###### Configure FlexE Network Port

***Objective:***

The objective of this test is to configure FlexE network ports.

***Topology:***

A screenshot of a computer

Description automatically generated with medium confidence

***Procedure:***

The user sets NNI ports to FlexE mode.

1. Configure NNI ports for FlexE mode. In the example below ports 33 and 34 are configured as FlexE NNI ports. Port binding is removed and the port is set to FlexE.

no fps fp remote-fp33

no logical-ports logical-port 33 binding

no oc-if:interfaces interface 33 config ptp-id

flexe-ports flexe-port flexe-port1 ptp-id 33 port-speed 100Gb no fps fp remote-fp34

no logical-ports logical-port 34 binding

no oc-if:interfaces interface 34 config ptp-id

flexe-ports flexe-port flexe-port2 ptp-id 34 port-speed 100Gb

***Expected Results:***

NNI ports are set to FlexE mode.

5164> show flexe-ports flexe-port flexe-port1

+ FLEXE PORT +

| Key | Value |

+ + +

| FlexE Port | flexe-port1 |

| Admin State | enabled |

| PTP ID | 33 |

| Port Speed | 100Gb |

| Forward Error Correction | auto |

+ + +

+--- FLEXE PORT STATUS +

| Key | Value |

+ + +

| FlexE Port | flexe-port1 |

| Oper State | disabled |

+ + +

5164> show flexe-ports flexe-port flexe-port2

+ FLEXE PORT +

| Key | Value |

+ + +

| FlexE Port | flexe-port2 |

| Admin State | enabled |

| PTP ID | 34 |

| Port Speed | 100Gb |

| Forward Error Correction | auto |

+ + +

+--- FLEXE PORT STATUS +

| Key | Value |

+ + +

| FlexE Port | flexe-port2 |

| Oper State | disabled |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments