OIF FlexE Live Interoperability Demo
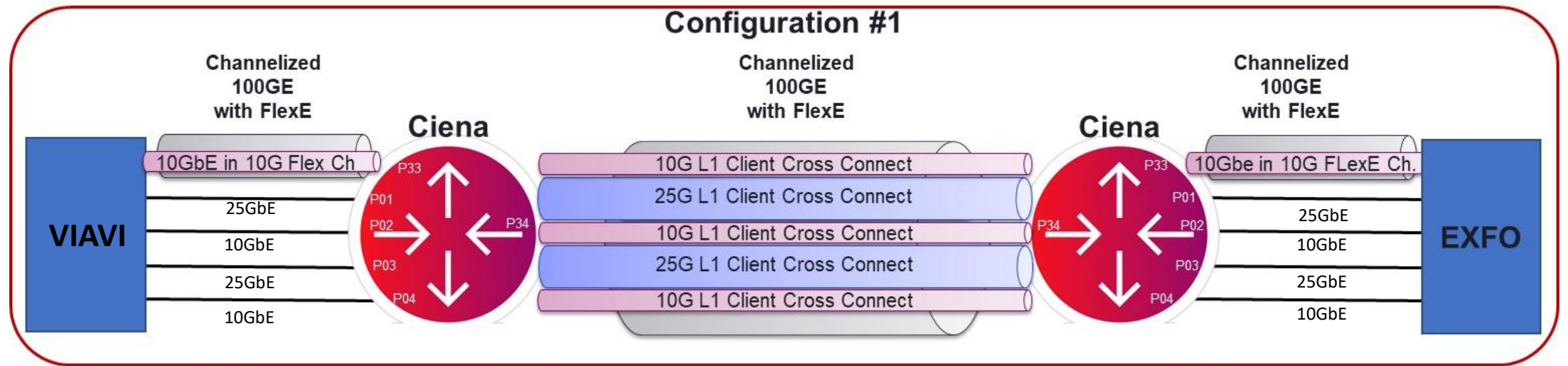
OFC 2022
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FlexE Motivations

- Decouple Ethernet and Transport optics rates
  - Router-to-Transport handoff with slower grey optics
  - Match MAC rate to Modem rate

- Reuse of transport gear to get fatter packet pipes
  - Eliminate the 20+% LAG inefficency

- Channelization
  - Multiplex low-speed Ethernet links over higher-speed PHYs
  - Router-to-transport handoff
  - Network slicing

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FlexE Overview

FlexE is an interface technology that provides channelization, bonding, and subrate features to connect one or more Ethernet MACs using standard Ethernet PMDs between Ethernet equipment either directly or through transport gear.

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Demo Setup

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FlexE Demo – Participating Members

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