###### Create a FlexE Cross Connect

***Objective:***

The objective of this test is to create a FlexE cross connect.

***Topology:***

A screenshot of a computer

Description automatically generated with medium confidence

***Procedure:***

Create a channel MAC termination point and then cross connect the channel MAC termination point with the FlexE client port.

* + - 1. Create a MAC termination point on the 25G FlexE channel.

oc-if:interfaces interface macEttp1 config name macEttp1 type ettp ettp-mode flexe-mac oc-if:interfaces interface macEttp1 config name macEttp1 flexe-channel channel-1

* + - 1. Cross connect the FlexE channel with the FlexE client port.

flexe-cross-connects flexe-cross-connect fxc-1 ettp-end-point-a macEttp1 ettp-end-point- b 1

***Expected Results:***

The cross connect should have been created successfully.

5164> show ettps ettp macEttp1

+ ETTP +

| KEY | VALUE |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + |  | + |  | + |
| | | Name | | | macEttp1 | | |
| | | 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 |

| Forward Error Correction | auto |

| ETTP Mode | flexe-mac |

| FlexE Channel ID | channel-1 |

+ + +

5164> show flexe-cross-connects

+ FLEXE-CROSS-CONNECTS +

| Flexe-Cross-Connect | End-Point-A | End-Point-B |

+ + + +

| fxc-1 | Ettp: macEttp1 | Ettp: 1 |

+ + + +

5164> show flexe-cross-connects flexe-cross-connect fxc-1

+----- FLEXE-CROSS-CONNECTS +

| Key | Value |

+ + +

| Flexe-Cross-Connect | fxc-1 |

| Ettp-End-Point-A | macEttp1 |

| Ettp-End-Point-B | 1 |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments