###### Create a COS to frame map

***Objective:***

Objective is to verify creation of COS to frame maps.

In this section, following the steps will configure the parts of the picture highlighted in red.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A picture containing shape  Description automatically generated A picture containing shape  Description automatically generated  Chart  Description automatically generated Chart  Description automatically generated  PCP COS Color COS Color PCP  Forwarding Domain FD1  Flow Point Flow Point  FP1 FP2 | | | | |
|  | Port 1 |  | Port 2 |  |

***Procedure:***

* Go to the configuration
  + config
* Enter the following command

cos-to-frame-maps cos-to-frame-map CTF1 map-entry 0 green pcp 1 dei disabled cos-to-frame-maps cos-to-frame-map CTF1 map-entry 0 yellow pcp 1 dei enabled cos-to-frame-maps cos-to-frame-map CTF1 map-entry 8 green pcp 2 dei disabled cos-to-frame-maps cos-to-frame-map CTF1 map-entry 8 yellow pcp 2 dei enabled cos-to-frame-maps cos-to-frame-map CTF1 map-entry 16 green pcp 3 dei disabled cos-to-frame-maps cos-to-frame-map CTF1 map-entry 16 yellow pcp 3 dei enabled

* Go back out of configuration terminal

# exit

* Check if the COS to frame map is created:
  + show cos-to-frame-maps

You should see something like the following:

+ CoS To Frame Map +

| Name |

+ +

| default-c2f |

| CTF1 |

+ +

* Then check
  + show cos-to-frame-maps cos-to-frame-map CTF1

You should see something like the following:

+---- CoS To Frame Map ---+

| KEY | VALUE |

+ + +

| Name | CTF1 |

| Map Entry | |

| Key: CoS | 0 |

| Key: Color | green |

| Pcp | 1 |

| Dei | disabled |

| | |

| Key: CoS | 0 |

| Key: Color | yellow |

| Pcp | 1 |

| Dei | enabled |

| | |

| Key: CoS | 8 |

| Key: Color | green |

| Pcp | 2 |

| Dei | disabled |

| | |

| Key: CoS | 8 |

| Key: Color | yellow |

| Pcp | 2 |

| Dei | enabled |

| | |

| Key: CoS | 16 |

| Key: Color | green |

| Pcp | 3 |

| Dei | disabled |

| | |

| Key: CoS | 16 |

| Key: Color | yellow |

| Pcp | 3 |

| Dei | enabled |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments