#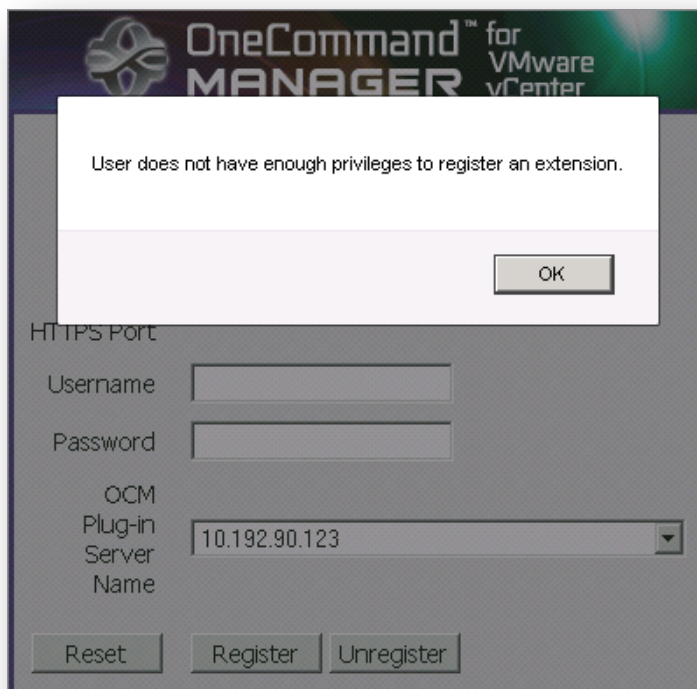 Error Message Resolution: OneCommand Manager for VMware vCenter Plug-in v1.1 reports "User does not have enough privileges to register an extension"

Problem:

After installing the Emulex OneCommand Manager for VMware vCenter v1.1, you need to register the plug-in. When you try to do this, you get an error message, as shown below in Example 1:

Example 1: Error message while registering OneCommand Manager plug-in v1.1

Resolution:

Log into the vCenter Server with the Administrator account and note the following: 'Administrator' user and 'Administrator' role are two separate entities. When viewing the Permissions Tab for the Datacenter created, we see only the Administrator group but no Administrator role assigned. In order to register the plug-in you will need to explicitly add the 'Administrator' user with 'Administrator' privileges. The same holds true when you add a user with a different name. Use the following steps to add the Administrator user to the Administrator role and to add a user with the correct privileges to register the plug-in.

1. Select the Datacenter in the tree.

2. Go to the Permissions Tab.

3. Right click on DataCenter and select Add Permission or use Ctrl-P.

4. Select Add.

5. Next select from the 'Users and Group' the name Administrator.

6. Change the Assigned Role from the drop down menu to Administrator.

7. Select OK and exit the pop-up.

8. Next, select OK to exit the 'Assign Permissions' window.
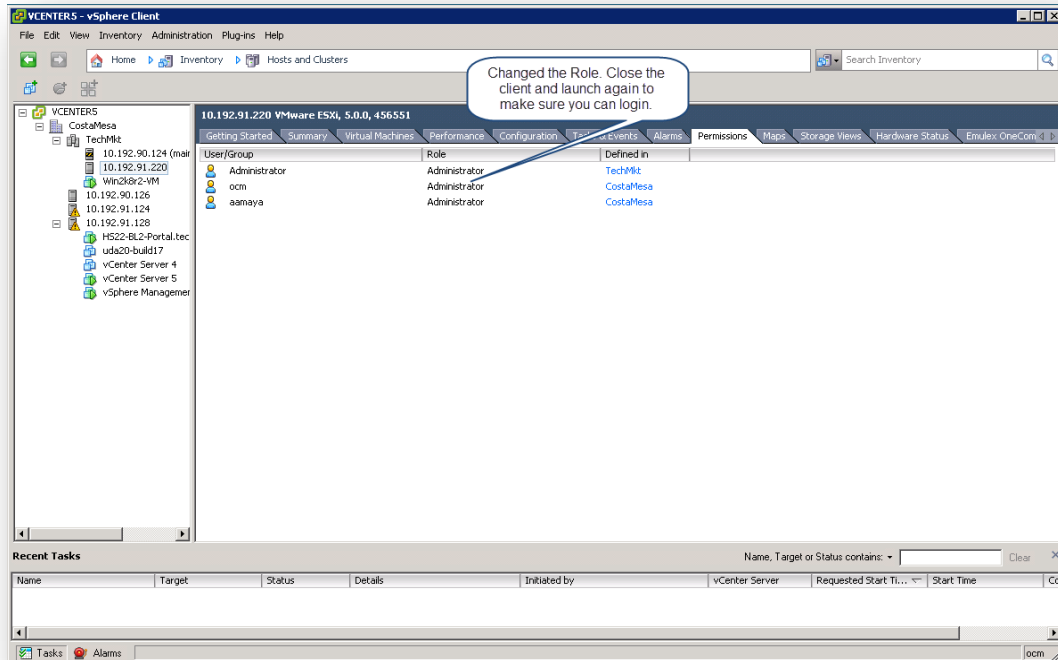
9. Register the plug-in.

Adding a User

Log into vCenter Server and check the role for the user in vCenter Server. When adding a user through vCenter Server, it defaults to a read-only role. Then verify the following options:

1. If the current user has a custom role, make sure that the required privileges to register the extension and access the OCM for VMware. Refer to the snapshot from the user manual in this document to know the required privileges. And refer vCenter Server manual for assigning privileges for a role.

2. Assign 'Administrator' role to the user which, by default, has the "read only" privilege assigned. Example 1 and Example 2 below illustrate this.
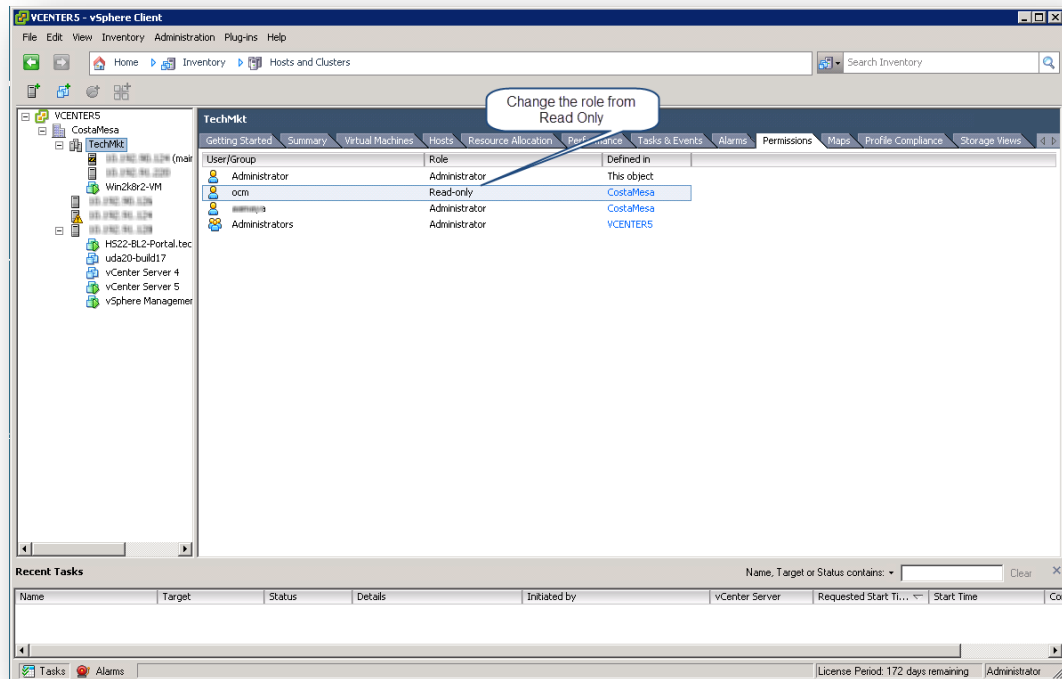
Example 1: The user's default role shows "Read-only"

Example 2: Here, the user has been changed to Administrator:

Now, launch the Registration shortcut link from the desktop, as shown below:

Next, register the plug-in, as shown in Example 3:

Example 3: This is the screen you will see to register the plug-in.

If, for some reason you get an error message saying "Unable to register OCM for VMware vCenter", check the Windows account type in Windows 2003/2008/7 to ensure it is not set for Standard user. You will need to change the user from Standard to Administrator and try again to register the plug-in. A screenshot with this error message is shown in Example 4:
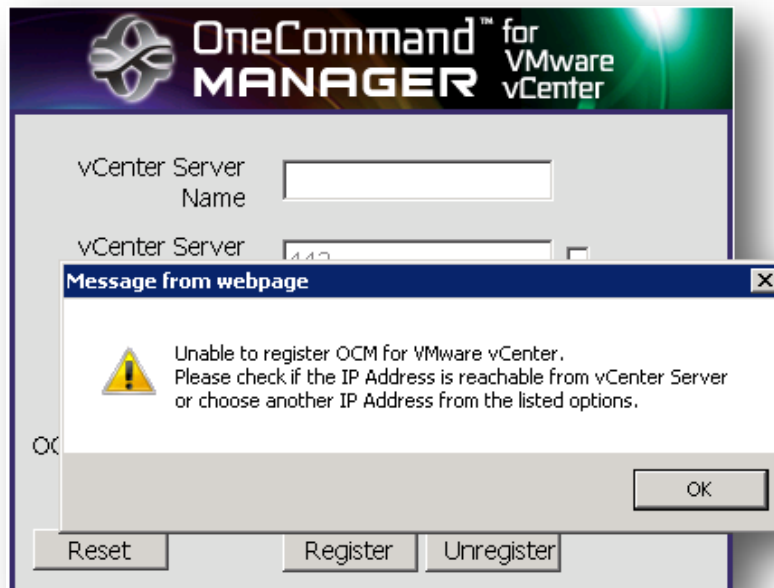
Example 4: If you get this error message, change the user from Standard to Administrator and try again to register the plug-in.

For additional information, Example 5 is a screenshot from the OneCommand Manager vCenter Plug-In User's Manual for Active Directory (page 18: http://www-dl.emulex.com/support/vmware/vcenter/110/vcenter_user_manual.pdf)

Behavior of OCM for VMware vCenter for Settings in the ESX Server
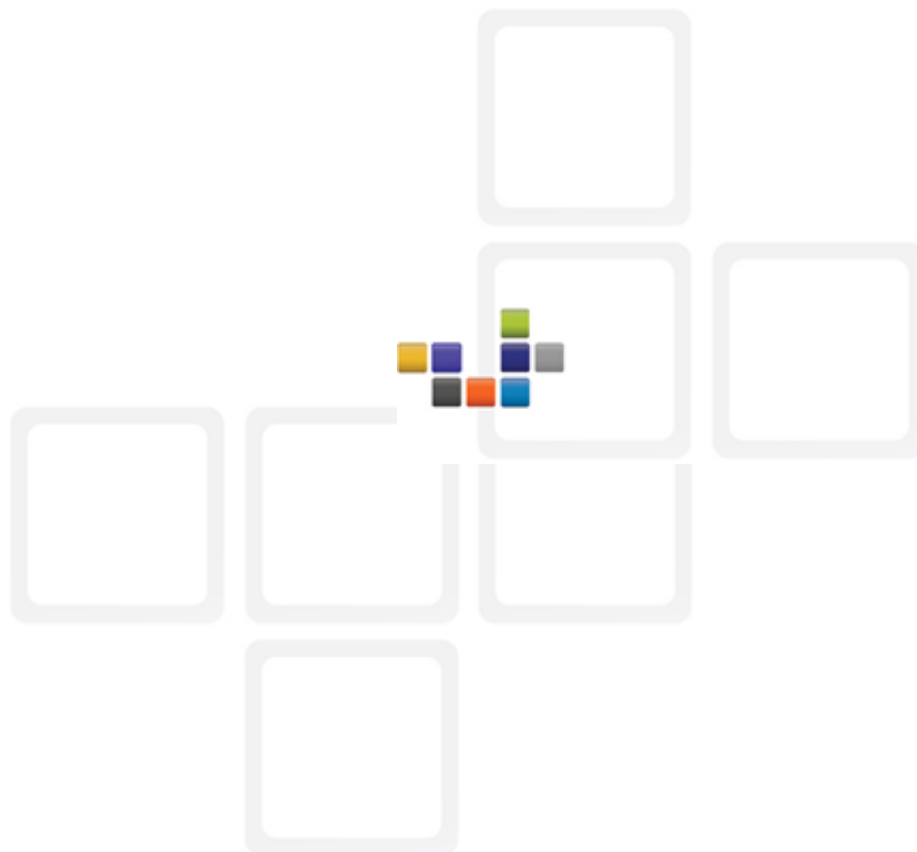
Active Directory Feature

Refer to the vSphere manual on the VMware website for information on creating a user with required privileges and changing access permissions for a user in the Active Directory.

Only a user with these specific privileges can read and perform active management in OCM for VMware vCenter:

- "Host.CIM.CIM Interaction" to read data through the OCM for VMware vCenter
- "Host.CIM.CIM Interaction" and Host.Configuration.Maintenance" to perform any active management of the Emulex adapters
- "Extension.Register extension" to register OCM for VMware vCenter using the registration utility
- "Extension.Unregister extension" to unregister OCM for VMware vCenter using the registration utility

All other users including the root user of the ESX host cannot perform any actions including reading data. If a user without the required privileges attempts to perform any action in OCM for VMware vCenter, an error message is displayed.

Example 5: OneCommand Manager vCenter Plug-In User's Manual for Active Directory

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