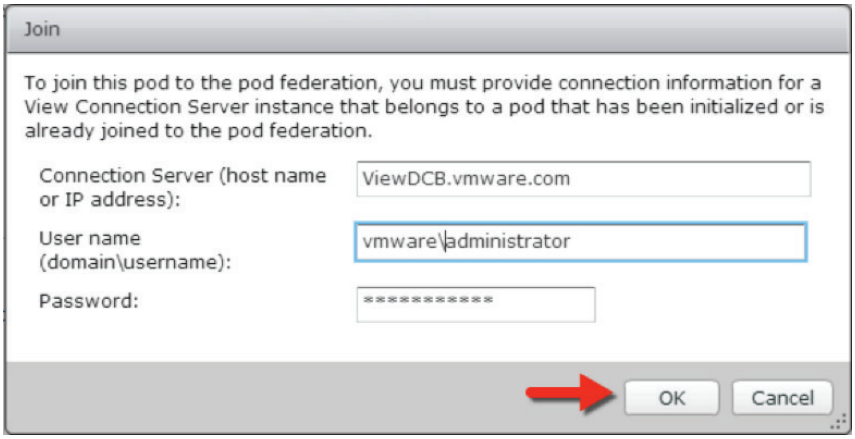


1.2 Joining the Second Pod to the First Pod

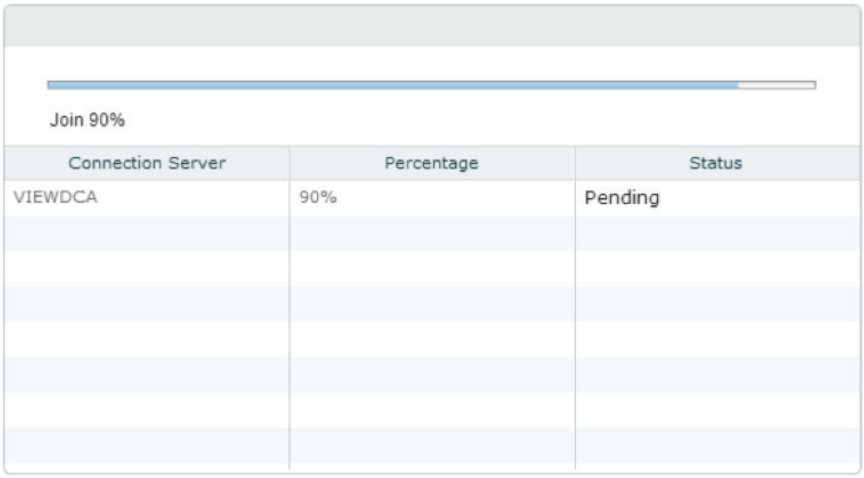
1. On one connection server in the second site click on *Cloud Pod Architecture* under *View Configuration*. Then Click *Join the pod to federation*.



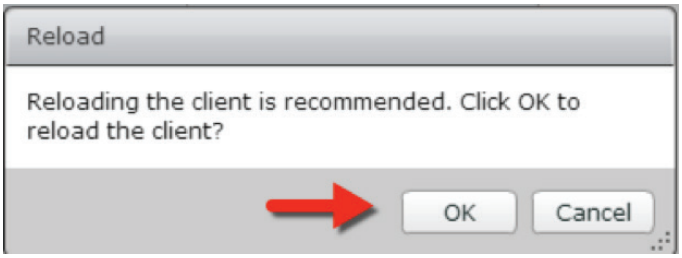
2. Enter the Name of the connection server used to create the federated pod, the username and password and click *OK*.



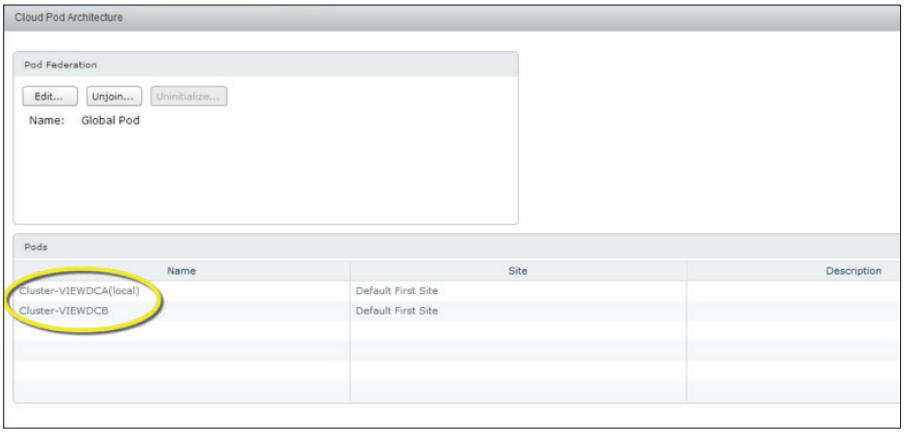
3. The server will now be added to the federated pod.



4. When the process is complete click *OK*.



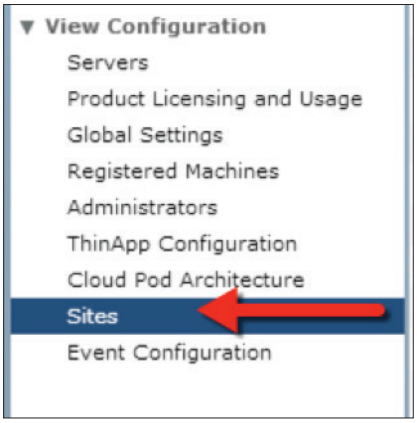
5. There will now be 2 clusters as part of the federated pod.



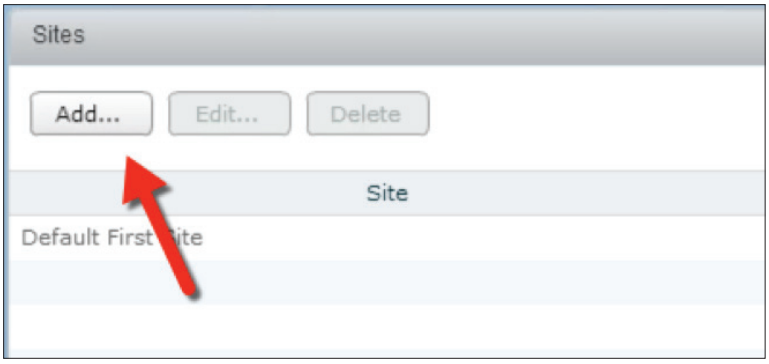
1.3 Create the Individual Site

The following can all be done form 1 of the connection servers with in the federated pod

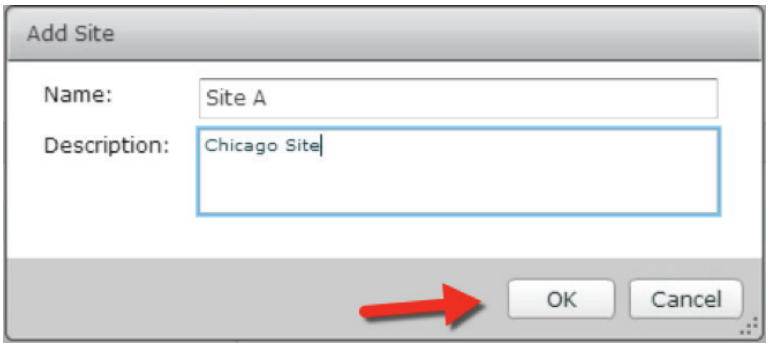
1. From the menu on the right hand side under View Configuration click *Sites*.



2. Create the first site. Under Sites Click *Add*.



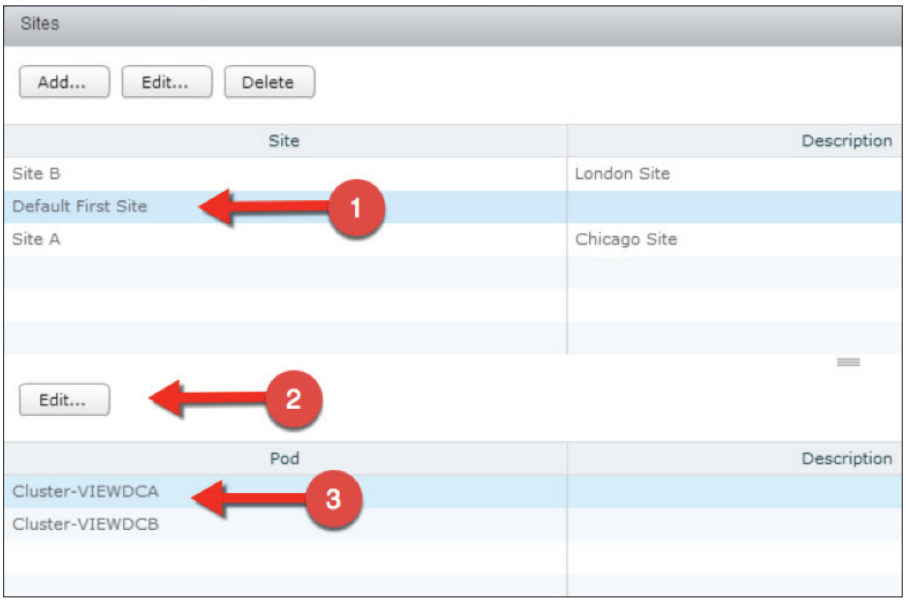
3. Give the site a name and a Description (Optional) Click *OK*.



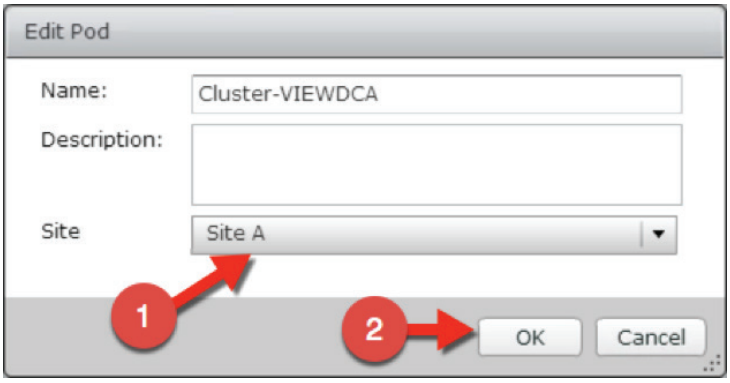
4. Create the second site. Under Sites Click *Add*.

5. Give the site a name and a Description (Optional) Click *OK*.

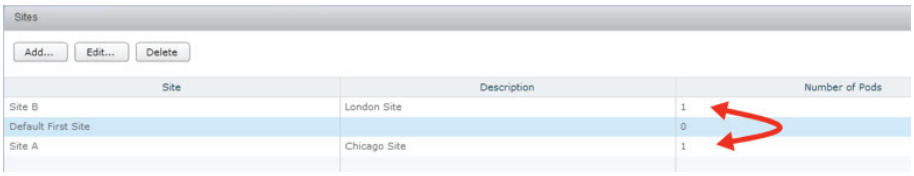
6. To move the Clusters out of the Default site, click on Default First Site, click on one of the clusters and click *Edit*.



7. From the dropdown choose the correct site and click *OK*.



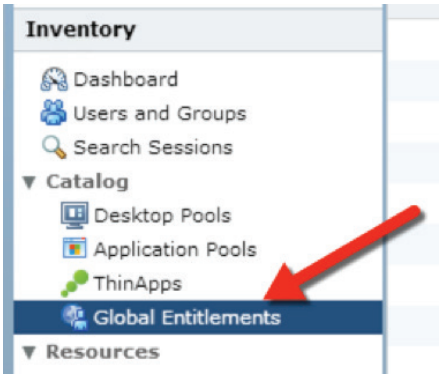
8. Follow step 6 and 7 for the second Cluster.
9. You will now see 1 pod in each site.



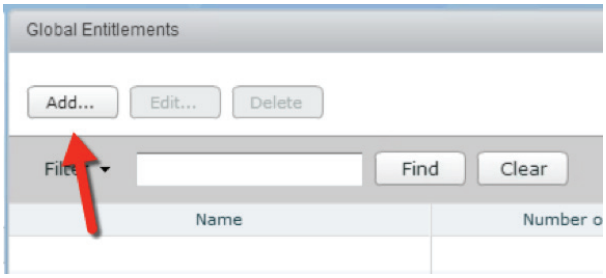
2. Global Pools

2.1 Create Global Pools

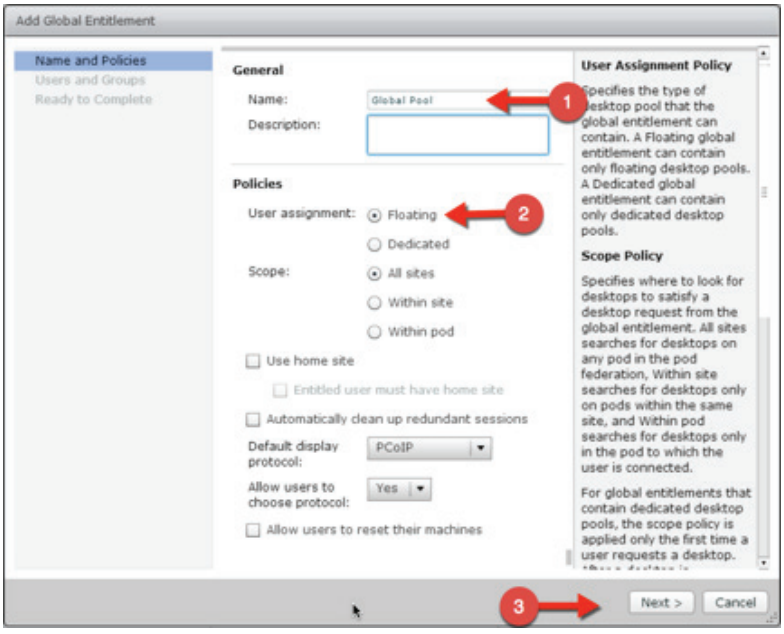
1. From the menu on the right hand side under Catalog click Global Entitlements.



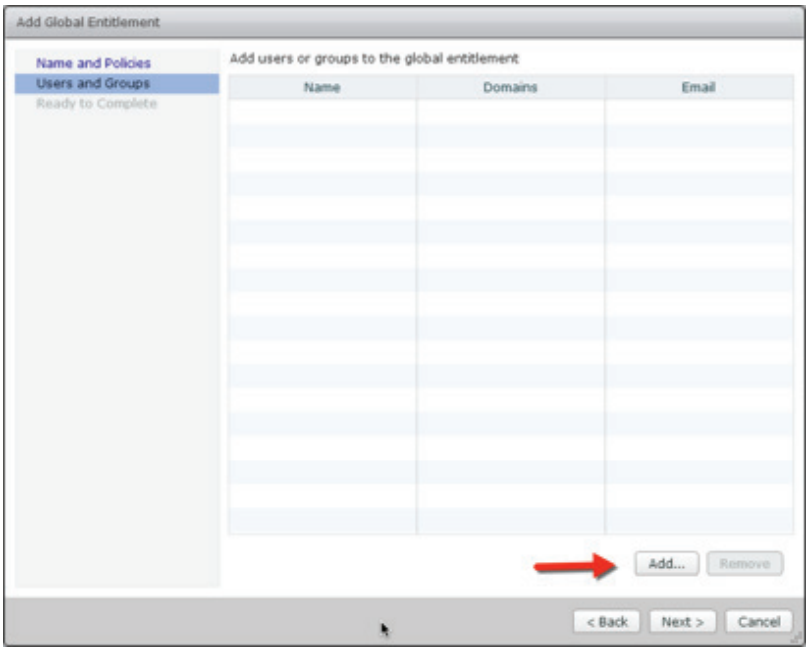
2. Click *Add.*



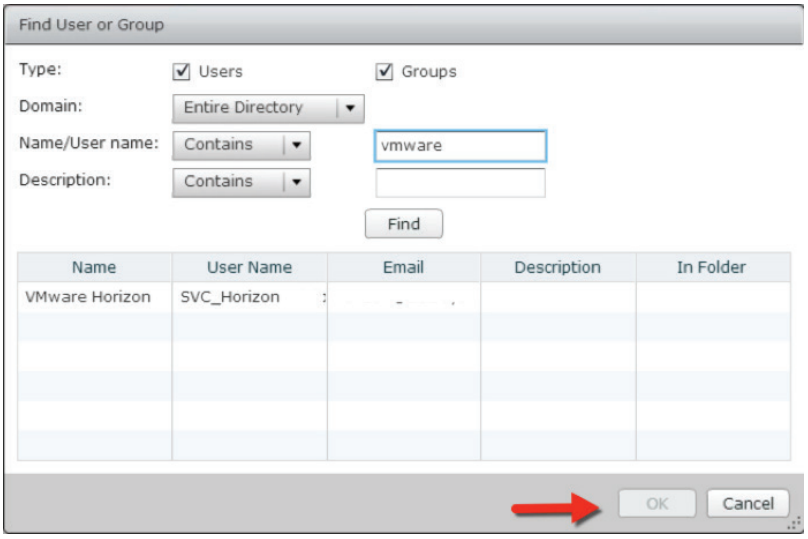
3. Give the pool a Name. Select the user assignment and click *Next*.
   Note: The local pools must be configured the same as the global pool for user assignment.



4. Click *Add* to assign users and groups.



5. Select the user or group and click *OK*.



6. Click *Next.*
7. Click *Finish.*

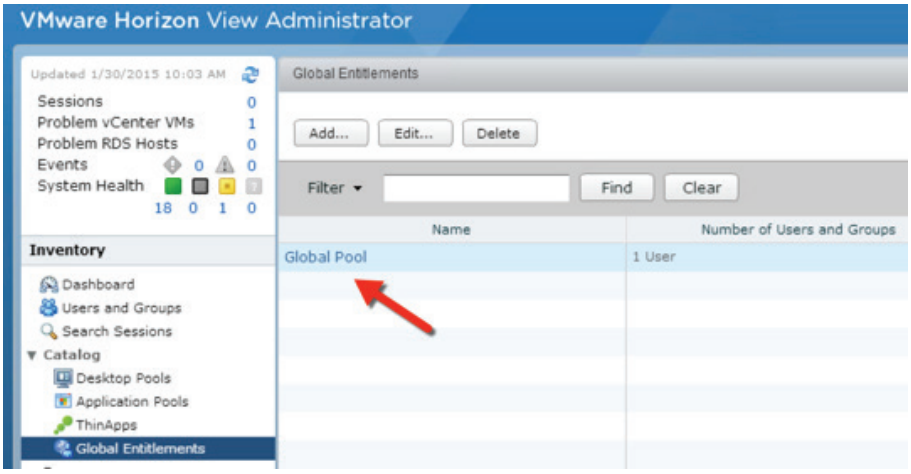
3. Configuring Local Pools with Global Pools

3.1 Adding a Local Pool to a Global Pool

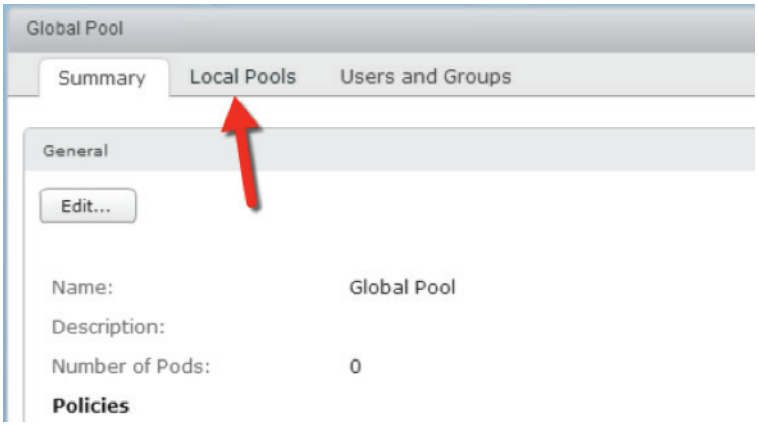
Now you need to associate the local desktop pools (also referred to as child pools) on the first View Connection Server to the Global Entitlement or parent pool.

The following should be done on the first View Connection Server.

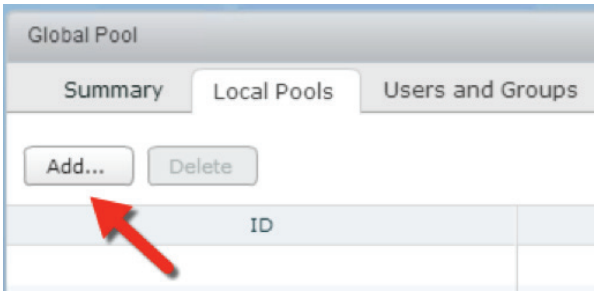
1. Under Global Entitlements double click *the pool name.*



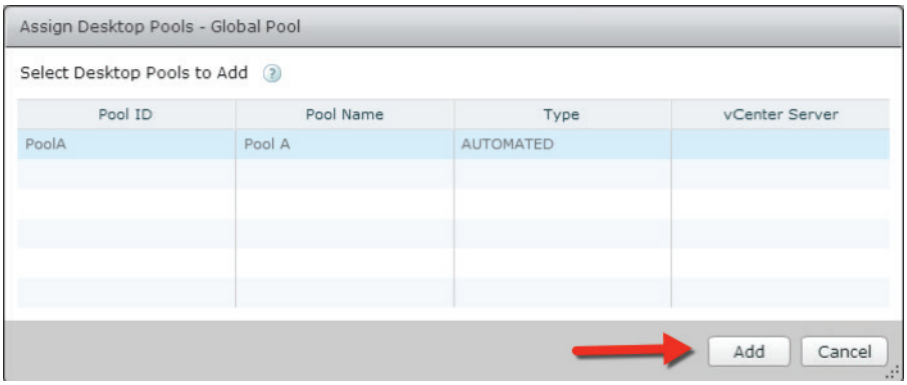
2. Click *Local Pools.*



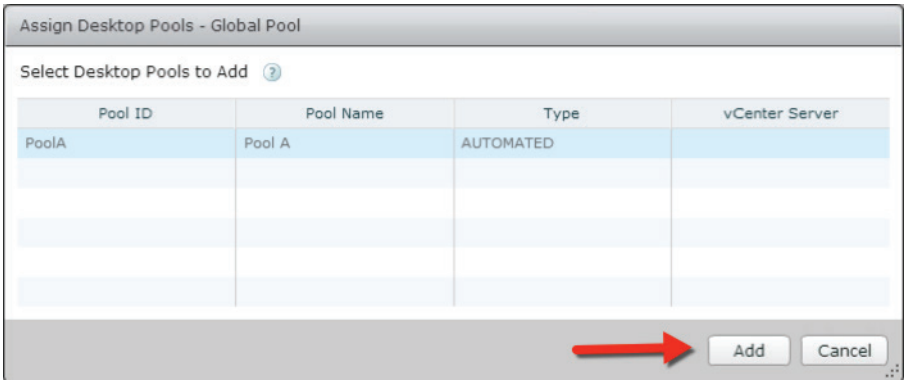
3. Click *Add.*



4. Select the Pool and click *Add.*



5. The local pool has now been added to the global pool.

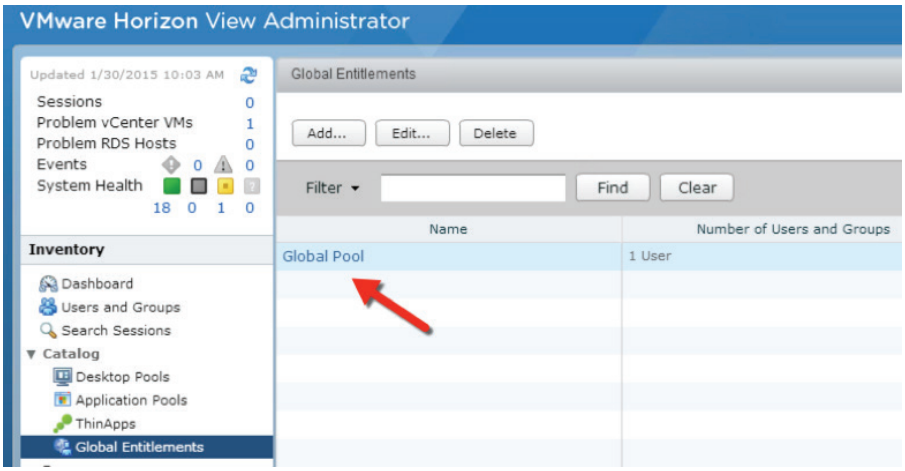


3.2 Add a Local Pool to the Global Pool from the secondary Site.

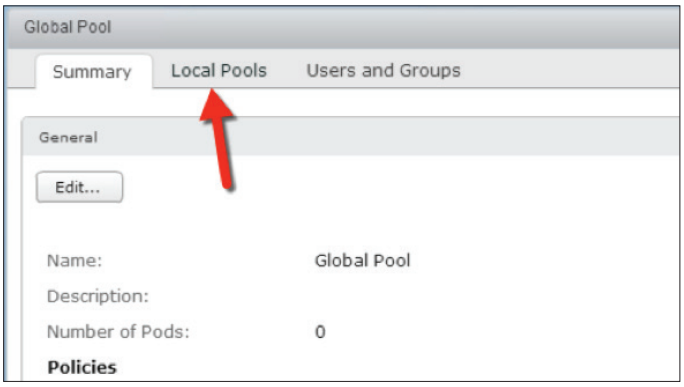
Now you need to associate the local desktop pools (also referred to as child pools) on the second View Connection Server to the Global Entitlement or parent pool.

The following should be done a View Connection Server on the second site.

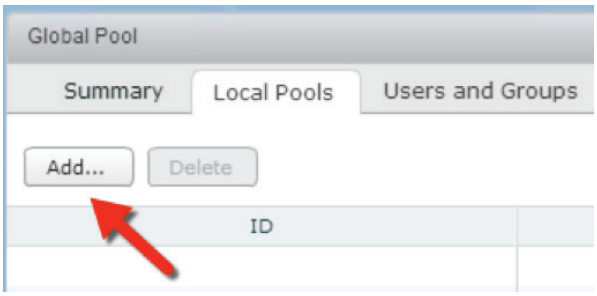
1. Under Global Entitlements double click *the pool name.*



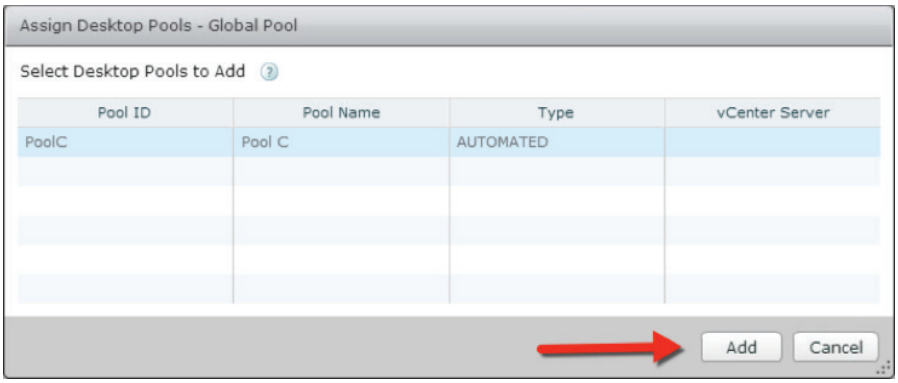
2. Click *Local Pools*.



3. Click *Add*.



4. Select the Pool and click *Add*.



5. The local pool has now been added to the global pool.
   Note: Only the local pools will be displayed as being members of the global pool.

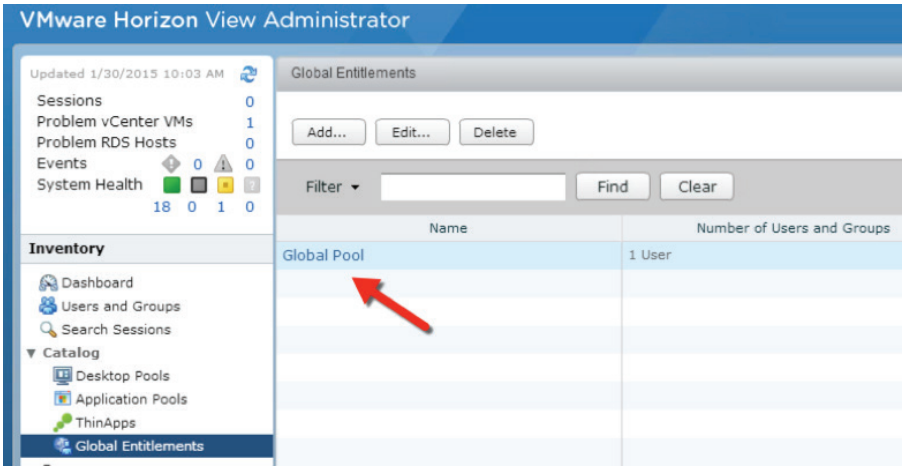
4. User Entitlements

4.1 Editing Users to a Global Pool

The following steps will show you how to edit the entitled users.

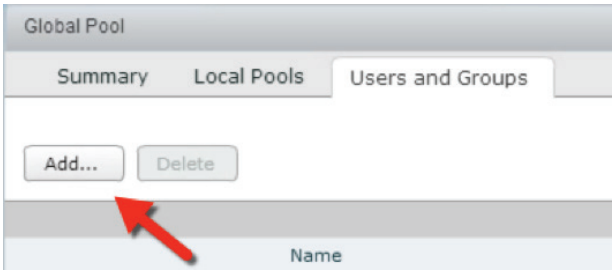
The following can be done from any View Connection Server.

