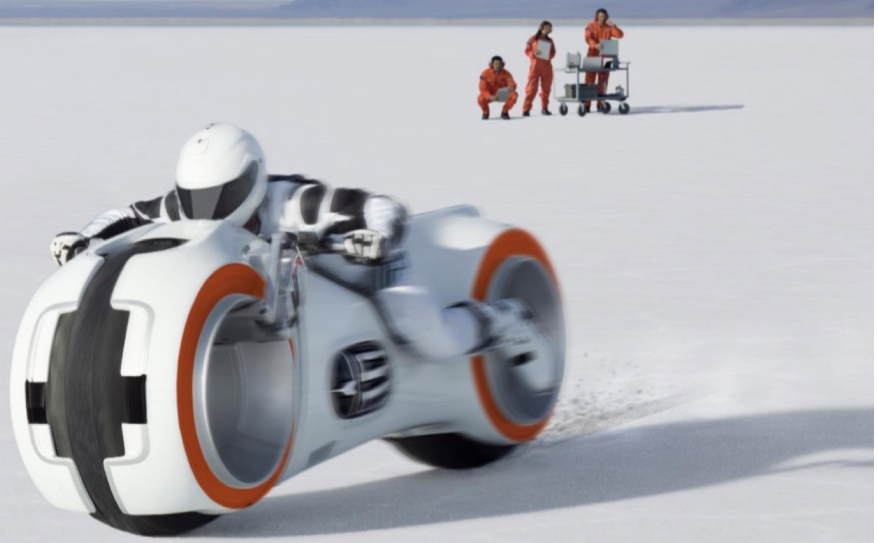
MacStadium Chooses Pure Storage to Improve Infrastructure

Chadd Kenney, VP & Chief Technology Officer, Americas at Pure Storage

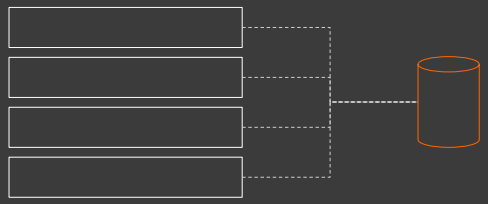
Flash Memory Summit – Wednesday, August 8



PURESTORAGE®

STORAGE HAS LONG BEEN DEFINED BY TWO COMPETING ARCHITECTURES

NETWORKED STORAGE
(SAN / NAS)



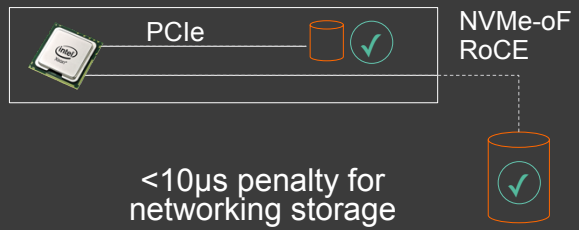
- ✓ SHARED
- ✓ RELIABLE
- ✓ RICH SOFTWARE
- X MIXED PERFORMANCE
- X COMPLEX
- X EXPENSIVE

DIRECT-ATTACHED STORAGE
(DAS)

- ✓ FAST
- ✓ SIMPLE
- ✓ CHEAP
- X UNRELIABLE
- X NO SOFTWARE
- X COMPLEX AT SCALE

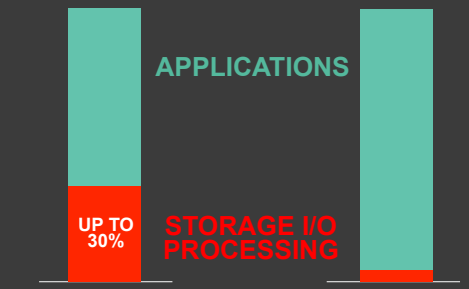
WHY FAST NETWORKS CAN CHANGE EVERYTHING

ELIMINATES THE "OUTSIDE THE BOX" PENALTY



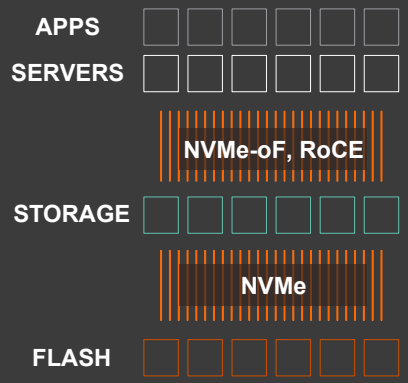
<10µs penalty for networking storage

GETS CPUs TOTALLY FOCUSED ON APPLICATIONS*



*** AND GETS STORAGE ARRAY CPUs TOTALLY FOCUSED ON STORAGE**

MAKES THE ENTIRE ARCHITECTURE PARALLEL



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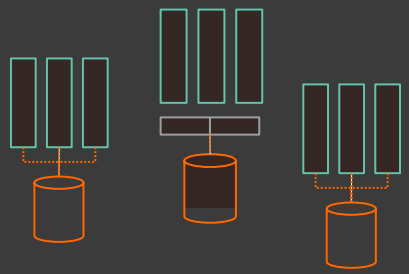
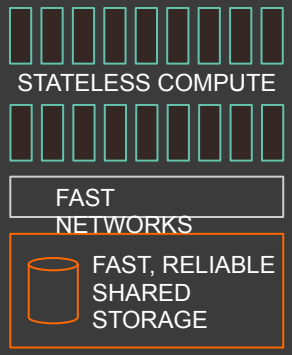
WHAT IF?

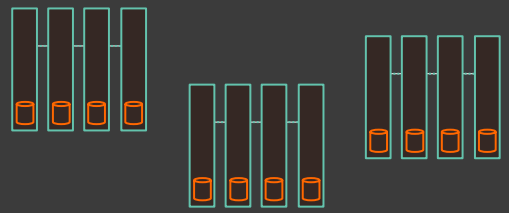
CLASSIC SAN APPS & VIRTUALIZATION



+ DRAMATICALLY FASTER
+ CONSOLIDATE
+ SHARE DATA



SCALE-OUT DAS APPLICATIONS



+ DECOUPLE STORAGE/COMPUTE
+ MAINTAIN PERFORMANCE
+ EFFICIENCY

< DATA-CENTRIC ARCHITECTURE >

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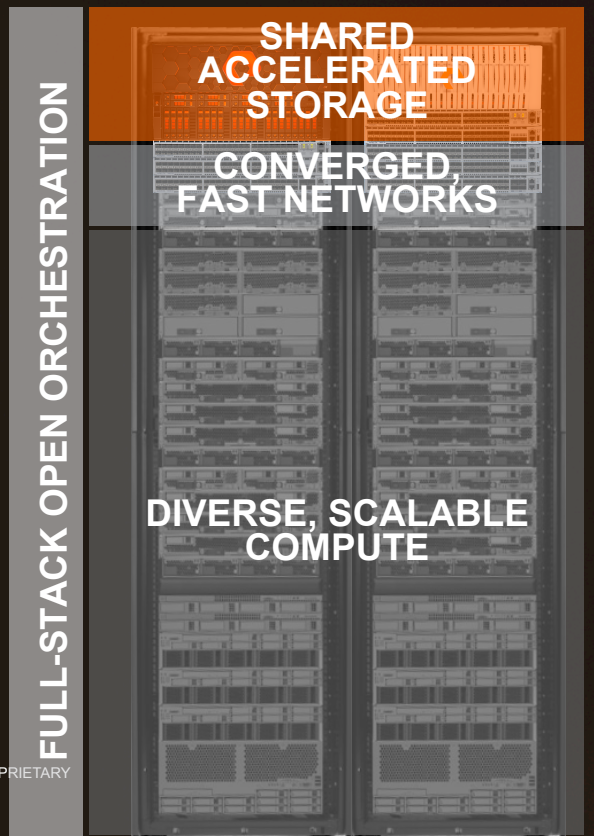
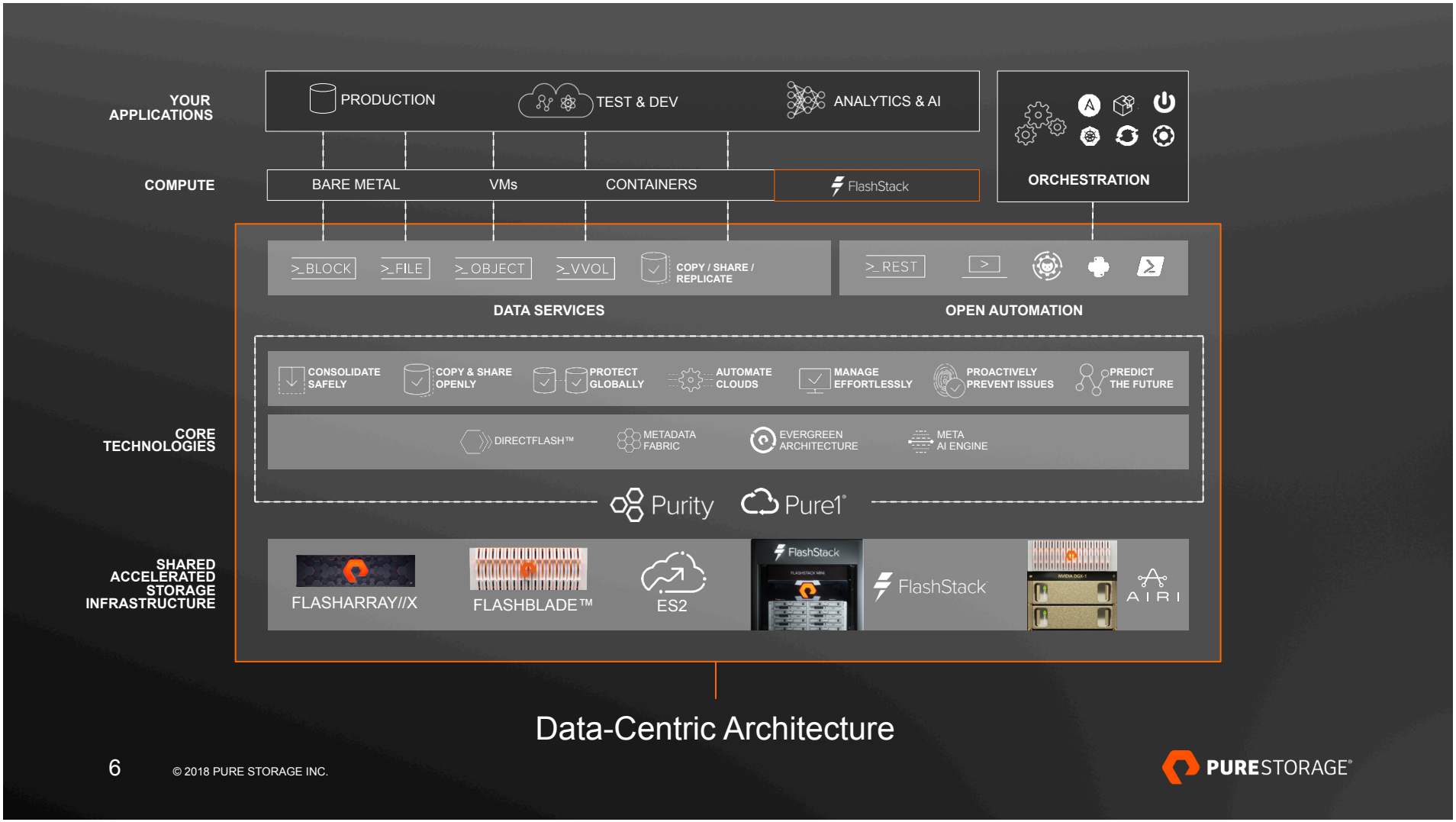
SAS UNIFIES THE BEST OF SAN AND DAS



- ✓ HIGH PERFORMANCE
- ✓ SHARED
- ✓ EFFICIENT, PERFECTLY PROVISIONED
- ✓ RICH SOFTWARE
- ✓ 99.9999% AVAILABILITY
- ✓ SIMPLE TO DEPLOY
- ✓ SIMPLE TO MANAGE
- ✓ SIMPLE TO SCALE

PURESTORAGE®



Data-Centric Architecture

PURESTORAGE®

INTRODUCING THE NEW

FlashArray //X

SHARED ACCELERATED STORAGE FOR EVERY WORKLOAD

100% NVMe DIRECTFLASH ARCHITECTURE

- 50% FASTER THAN AFA
- RAW NAND, NO SSDs
- MICROSECOND LATENCY
- 12 GB/S BANDWIDTH

BUILT FOR CLOUD CONSOLIDATION

- 3PBs IN 6U
- LEADING DATA REDUCTION
- ALWAYS-ON QoS

RE-DEFINES TIER1 STORAGE

- 99.9999% AVAILABLE
- ACTIVECLUSTER
- FULL SOFTWARE SERVICES
- API AUTOMATION & AI-DRIVEN CLOUD MANAGEMENT

EVERGREEN UPGRADABLE

- EXPAND VIA NVMe DIRECTFLASH SHELF
- MIX NVMe & SATA FLASH
- UPGRADE ONLINE FROM ANY FLASHARRAY

PURESTORAGE®

MacStadium

MacStadium is the leading Apple Mac hosting provider, supplying dedicated servers and private cloud hosting solutions to software developers in over 50 countries.

THE CHALLENGE

- MacStadium was looking to non-disruptively upgrade their system to increase performance while sustaining the same footprint

THE SOLUTION

- MacStadium implemented FlashArray//X to provide a high-performance Tier 1 storage solution for its customers

THE RESULT

- Pure Storage was able to provide the performance, stability and expandability that MacStadium required to offer a premium service to its most demanding customers