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

***Objective:***

Objective is to verify creation frame to cos maps.

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A picture containing shape  Description automatically generated Shape  Description automatically generated with low confidence  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 terminal
  + config
* Enter the following command

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei0 cos 0 frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei0 color green frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei0 pcp 0

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei0 dei disabled

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei1 cos 0

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei1 color yellow frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei1 pcp 0

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp0Dei1 dei enabled

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei0 cos 8 frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei0 color green frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei0 pcp 1

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei0 dei disabled

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei1 cos 8

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei1 color yellow frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei1 pcp 1

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp1Dei1 dei enabled

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp2Dei0 cos 16 frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp2Dei0 color green frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp2Dei0 pcp 2

frame-to-cos-maps frame-to-cos-map FTC1 map-entry FtcPcp2Dei0 dei disabled

* Go back out of configuration terminal

# exit

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

You should see something like the following:

+ Frame To Cos Map +

| Name |

+ +

| default-f2c |

| FTC1 |

+ +

Then enter

* + show frame-to-cos-maps frame-to-cos-map FTC1

You should see something like the following:

+------- Frame To Cos Map +

| KEY | VALUE |

+ + +

| Name | FTC1 |

| Map Entry | |

| Name | FtcPcp0Dei0 |

| Pcp | 0 |

| Dei | disabled |

| Payload: CoS | 0 |

| Payload: Color | green |

| | |

| Name | FtcPcp0Dei1 |

| Pcp | 0 |

| Dei | enabled |

| Payload: CoS | 0 |

| Payload: Color | yellow |

| | |

| Name | FtcPcp1Dei0 |

| Pcp | 1 |

| Dei | disabled |

| Payload: CoS | 8 |

| Payload: Color | green |

| | |

| Name | FtcPcp1Dei1 |

| Pcp | 1 |

| Dei | enabled |

| Payload: CoS | 8 |

| Payload: Color | yellow |

| | |

| Name | FtcPcp2Dei0 |

| Pcp | 2 |

| Dei | disabled |

| Payload: CoS | 16 |

| Payload: Color | green |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments