###### Configure a FlexE Client Port

***Objective:*** The objective of this test is to configure a 25GE L1 flexE client port.

***Topology:***

A screenshot of a computer

Description automatically generated with medium confidence

***Procedure:***

1. Set the client port (port 1) to 25GE, remove the default remote flow point, remove the port binding and set the port to L1 cross connect mode. The user can enable or disable RS-FEC as required.

oc-if:interfaces interface 1 config port-speed 25Gb

oc-if:interfaces interface 1 config forward-error-correction disabled no fps fp remote-fp1

no logical-ports logical-port 1 binding

oc-if:interfaces interface 1 config ettp-mode l1-cross-connect

***Expected Results:***

Port 1 should be configured as a FlexE client and set to layer 1 cross connect mode.

5164> show ettps ettp 1

+ ETTP +

| KEY | VALUE |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + |  | + |  | + |
| | | Name | | | 1 | | |
| | | Description | | | 1 | | |
| | | Type | | | ettp | | |
| | | Admin Status | | | True | | |
| | | Mode | | | auto | | |
| | | Link Flap Detect | | | False | | |
| | | Link Flap Count | | | 5 | | |
| | | Link Flap Detect Time | | | 10 | | |
| | | Link Flap Hold Time | | | 300 | | |
| | | Duplex | | | full | | |
| | | Port Speed | | | 25Gb | | |
| | | Flow Control | | | off | | |
| | | Auto Negotiation | | | False | | |
| | | Forward Error Correction | | | disabled | | |
| | | PTP Id | | | 1 | | |
| | | ETTP Mode | | | l1-cross-connect | | |

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Test Case Results:

Passed: Yes No Verified by Date/Time Comments