HPE Synergy Image Streamer

Removal Process

Objective

User wants to remove Image Streamer from HPE Synergy Setup.

Steps:

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.
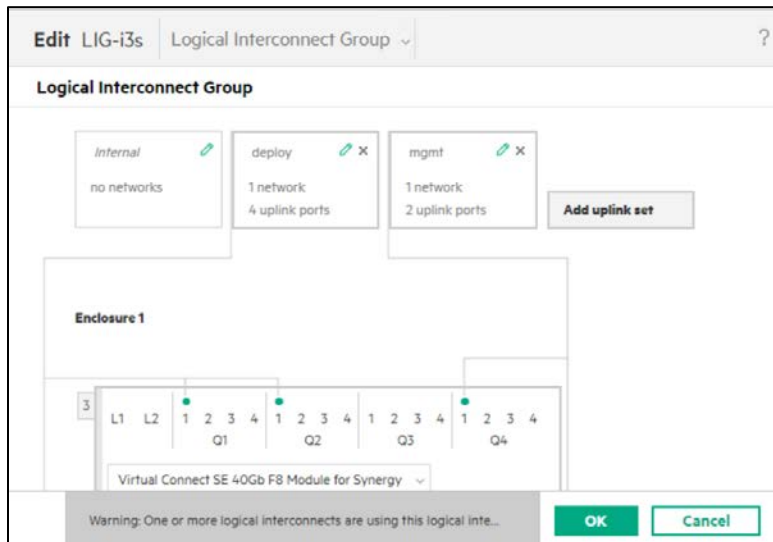
4. Edit the Logical Interconnect Group and remove the uplink set used for Image Streamer deployment and press OK button.


5. Again edit Enclosure Group and change the Interconnect Bay configuration section to select Logical Interconnect Group for Bay 3 and 6. Press OK button.
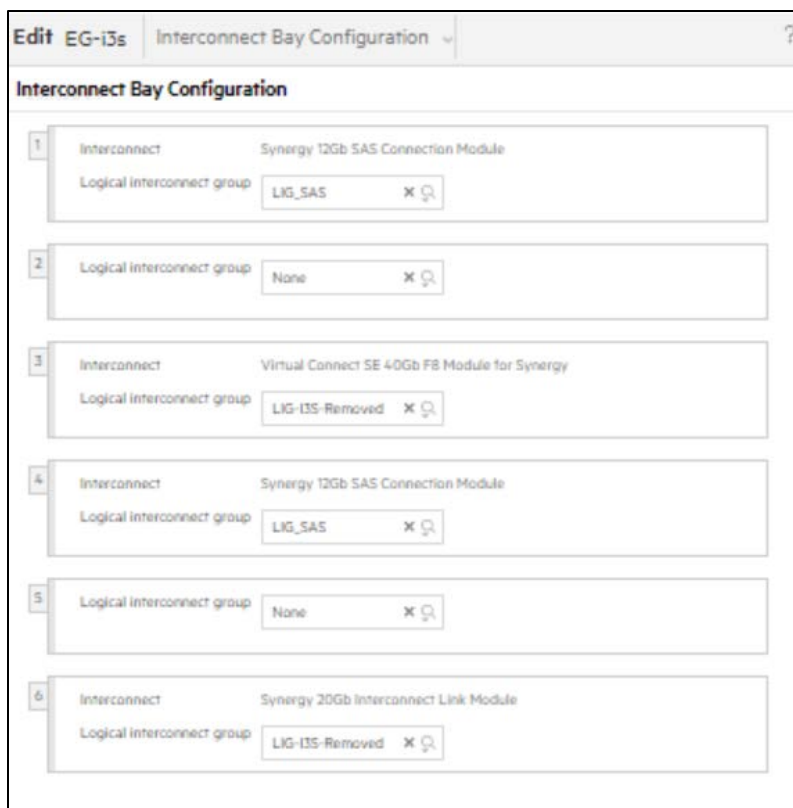
6. With the changes made, The Logical Enclosure (consisting of Primary Image Streamer appliance pair) will go inconsistent with Enclosure Group. Run Update from group on the Logical Enclosure from actions menu. After running LE update from group the deployment network IPs will return to Deployment IP Address Pool.

Note: Before running Update from group, we need to make sure that the Image Streamer appliance pair health status is OK.

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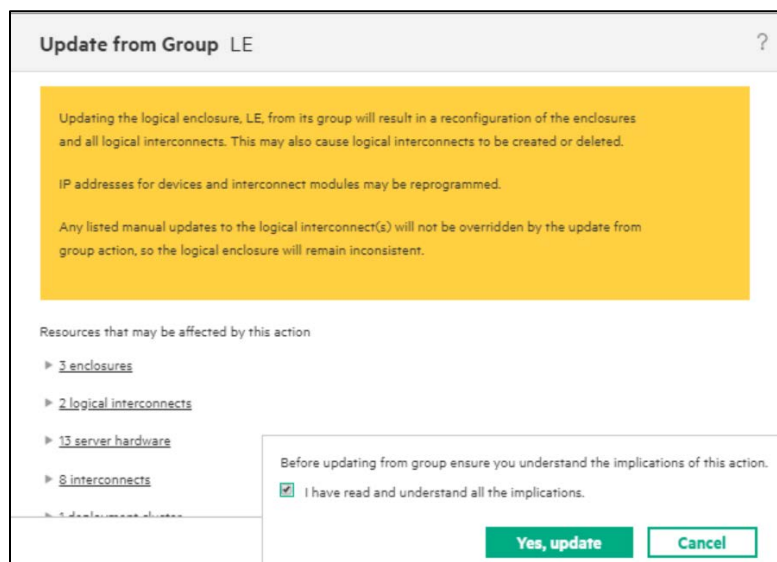
7. Once the Image Streamer intent is removed from the Logical Enclosure, Go to OS Deployment server page and remove OSDS from the Actions menu. (OSDS removal takes approximately 30 min).This step will return all the IP Addresses allocated to Image Streamer back to the pool. After OSDS removal the management network IPs will return to Management IP Address Pool.
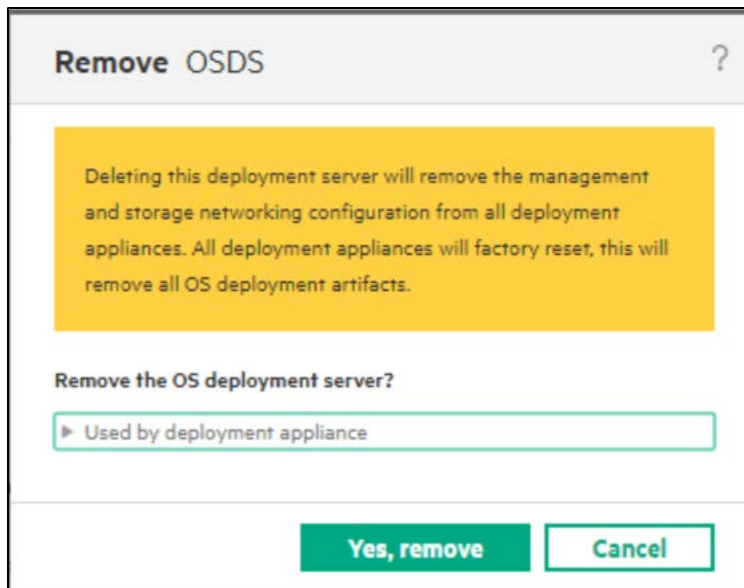
8. Remove the Image Streamer appliances from the enclosures physically (Pull out the respective i3s appliances from their bays) and Monitor the Removal Activity/Task from the OneView Enclosure page. *If the removal task fails then we will have to clean the OneView database [dmrm.i3sappliance] and Image Streamer database [i3sappliance. i3sappliance] tables. Delete the respective entries.*
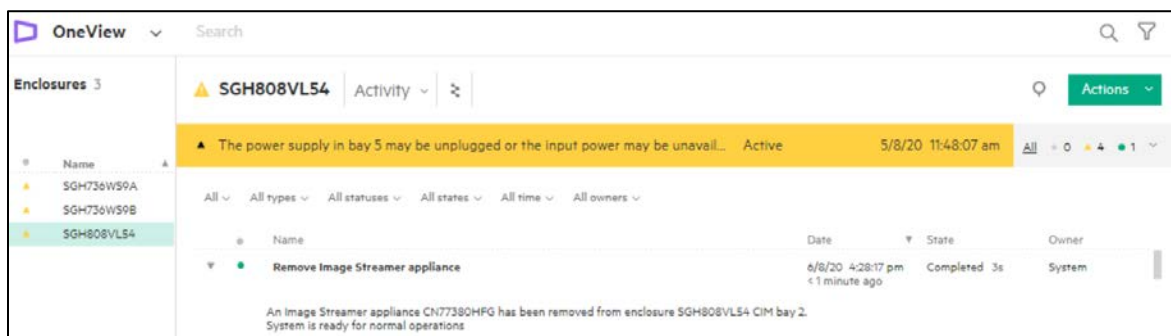
9. Post I3S appliance physical removal check FLM MgmtPortMode is set to "Standby", TaggedVLAN: 4093. Run below commands and verify the FLM MgmtPortMode.
   a. Launch the em_util.py
   b. Select the appropriate enclosure where each Image Streamer resides on.
   c. Run the command: get EnclosureManagerSwitchPorts/122 and get EnclosureManagerSwitchPorts/222.

```
"MgmtPortMode": "Standby",
"MgmtPortPingValidation": {
    "Enabled": false,
    "IpAddress": null,
    "IpAddressType": "None",
    "LastPingSuccessTime": null,
    "RetryCount": 3,
    "RetryIntervalInSec": 60
},
"Name": "Switch Port",
"NativeVLANId": 4093,
"PortEnable": true,
"PortIsolated": true,
"PortNumber": 1,
"PortReceiveLLDP": true,
"PortSendLLDP": true,
"PortType": "Mgmt",
"Status": {
    "Health": "OK",
    "State": "Enabled"
},
"TaggedVLANs": [
    4093
```

10. Login to OneView Database and make sure Image Streamer table entries are removed.

```
cidb=# select * from dmrm.i3sappliance;
(0 rows)

cidb=# select * from dmrm.dmrm;
(0 rows)

cidb=#
```

11. OneView Go to Networks and Force remove the Image Streamer deployment network.

   Note: Look for a red box with the "force delete" check box

12. OneView Go to Settings and select Address and Identifiers, remove the Image Streamer deployment IP range.
13. Physically Remove the Image Streamer cables connected to FLM, ICM and QSFP transceivers.

Multi LE Setup:
1. Please note in Multi LE setup need to remove I3S intent from secondary pair enclosures before removing the I3S intent from the primary pair.
2. To remove I3S intent for secondary pair need to follow the steps 1 to 6 above.

Scope: The removal process steps are the same across Image Streamer versions [4.0, 4.20, 5.0, 5.20 versions]