

Under Embargo

Confidential Until 6am PDT, March 6 2018



Safe Harbor Statement

This presentation contains forward-looking statements (including within the meaning of Section 21E of the United States Securities Exchange Act of 1934, as amended, and Section 27A of the United States Securities Act of 1933, as amended) concerning Broadcom Limited ("Broadcom" or the "Company"). These statements include, but are not limited to, statements about historical results that may suggest trends for our business and other statements identified by words such as "will", "expect", "intends", "believe", "anticipate", "estimate", "should", "intend", "plan", "potential", "predict" "project", "aim", and similar words, phrases or expressions. These forward-looking statements are based on current expectations and beliefs of the management of Broadcom, as well as assumptions made by, and information currently available to, such management, current market trends and market conditions and involve risks and uncertainties, many of which are outside the Company's and management's control, and which may cause actual results to differ materially from those contained in forward-looking statements. Accordingly, you should not place undue reliance on such statements.

Particular uncertainties that could materially affect future results include risks associated with any acquisitions we may make, such as delays, challenges and expenses associated with integrating acquired companies with our existing businesses and our ability to achieve the benefits, growth prospects and synergies expected from such acquisitions, including our pending acquisition of Brocade Communications Systems, Inc.; our dependence on outsourced service providers for certain key business services and their ability to execute to our requirement, any loss of our significant customers and fluctuations in the timing and volume of significant customer demand; our dependence on contract manufacturers and outsourced supply chain; our ability to accurately estimate customers' demand and adjust our manufacturing and supply chain accordingly; our significant indebtedness, including the need to generate sufficient cashflows to service and repay such debt; increased dependence on a small number of markets; quarterly and annual fluctuations in operating results; cyclicality in the semiconductor industry or in our target markets; global economic conditions and concerns; our competitive performance and ability to continue achieving design wins with our customers, as well as the timing of those design wins; rates of growth in our target markets; prolonged disruptions of our or our contract manufacturers' manufacturing facilities or other significant operations; our dependence on outsourced service providers for certain key business services and their ability to execute to our requirements; our ability to maintain tax concessions in certain jurisdictions; our ability to protect our intellectual property and the unpredictability of any associated litigation expenses; any expenses or reputational damage associated with resolving customer product and warranty and indemnification claims; dependence on and risks associated with distributors of our products; our ability to sell to new types of customers and to keep pace with tech

Our filings with the Securities and Exchange Commission ("SEC"), which you may obtain for free at the SEC's website at http://www.sec.gov, discuss some of the important risk factors that may affect our business, results of operations and financial condition. We undertake no intent or obligation to publicly update or revise any of these forward looking statements, whether as a result of new information, future events or otherwise, except as required by law.



The Most Powerful, Scalable Switch-Router Silicon on the Planet



Chipset Solution Scaling > 200 Tb/s in a Single Chassis



Elastic Pipe TM Ground Breaking Packet Processor



Distributed and Robust Packet Buffer with Optional HBM Expansion



Redefining Router Economics, Power and Form Factor

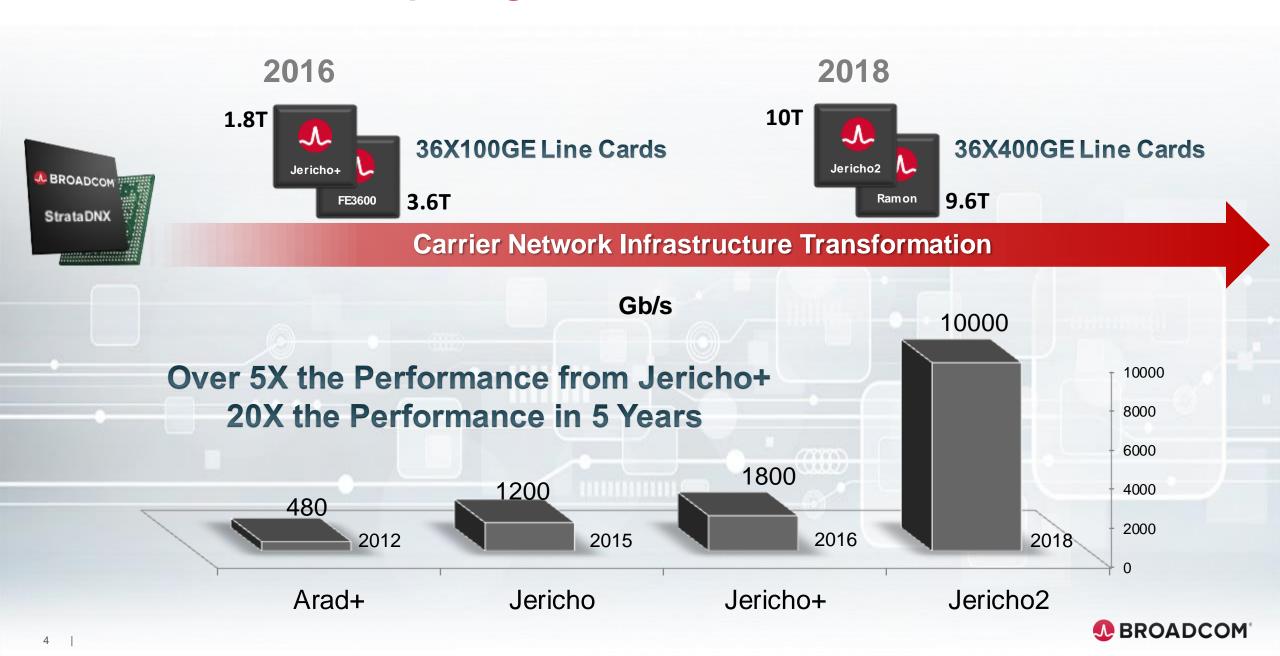




192x 50G SerDes



Merchant Silicon Outpacing Moore's Law



Introducing StrataDNX™ 2018

Switch-Router



- Up to 10Tb/s switching capacity per device
- Elastic Pipe TM
 - Flexible binding of a centralized database to any stage of the pipe
 - Extending Jericho2 pipe via a pool of additional general purpose stages
- 10GE, 25GE, 40GE, 50GE, 100GE, 200GE, 400GE interfaces
- Carrier grade Hierarchical Traffic Manager
- In package, scalable packet buffer memory using HBM
- Over 2M IPv4 on chip (1M IPv6), Over 12M using external memory device

400GE

Now sampling to customers

- Switch fabric supporting up to 9.6Tb/s per device
- Supports over 200Tb/s in a single modular system
- One generation of backward and forward Compatibility
- The most power efficient switch in the Industry
- 50Gb/s PAM-4 SerDes



Interconnect Fabric

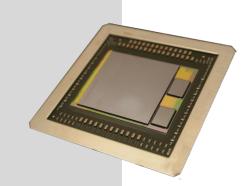


200GE

Jericho 2: Purpose-Built for Next-Gen Routing Requirements

Traffic Management with 8GB of High Bandwidth Memory

- Eliminates packet drops
- In-package, low power and high performance deep packet buffering
- Seamless expansion from on chip buffer to HBM
 - Packet queueing utilizing on-chip buffer
 - Congested flows handled via HBM





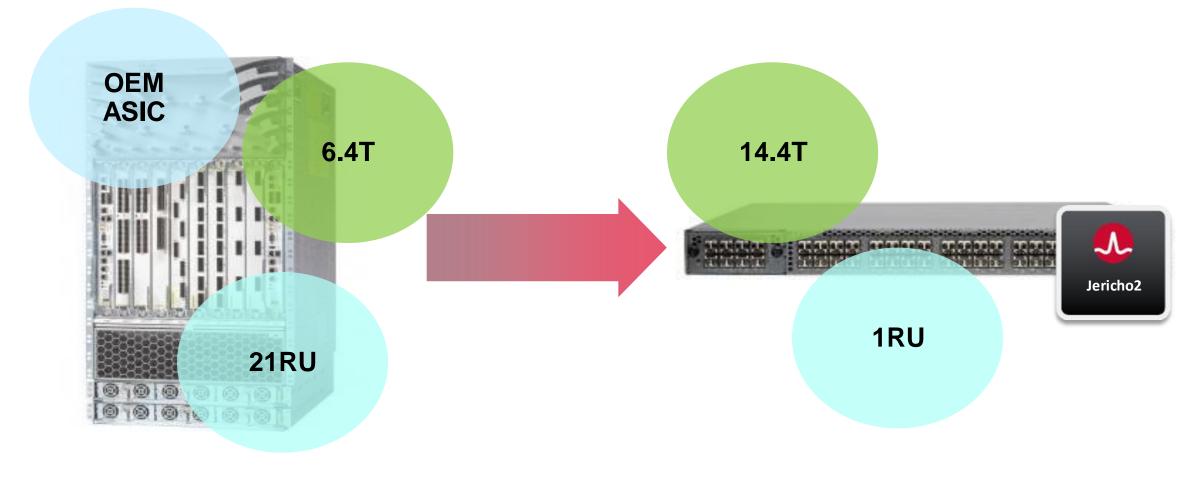
Elastic Pipe™

- Extending Jericho2 pipe via a pool of additional general purpose stages
- Future proof and programmable pipe with elastic extension
- Flexible binding of a centralized database to any stage of the pipe





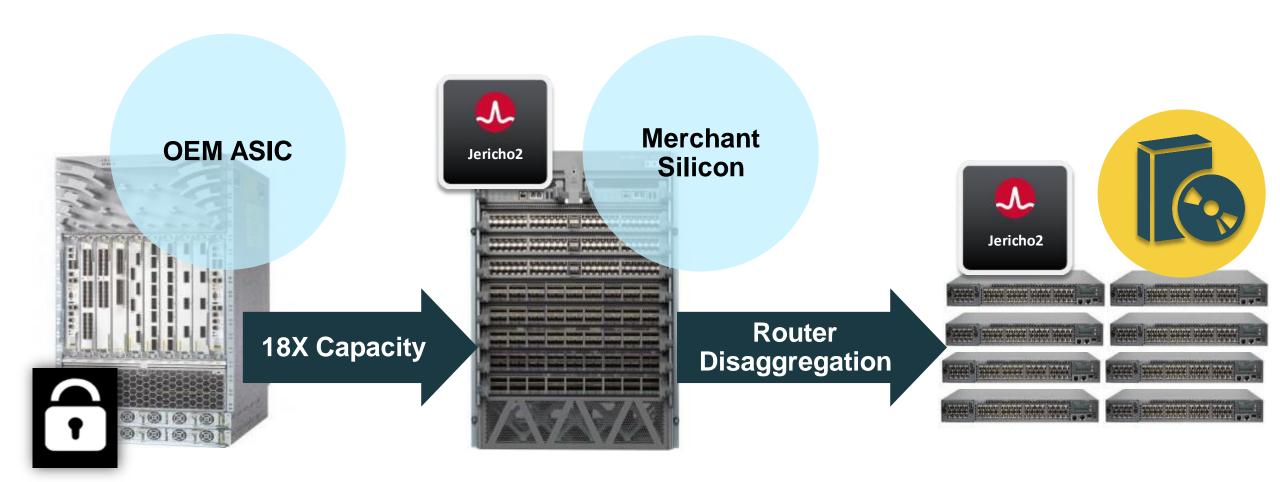
Jericho2: Quantum Leap in Router Power & Cost Efficiency



Redefining Router Economics, Power and Form Factor



Democratizing the Most Complex Area of Networking



Enabling Whitebox and Disaggregated Economics



Jericho2: Unparalleled Router Economics at 100GE/400GE



36x400GE

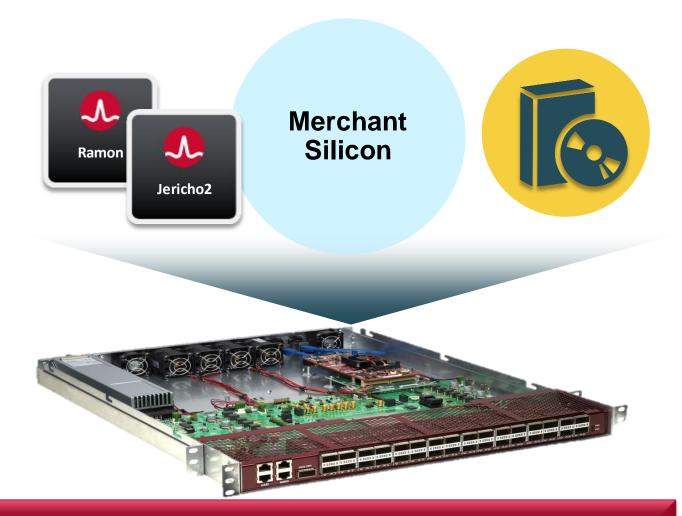
Jericho2/Ramon Based



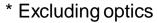
36x400GE

Jericho2/Ramon Based

<\$1K per 400GE
Router Port*</pre>



Jericho2 ODM Router Systems Available Q4 2018 at Market-Disrupting Prices





The Router Merchant Silicon Revolution Has Already Started

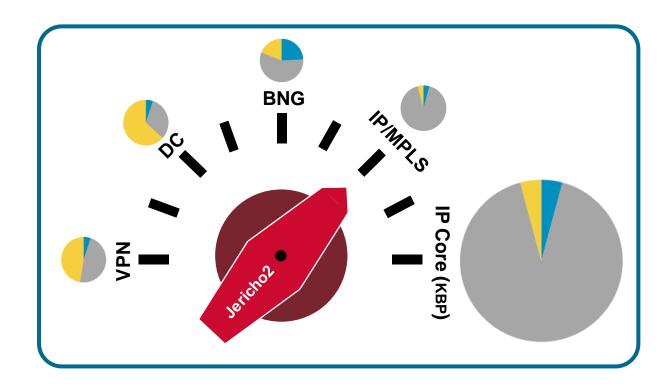


- ✓ IPv6 SR
- √ 400GE SAT
- ✓ VxLAN-EVPN
- ✓ BIER Multicast
- ✓ SAT
- ✓ PBR
- ✓ PIC
- ✓ PPPoE
- ✓ MPLS-SR
- ✓ MPLS-EVPN
- ✓ MCAST SM/SSM
- ✓ Carrier-Grade Statistics
- ✓ Low-Latency Protection
- ✓ Routing in/out of tunnels
- ✓ Expandable ACLs and DBs
- ✓ Hardware Accelerated OAM
- ✓ IPv4/IPv6 complete internet FIB



Elastic Pipe TM, Modular Databases

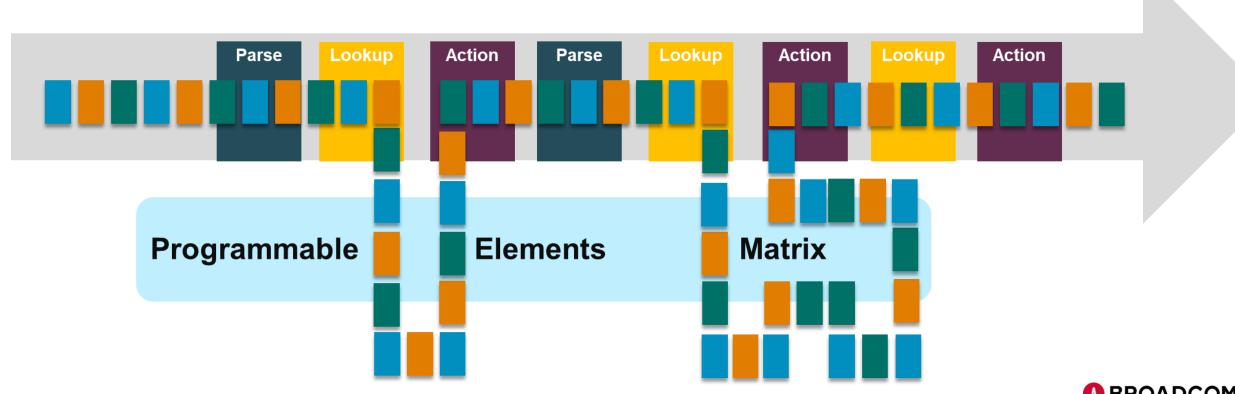
- Different networking segments require different database scales
- Jericho2 adjusts database sizing based on profiles
- Elastic pipeTM enables flexible binding of a centralized database to any pipe stage
- Scale expandable through an external lookup device (KBP)



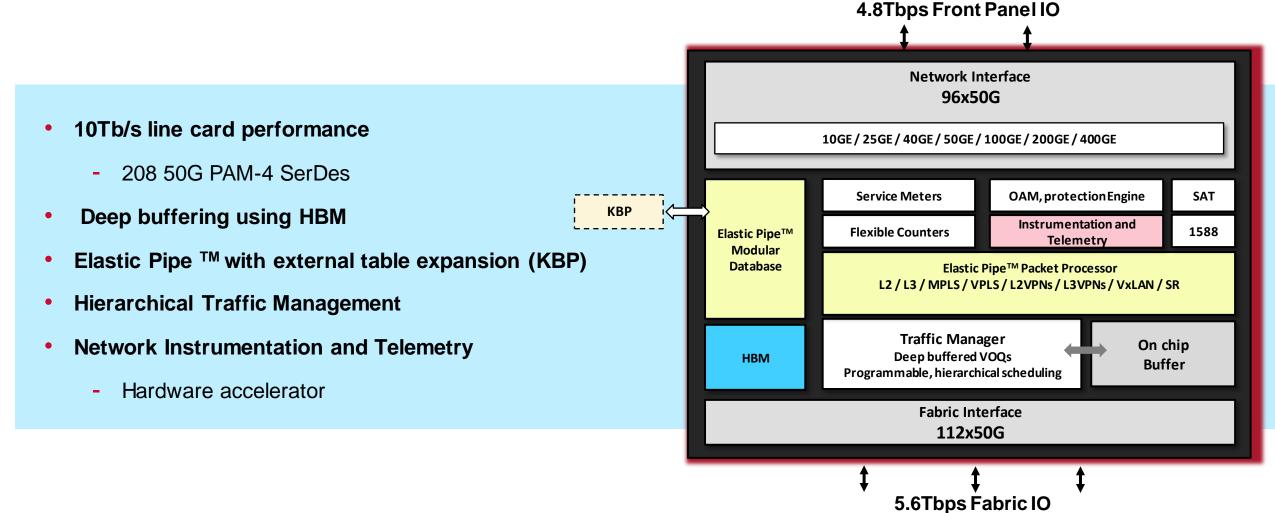


Elastic Pipe TM , Future Proof Switch-Router

- DNX packet processor is composed of programmable pipe stages
- Jericho2 enables pipe extension via a pool of programmable elements
- Elastic pipeTM creating a new pipe by adding stages



BCM88690 DNX "Jericho2"

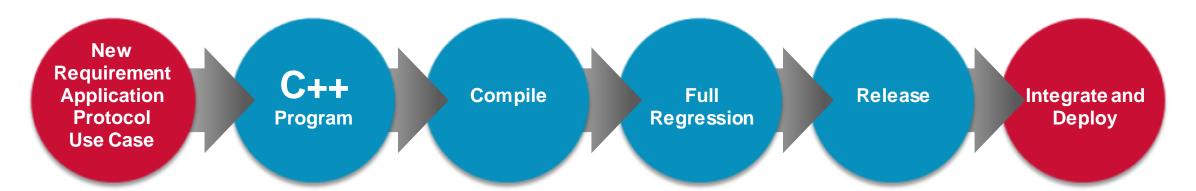


Available Now For Qualified Customers



Jericho2 Programmability

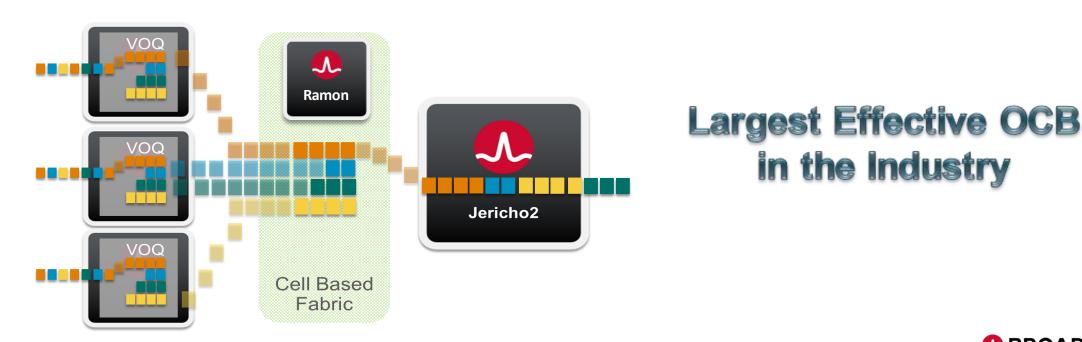
- Jericho2's Elastic Pipe[™] takes programmability a step further
 - Evolution of the StrataDNX field proven programmable pipe
- Addressing ever-changing switch-router requirements
 - allowing OEMs and service providers to protect their investment
- The Elastic Pipe[™] allows a fast turn-around for Protocol upgrades
 - C++ programming and integration into the fully tested Broadcom SDK
- Factory programmable datapath via high-level C++ language
 - C++ development environment for qualified customers





Industry-Best Silicon for Chassis

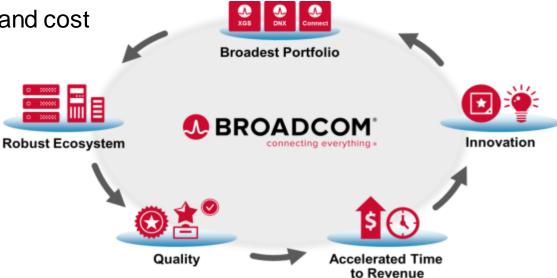
- Incast prevention
 - Credit based virtual output queues
- Easy migration to the next bandwidth standard e.g. 100GE to 400GE
 - Eliminating speed mismatch using cell based fabric
- HBM and OCB only (On Chip Buffer) device flavors





Summary – Jericho2 Excels the Router Checklist

- Large scale, carrier grade, expandable IP-MPLS forwarding
- ✓ High bandwidth, High density
- Hundreds of milliseconds of deep buffering
- ▼ Tens of thousands of subscriber sessions; Scheduling and Policing per session
- Elastic Pipe, delivering Advanced Packet processing, Programmability, and investment protection
- ✓ Carrier Grade Functionality, Diagnostics, OAM, SAT and Instrumentation
- ✓ High integration, changing the router economics for power and cost



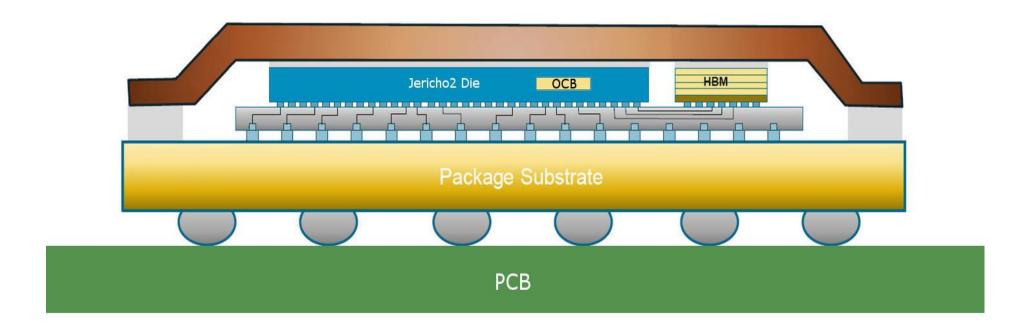






Distributed Buffer Scaling

- Flexible packet buffer behavior. On Chip Buffer and HBM
- Low latency, OCB-based under normal conditions
- Seamless migration to HBM memory for congested flows





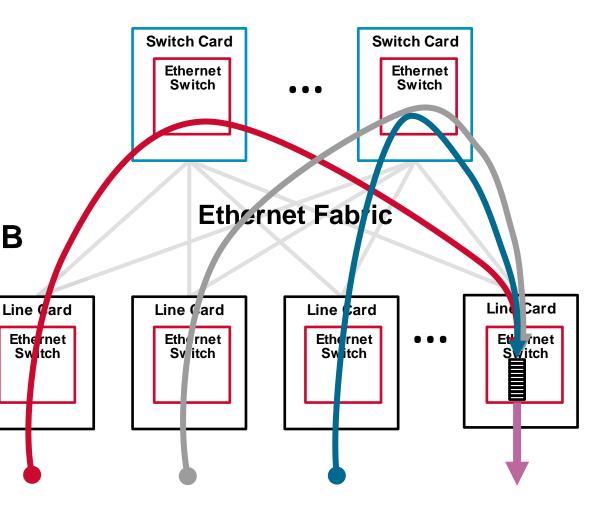
Seamless Packet Buffer Optimization to any Network Scenario

