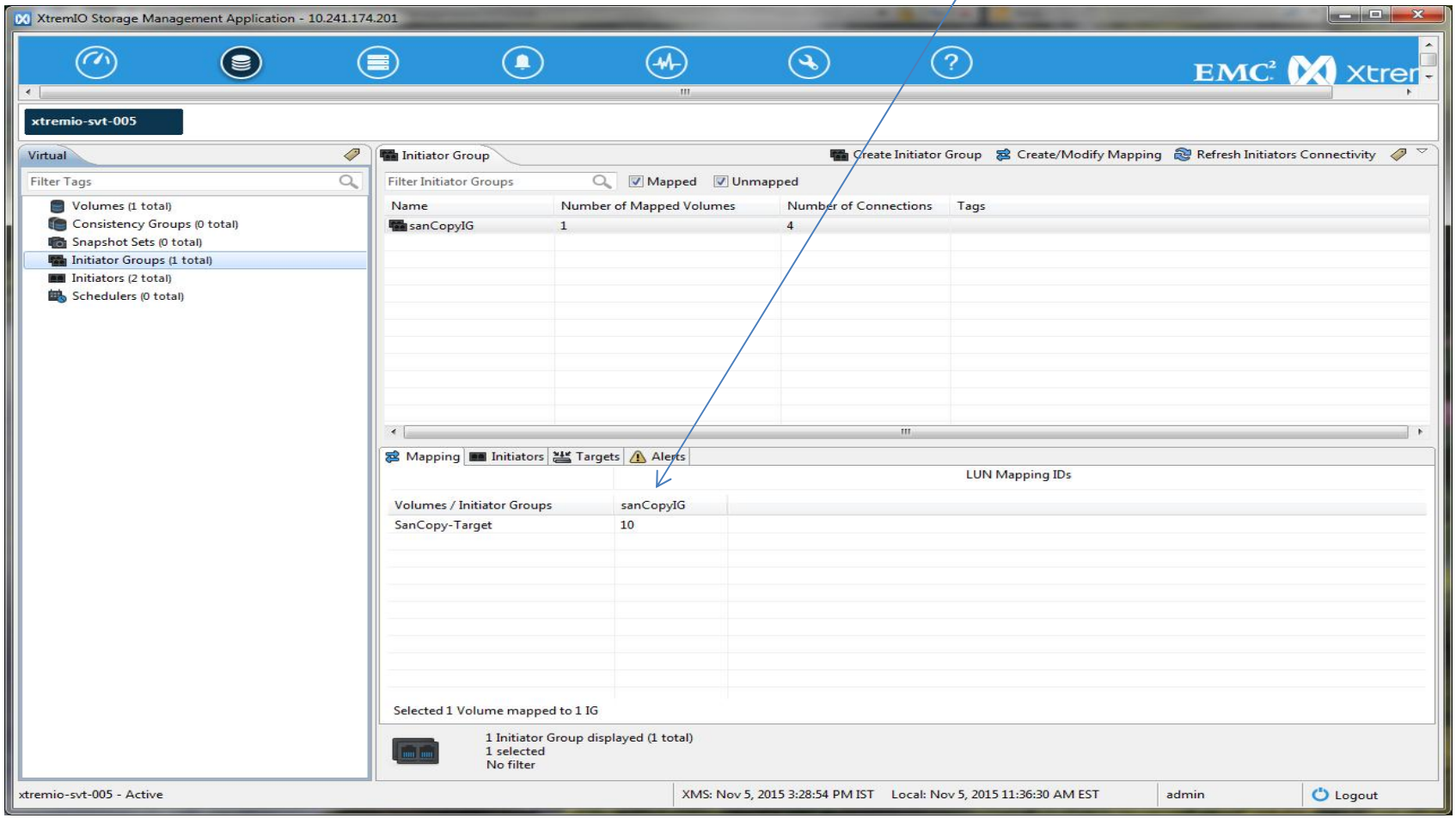
SANCopy from VNX to XtremIO

Zone the VNX SANCopy ports to the XtremIO ports.

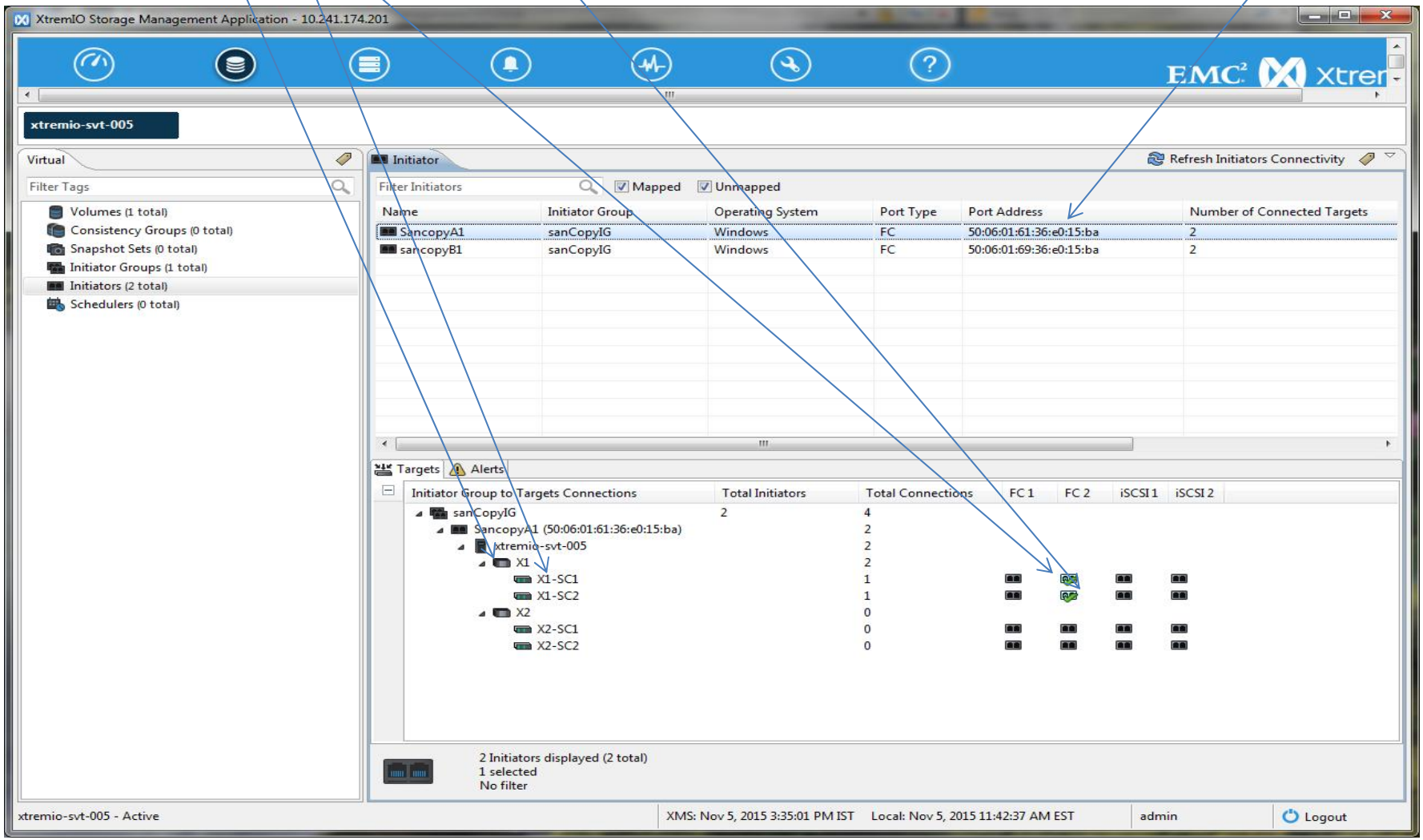
Perform the masking on the XtremIO to present the XtremIO target LUN to the VNX.

Get the LUN number used for the target from the initiator group. In the lab we used 10.

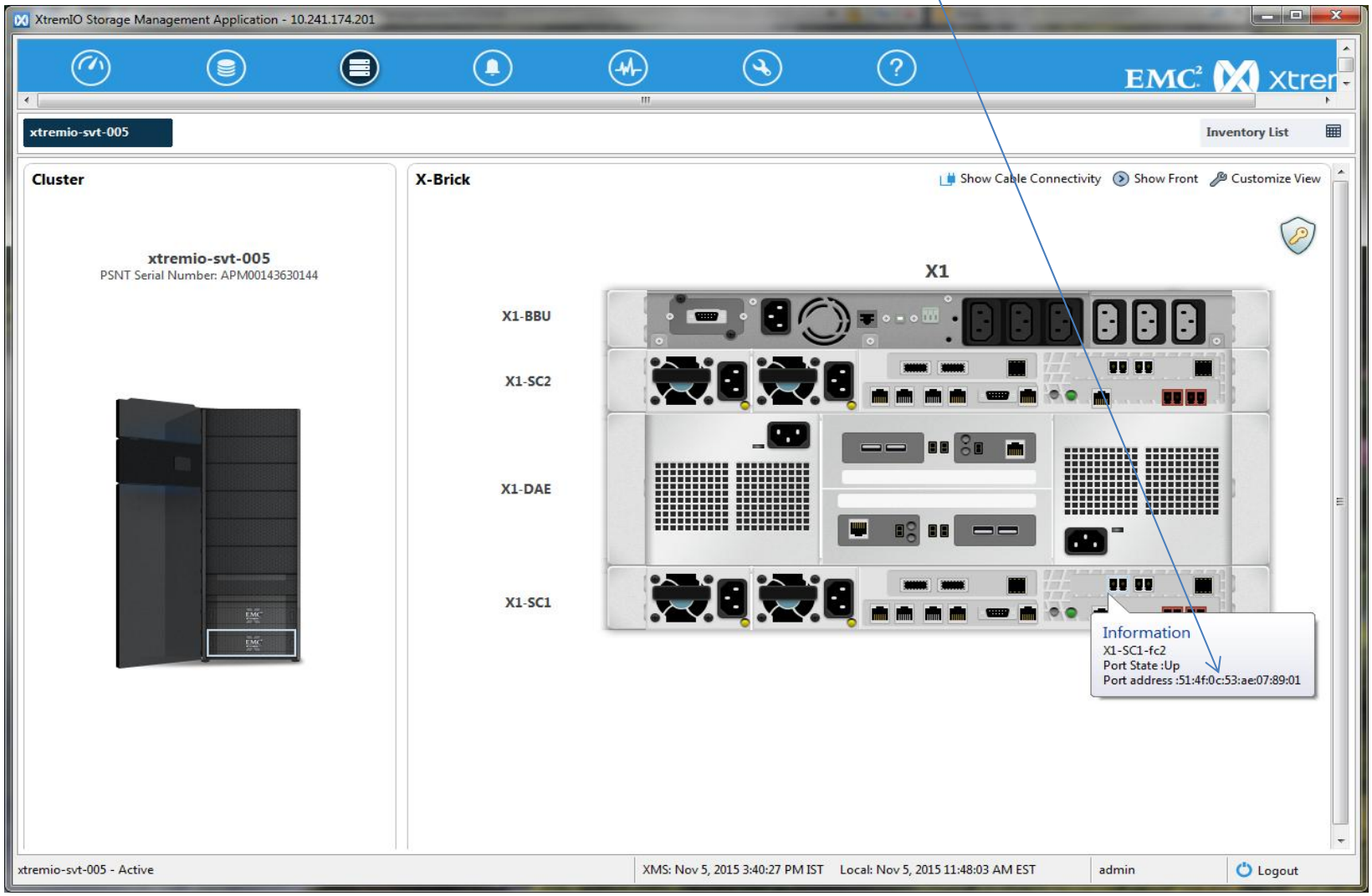


Now you need to know what XtremIO ports the VNX SP ports are zoned to. In the below screen shot you can see that SPA port 1

Is connected to brick X1 X1-SC1 FC 2 and X1 X1-SC2 FC 2



If you go to the view page of the GUI and hover over the port you can get the port WWN.



You can also run “show-targets” to get the port WWNs.

xmcli (tech)> show-targets

Name Index Cluster-Name Index Port-Type Port-Address Mac-Addr Port-Speed Port-State Health-Level Storage-Controller-Name Index TG-Name Index MTU Jumbo-Frames Certainty-State Relative-Id

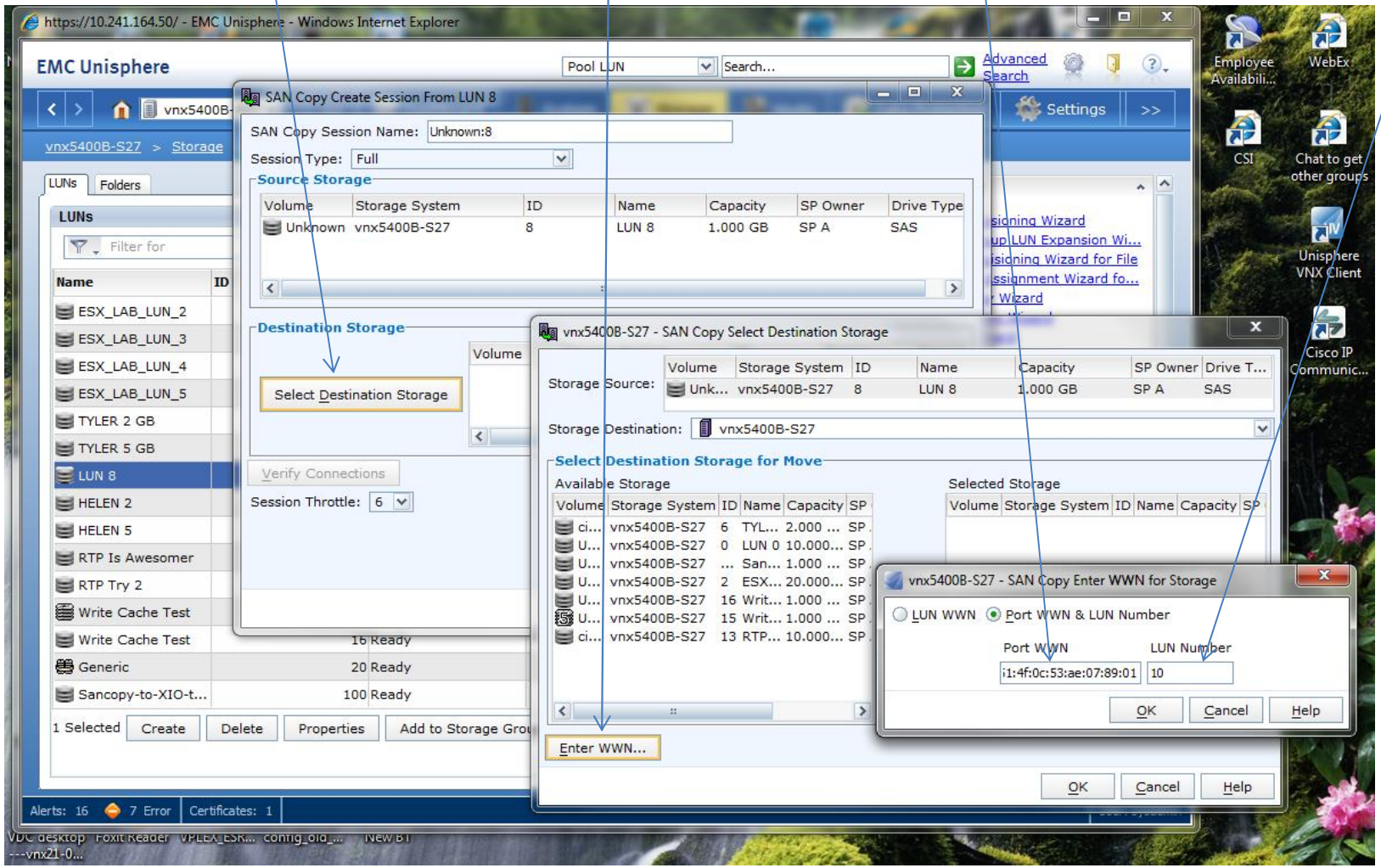
X1-SC1-fc1 1 xtremio-svt-005 1 fc 51:4f:0c:53:ae:07:89:00 8GFC up level_1_clear X1-SC1 1 Default 1 1500 False ok 1

X1-SC1-fc2 2 xtremio-svt-005 1 fc 51:4f:0c:53:ae:07:89:01 8GFC up level_1_clear X1-SC1 1 Default 1 1500 False ok 2

