

Multi LE Image Streamer Removal Process Secondary LE Update from Group failed: Troubleshooting steps

Logical Enclosure Type: Multi LE with more than 1 pair of Image Streamer appliances.

Error Scenario: Secondary LE Update from Group Failed after removing the Image Streamer Intent.

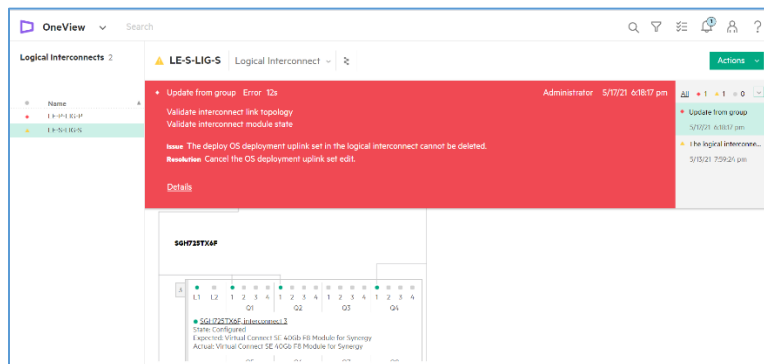
Customer: Duval School of Florida

Steps followed:

Removed I3S intent from the Secondary LE. Performed LE update from group. LE update from group failed. Please refer to the screen shot below.

Followed the steps 1-5 in the I3S Removal process document.

1. Un-assign/Delete the server profiles deployed using Image Streamer OS Deployment plans (Image Streamer respective pair).
2. Copy existing/original Logical Interconnect Group that is used for the I3S intent to a temp Logical Interconnect Group for reference.
3. Edit the Enclosure Group
 - a. Change the OS Deployment Settings section to "none".
 - b. Change "I3S" Logical Interconnect Group for Bay 3 and Bay 6 to "none" in the Interconnect Bay configuration section, press OK button.
4. Edit the Logical Interconnect Group and remove the uplink set used for Image Streamer deployment and press OK button.
5. Again edit Enclosure Group and change the Interconnect Bay configuration section to select Logical Interconnect Group for Bay 3
6. Press OK button.
7. Performed LE update from group



Analysis:

1. Root Cause Analysis:

The issue was with CRM (OV networking) code where in, for the given i3s uplink set, a wrong logical interconnect was mapped. Due to this, the validation code which checked for non-existence of LI, kicked in and hence the issue.

As it was the wrong logical interconnect (primary in this case), the deployment mode was not none and further validation code for checking the existence of LI was executed.

2. Impacted I3s Version: All Versions (< 6.2)

3. Defect Details:

OVS-32779: "Update from group" in LI to update the uplink sets fails in multi-LE setup

<https://jira-pro.its.hpecorp.net:8443/browse/OVS-32779>

The below defect is been fixed in 6.2 version. A code fix was submitted to 6.20 to map the correct logical interconnect to the i3s uplink set being deleted.

Steps to resolve the above issue:

1) Set deployment mode to "None" and manage os deployment to "false" in the OS deployment settings table that corresponds to the primary EG template.

- a. From UI locate the name of the Primary LE. For the query below let's assume the name is 'LE-P-LIG-P'
- b. update perm.osdeploymentsettings set deploymentmode = 'None', manageosdeployment = 'f' where id in (select deploymentsettingsid from perm.enclosuregroupentity where id in (select enclosuregroupid from perm.logicalenclosure where name = 'LE-P-LIG-P'));

2) From UI, perform:

- a. Locate the LI of the secondary pair
- b. LI update from the group
- c. Verify streamer uplink is removed

3) Correct/Restore the db entry for the PRIMARY EG template OS deployment settings table.

- update perm.osdeploymentsettings set deploymentmode = 'Internal', manageosdeployment = 't' where id in (select deploymentsettingsid from perm.enclosuregroupentity where id in (select enclosuregroupid from perm.logicalenclosure where name = 'LE-P-LIG-P'));

4) Perform secondary-LE update from the group . It should go through without issues.