1. Under Global Entitlements double click *the pool name*.

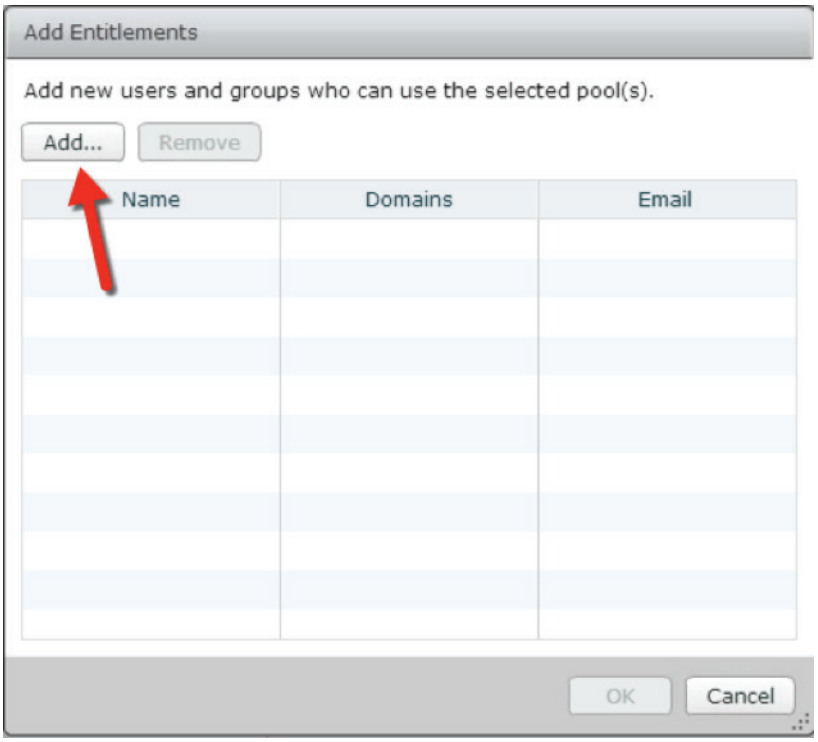


2. Click *Users and Groups*.

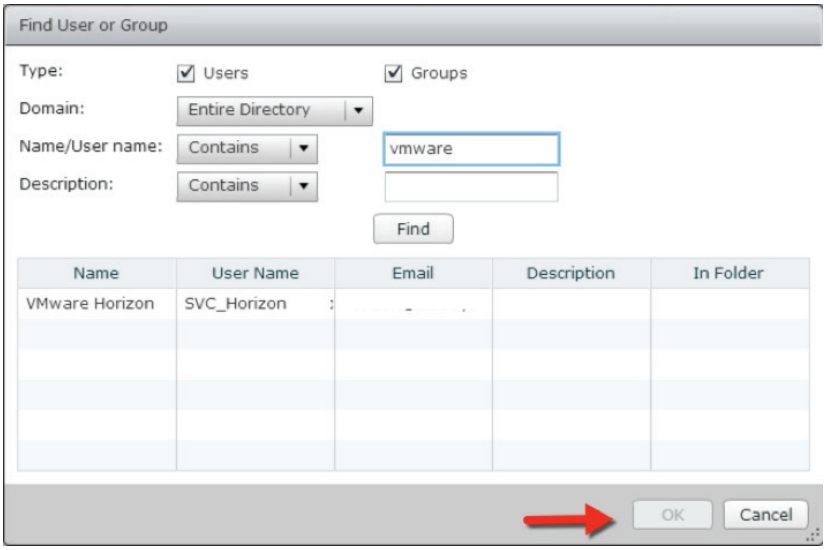
3. To Add a user or Group Click *Add*.



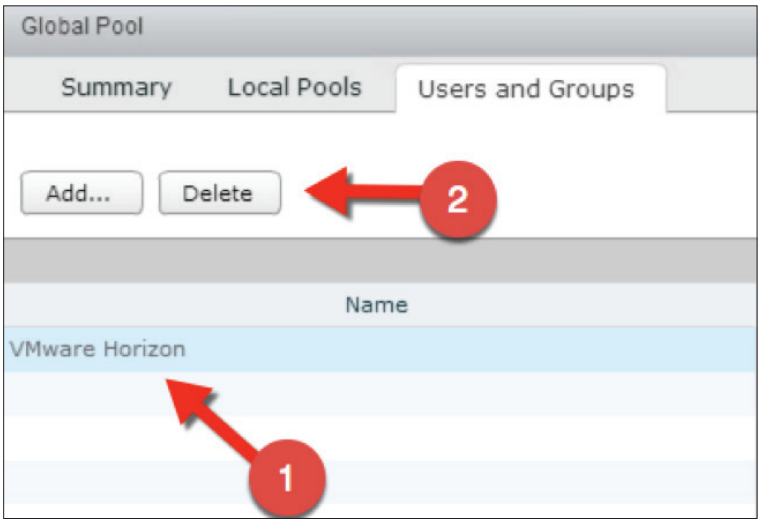
4. Click *Add*.



5. Find the User or Group and Click *OK*.



6. Click *OK*.
7. To Delete a User or Group. Select the User or Group and click *Delete*.



8. To confirm Click *OK*.