

Speed & Cost Matter

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Roadmap Alignment Needed to Achieve TCO Goals DC Network Infrastructure

ASIC BW and Port Speed



Hardware Defined Performance



DC Interconnect Speeds/ Transceivers



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Single Lane .. Less Complexity (and Lower Cost) The 40G QSFP BiDi Optics Example



Single Lane .. Less Complexity (and Lower Cost) The 25G Server Access Example



Single Lane .. Less Complexity (and Lower Cost) The 100G Switch Link Example



Single Lane .. Less Complexity (and Lower Cost) 50G Server Access?



The Story So Far...



Polishing Off the Crystal Ball...





- Bandwidth will be used
- Higher cost sensitivity & shorter investment cycles at the edge
- Backward compatibility will de-couple investment cycles for server/ TOR & aggregation switching