- DBS enables the use of JR2 across various network scenarios
- DBS optimizes flow completion time
 - Memory assignment per VOQ (OCB/HBM)
 - Seamless expansion to HBM and back based on congestion levels No packet drops!
- No packet buffer tuning
- Robust and future proof
 - Ready for future protocols buffering requirements



Ethernet Fabric Drops on Incast

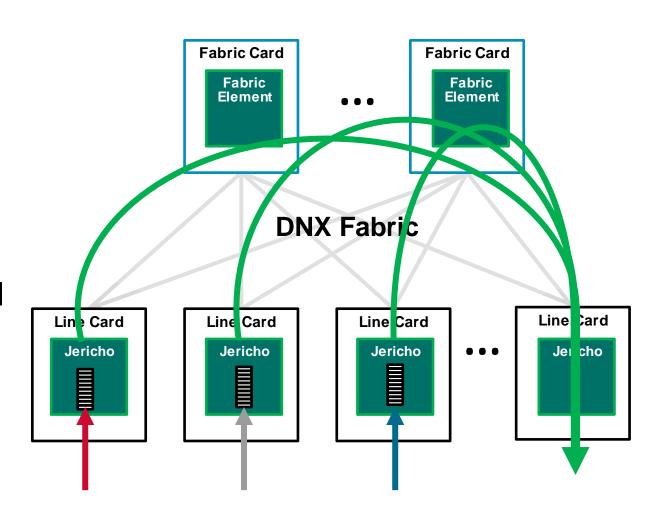
- Ingress traffic pushed to egress
- Egress buffer derives max burst size
- Egress buffer might overflow (drops)
- Effective buffer size is equal to the egress buffer size of the egress chip
- Entire Incast traffic reaches a single OCB





DNX Fabric, Incast Prevention

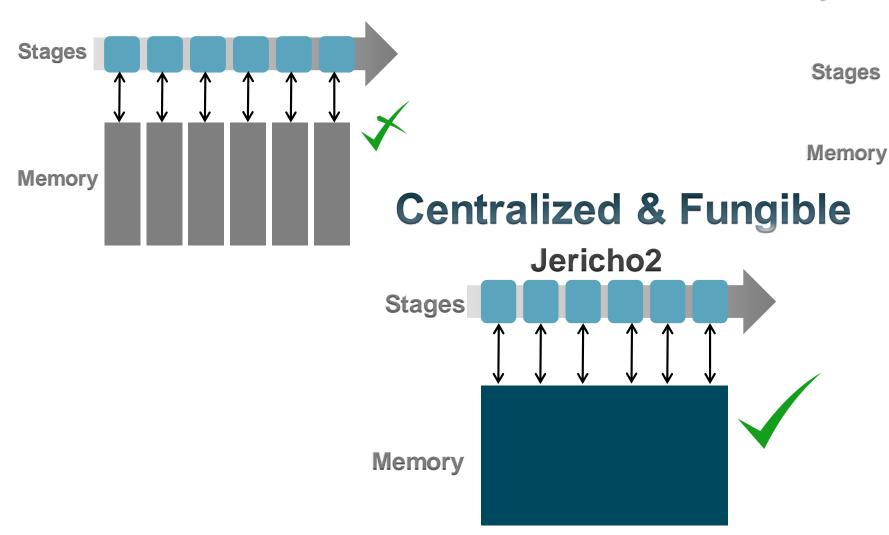
- Ingress traffic stored in VOQ
 - No congestion
- Egress port pulls the stored traffic
- Egress buffer never fills up
- Effective buffer size is equal to the sum of ingress devices VOQs
- Incast traffic distributed between all ingress devices



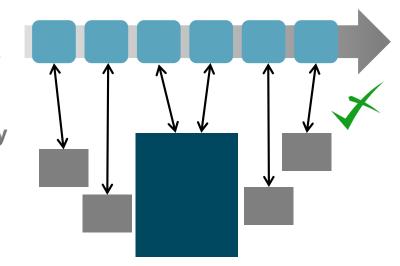


Pipe Architecture Comparison

Not Centralized, Fungible



Partly Fungible, Partly Centralized



Jericho2 Solutions











Top of Rack



DCI



Service Provider





