Stack Manager Studio Test Plan

CVP 2022.1.0

## Tested Hardware – SE Lab:

7280R3 – dc3-leaf1 EOS 4.27.0F

ethernet 3-48

ethernet 51/1 – 54/1

720XP – dc3-leaf2, dc3-leaf3, dc3-leaf4 EOS 4.27.2F

ethernet 6 -20

7050X3 – dc3-spine1, dc3-spine2 EOS 4.27.0F

ethernet 7/1-32/1

# General Profile Features on Ports:

1. Access Port features

7280R3 – dc3-leaf1

ethernet 3-8

ethernet 51/1 – 52/1

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 6 -8

7050X3 – dc3-spine1, dc3-spine2

ethernet 7/1-8/1

* 1. Port fast and BPDU Guard
  2. VLAN ID in profile 101
  3. VLAN ID not in profile 201
  4. Command line field input
  5. Enable disable
  6. Port Channel

7280R3 – dc3-leaf1

ethernet 9-10

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 9-10

7050X3 – dc3-spine1, dc3-spine2

ethernet 9/1-10/1

* + 1. LACP
    2. MLAG
    3. VLAN ID in profile 102
    4. VLAN ID not in profile 201
    5. Enable disable

1. Routed Port features
   1. Whole Port

7280R3 – dc3-leaf1

ethernet 11 routed w IP in profile

ethernet 12 routed w IP in interface config

ethernet 13 routed w IP in interface config in VRF

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 11 routed w IP in profile

ethernet 12 routed w IP in interface config

ethernet 13 routed w IP in interface config in VRF

7050X3 – dc3-spine1, dc3-spine2

ethernet 11/1 routed w IP in profile

ethernet 12/1 routed w IP in interface config

ethernet 13/1 routed w IP in interface config in VRF

* + 1. IP address in profile
    2. IP address not in profile
    3. V IP address in profile (not valid so should not get configured)
    4. MTU
    5. RPF
    6. VRF
    7. Command line field input
    8. Enable disable
  1. Subinterface

7280R3 – dc3-leaf1

ethernet 14.301 routed w IP in profile

ethernet 14.302 routed w IP in interface config

ethernet 15.302 routed w IP in interface config in VRF

ethernet 53/1.501 routed w IP in profile

ethernet 53/1.502 routed w IP in interface config

ethernet 53/1.503 routed w IP in interface config in VRF

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 14.401 routed w IP in profile

ethernet 14.401 routed w IP in interface config

ethernet 14.403 routed w IP in interface config in VRF

7050X3 – dc3-spine1, dc3-spine2

ethernet 14/1.304 routed w IP in profile

ethernet 14/1.305 routed w IP in interface config

ethernet 14/1.306 routed w IP in interface config in VRF

* + 1. IP address in profile
    2. IP address not in profile
    3. V IP address I profile (not valid so should not get configured)
    4. MTU
    5. RPF
    6. VRF
    7. Command line field input
    8. Enable disable
  1. Port Channel Whole Port

7280R3 – dc3-leaf1

ethernet 16 routed w IP in profile

ethernet 17 routed w IP in interface config

ethernet 18 routed w IP in interface config in VRF

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 16 routed w IP in profile

ethernet 17 routed w IP in interface config

ethernet 18 routed w IP in interface config in VRF

7050X3 – dc3-spine1, dc3-spine2

ethernet 15/1 routed w IP in profile

ethernet 16/1 routed w IP in interface config

ethernet 17/1 routed w IP in interface config in VRF

* + 1. IP address in profile
    2. IP address not in profile
    3. RPF
    4. Commands line field input
    5. Enable disable
  1. Port Channel Subinterfaces

7280R3 – dc3-leaf1

ethernet 19.701 routed w IP in profile

ethernet 19.702 routed w IP in interface config

ethernet 19.703 routed w IP in interface config in VRF

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 19.701 routed w IP in profile

ethernet 19.702 routed w IP in interface config

ethernet 19.703 routed w IP in interface config in VRF

7050X3 – dc3-spine1, dc3-spine2

ethernet 18/1.701 routed w IP in profile

ethernet 18/1.702 routed w IP in interface config

ethernet 18/1.703 routed w IP in interface config in VRF

* + 1. IP address in profile
    2. IP address not in profile
    3. RPF
    4. Commands line field input
    5. Enable disable

1. Trunk Port features

7280R3 – dc3-leaf1

ethernet 21-24

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 21-24

7050X3 – dc3-spine1, dc3-spine2

ethernet 20/1-24/1

* 1. Allowed VLANs
  2. Native VLAN
  3. Port Channel

7280R3 – dc3-leaf1

ethernet 25-29

ethernet 54/1

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 18-19

7050X3 – dc3-spine1, dc3-spine2

ethernet 25/1-29/1

* + 1. LACP
    2. MLAG
  1. Command line field input
  2. Enable disable

1. Phone Port features

7280R3 – dc3-leaf1

ethernet 30-48

720XP (POE) – dc3-leaf2, dc3-leaf3, dc3-leaf4

ethernet 20-24

7050X3 – dc3-spine1, dc3-spine2

ethernet 30/1-32/1

* 1. Phone VLAN
     1. Tagged
     2. Untagged
  2. Command line field input
  3. Enable Disable

1. Multi Site Test
   1. Each of the port type tests above were done as a different site

## Topology

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated