Service Interface Discussion

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10G Service Interfaces

- PCS
- 16-bit wide
- FEC/WIS
- 16-bit wide
- PMA
- 1-bit wide
- PMD
40G/100G Service Interfaces

- PCS
  - 1-bit wide (x lanes)

- FEC
  - 1-bit wide (y lanes)

- PMA
  - 1-bit wide (z lanes)

- PMD

• Why not use the wider data-groups?
40G/100G Service Interface Option 1

- Preserves FEC service interfaces
- Implies carry over from 10G
40G/100G Service Interface Option 2

- Simplifies movement of data