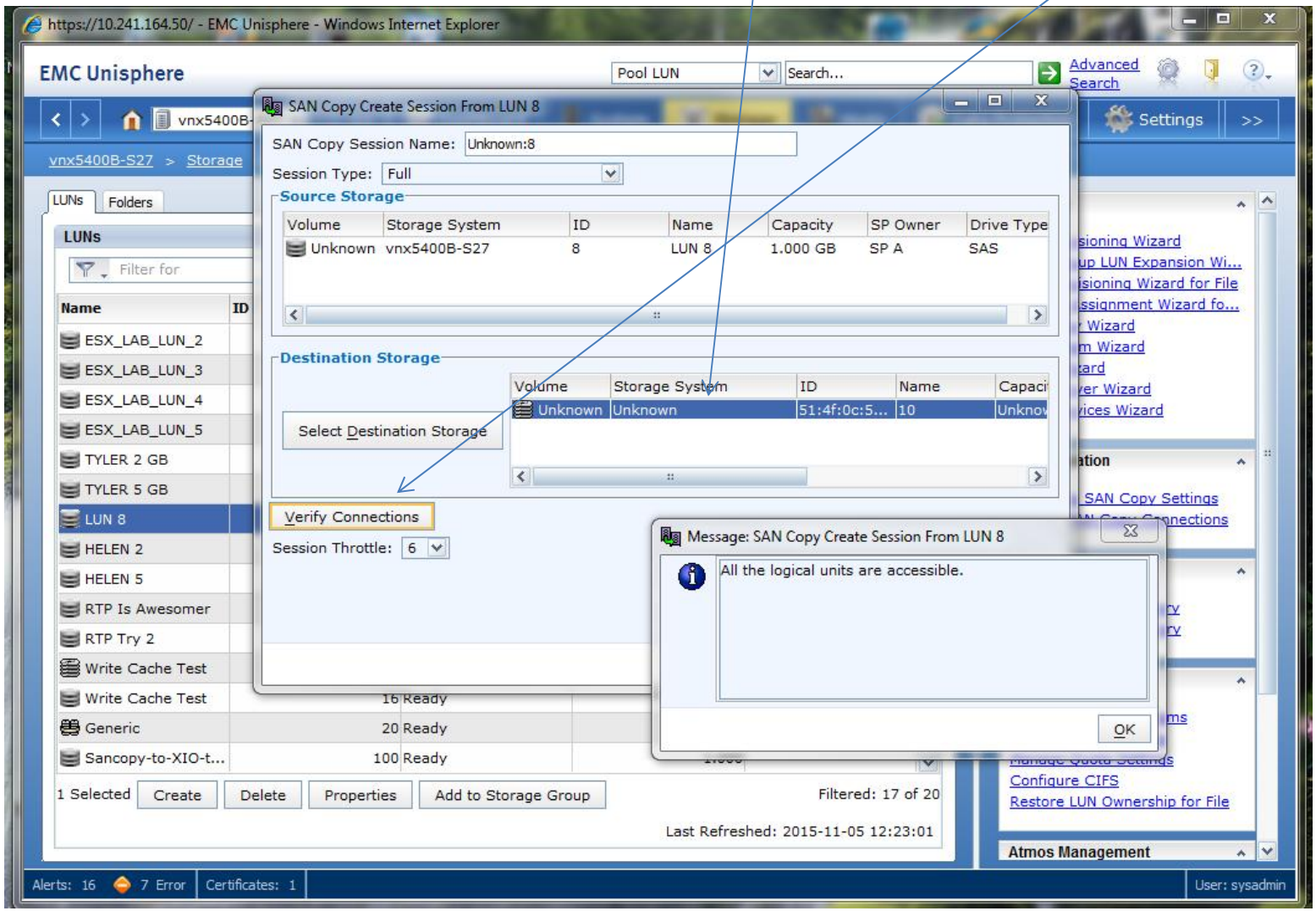
Once you have this info you can create the session VIA the GUI or CLI on the VNX.

In the GUI right click on the source LUN and choose create SANCopy session.

Choose “Select Destination Storage” and then “Enter WWN…” Add the XtremIO “port WWN” that SPA is connected to and the “LUN Number” from the initiator group in XtremIO.



Click all OKs until you get to the main screen and Highlight the “destination storage” and click “Verify Connections”



As you can see above the destination is accessible.

From CLI:

C:\>naviseccli -h <SPA IP Address> -user sysadmin -password sysadmin -scope 0 sancopy -create -name LUN8 -srclun <SPA IP Address> 8 -destportWWN 51:4f:0c:53:ae:07:89:05 10

Make sure that the destination subsystem is running core software that supports SAN Copy on thin luns. Else any Thin LUN used as the destination may become fully allocated.

Make sure that all destination LUNs are not less than the source LUN in size.

Do you want to create a copy descriptor now? (y/n) y

C:\>