###### Create a FlexE Channel

***Objective:***

The objective of this test is to create a 25G FlexE channel.

***Topology:***

A screenshot of a computer

Description automatically generated with medium confidence

***Procedure:***

Configure a 25 FlexE channel.

* + - 1. Create a FlexE channel by assigning 5G calendar slots equal to the bandwidth required. In the following example we are creating a 25G FlexE channel.

flexe-channels flexe-channel channel-1

channel-number 512 group-name group1

channel-mapping L1-mapped

|  |  |  |
| --- | --- | --- |
| calendar-A-slots-list | 1 | 1 |
| exit |  |  |
| calendar-A-slots-list | 1 | 2 |
| exit |  |  |
| calendar-A-slots-list | 1 | 3 |
| exit |  |  |
| calendar-A-slots-list | 1 | 4 |
| exit |  |  |
| calendar-A-slots-list | 1 | 5 |
| exit |  |  |
| exit |  |  |
| exit  ***Expected Results:*** |  |  |

A 25 GE FlexE channel should have been created.

5164> show flexe-groups flexe-group group1

+ FLEXE GROUPS +

| KEY | VALUE |

+ + +

| FlexE Group | group1 |

| Admin State | enabled |

| Group No. | 1 |

| Calendar Slot Granularity | slot-5G |

| Phy Type | flexe-phy-100GBASE-R |

| Calendar | calendar-A |

| FlexE Phys | |

| Phy No. In Grp | 1 |

| Local Interface | flexe-port1 |

| | |

| Phy No. In Grp | 2 |

| Local Interface | flexe-port2 |

+ + +

Test Case Results:

Passed: Yes No Verified by Date/Time Comments