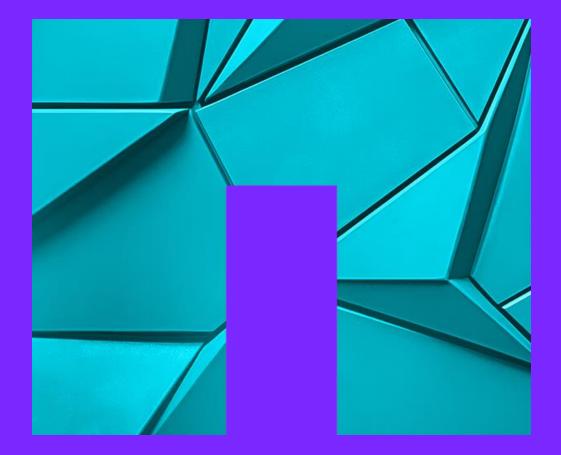


STORAGE APPLIANCES FULL FLASH

Techrefresh 2023/2024

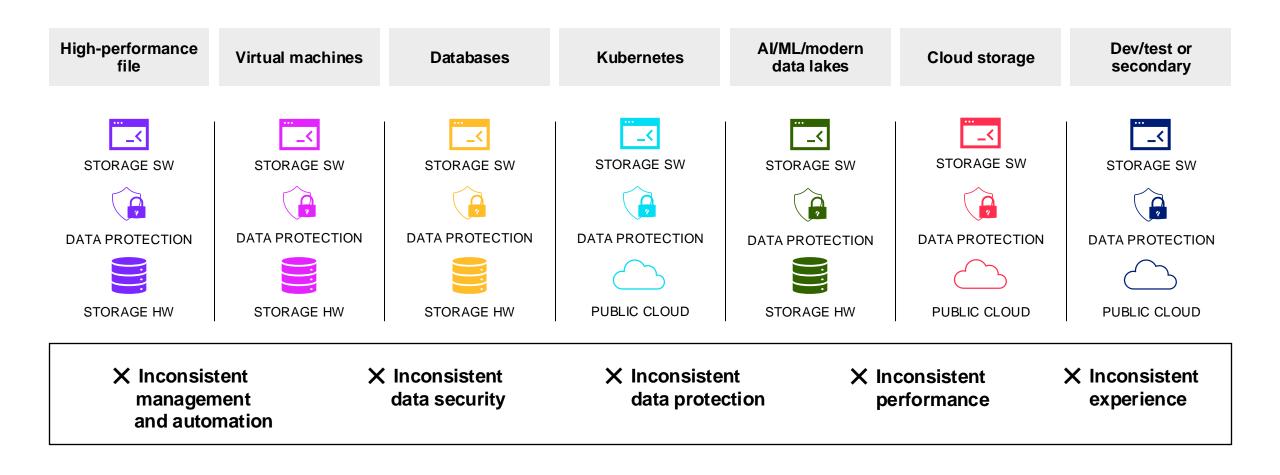


David Besson Account Technology Specialist August 2024

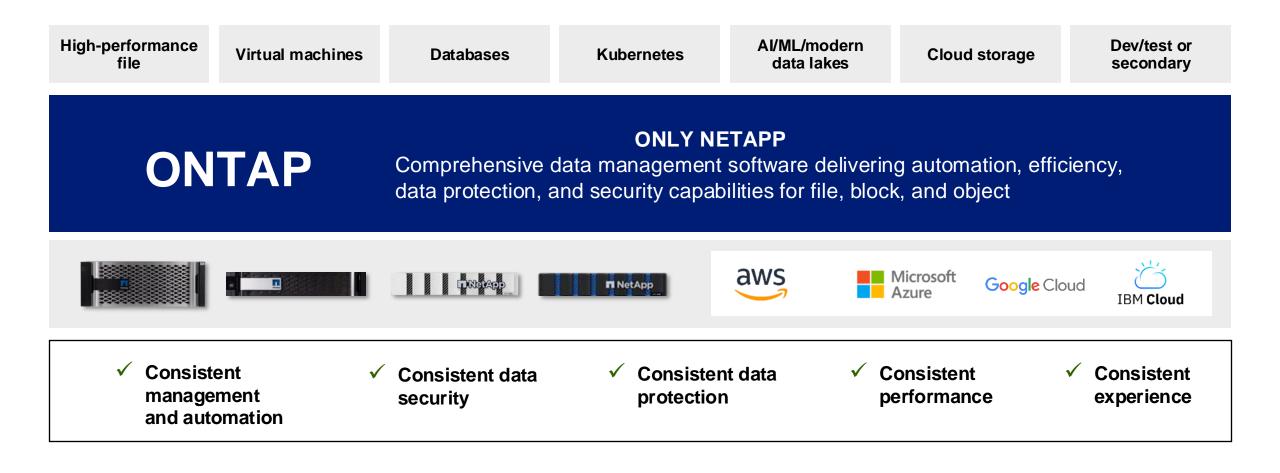
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Complexity is the silent killer of IT productivity

Bespoke infrastructure silos across app, data, cloud are inefficient, costly, and introduce risk

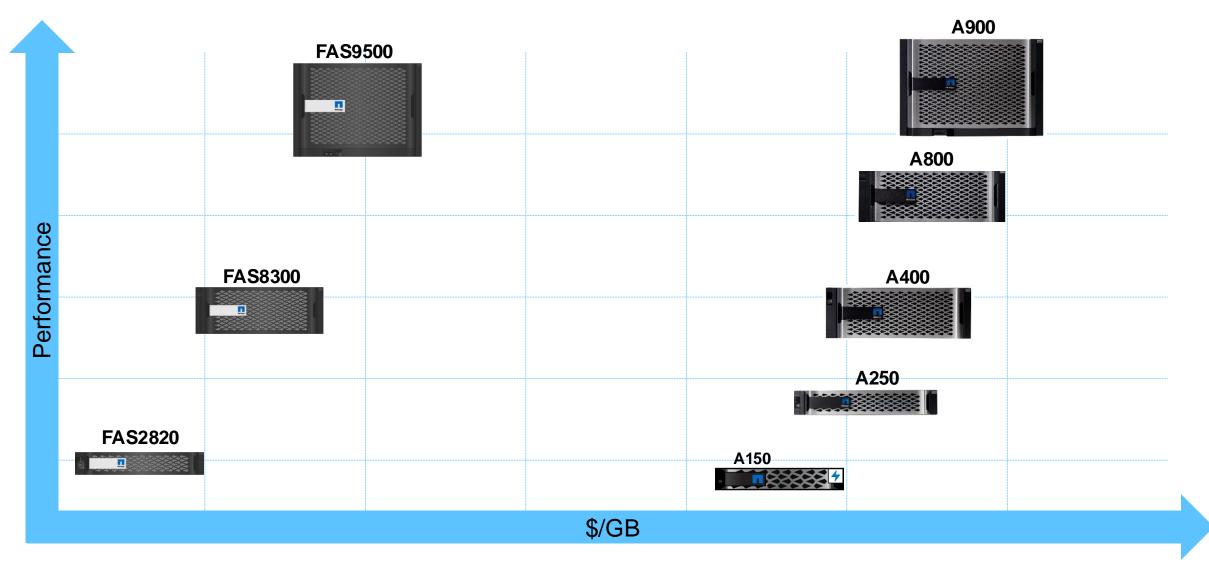


Increase productivity and minimize risk with unified simplicity at scale



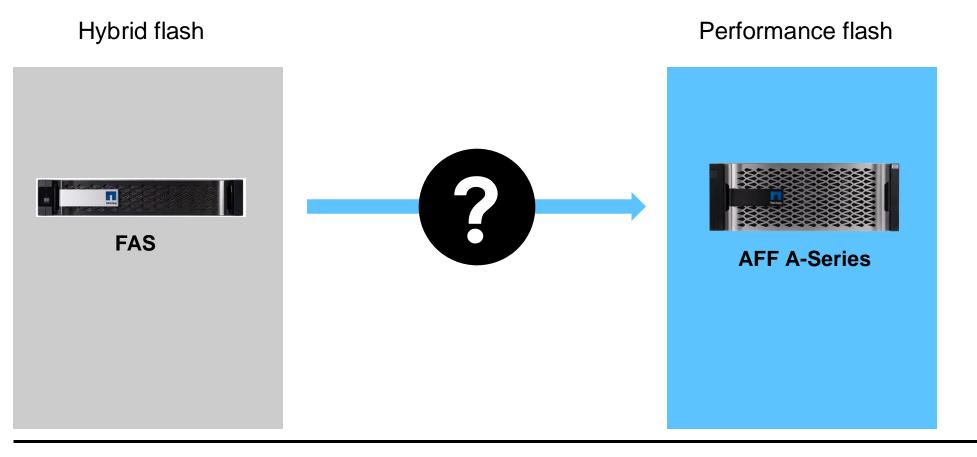
Full flash appliances, beginning 2023

Two series of appliances, one operating system: Ontap



Customers want to transform from hybrid to all flash

But price is often a limiting factor

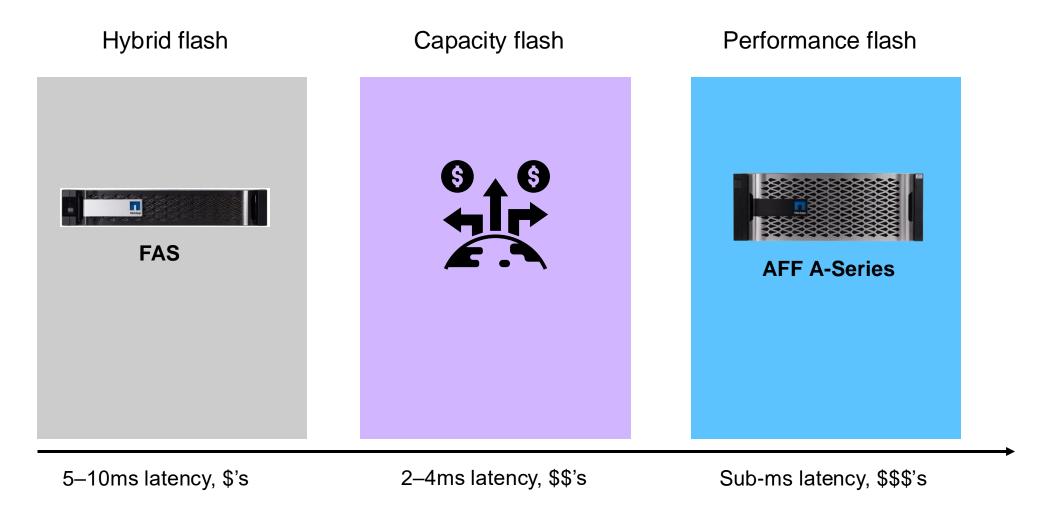


5–10ms latency, \$

Sub-ms latency, \$\$\$

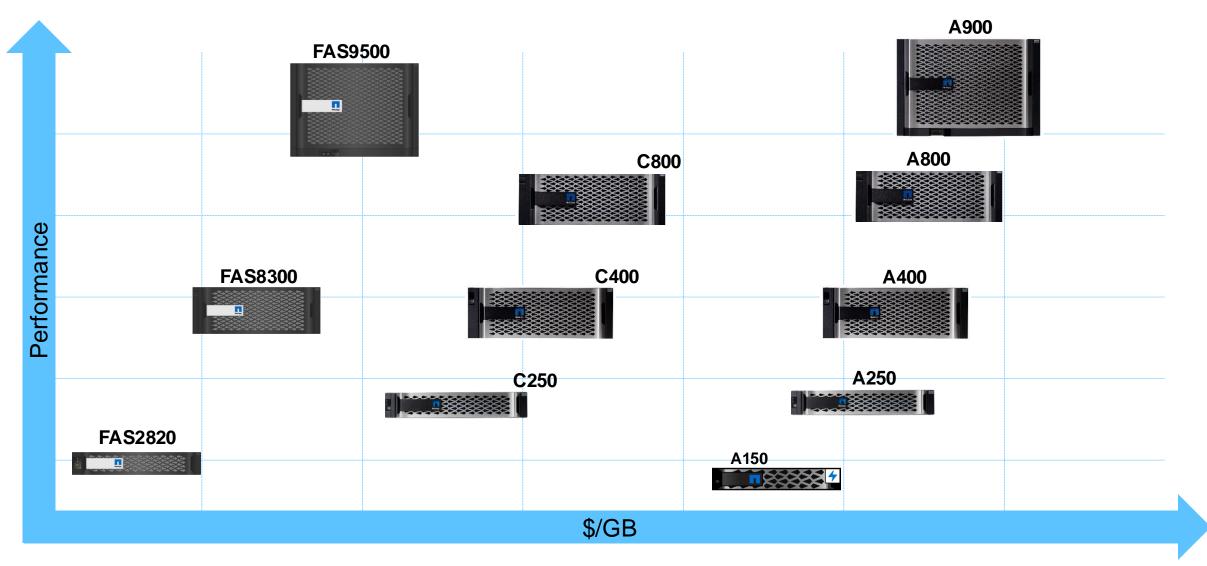
Opportunity: Accelerate all-flash transformation with capacity flash

Without compromising on budget and sustainability goals



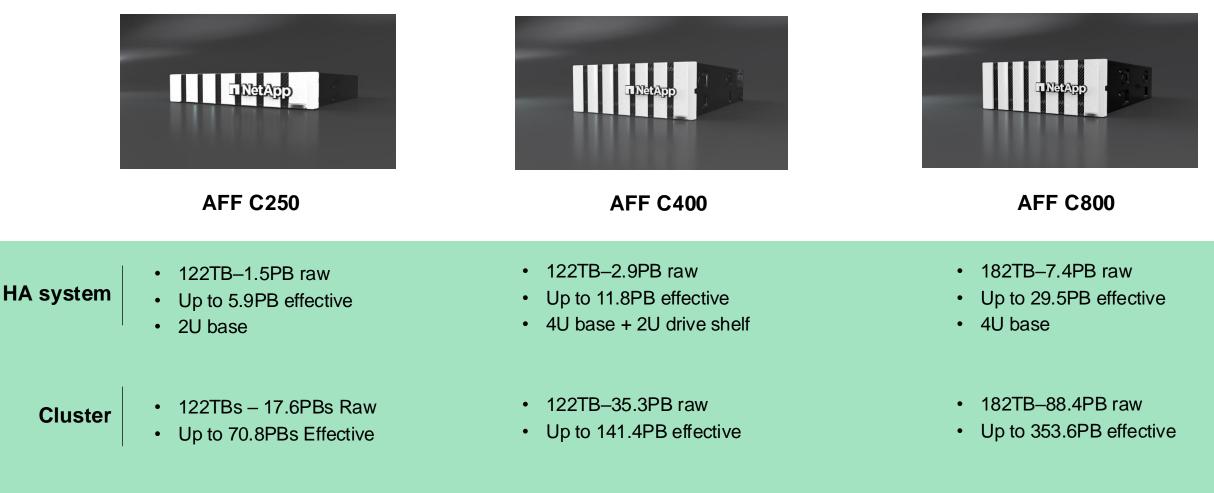
New NetApp AFF platform in 2023

Capacity flash to fill the gap



Meet NetApp AFF C-Series

A new family of capacity flash storage



Effective capacity calculation includes a 5:1 storage efficiency possibility.

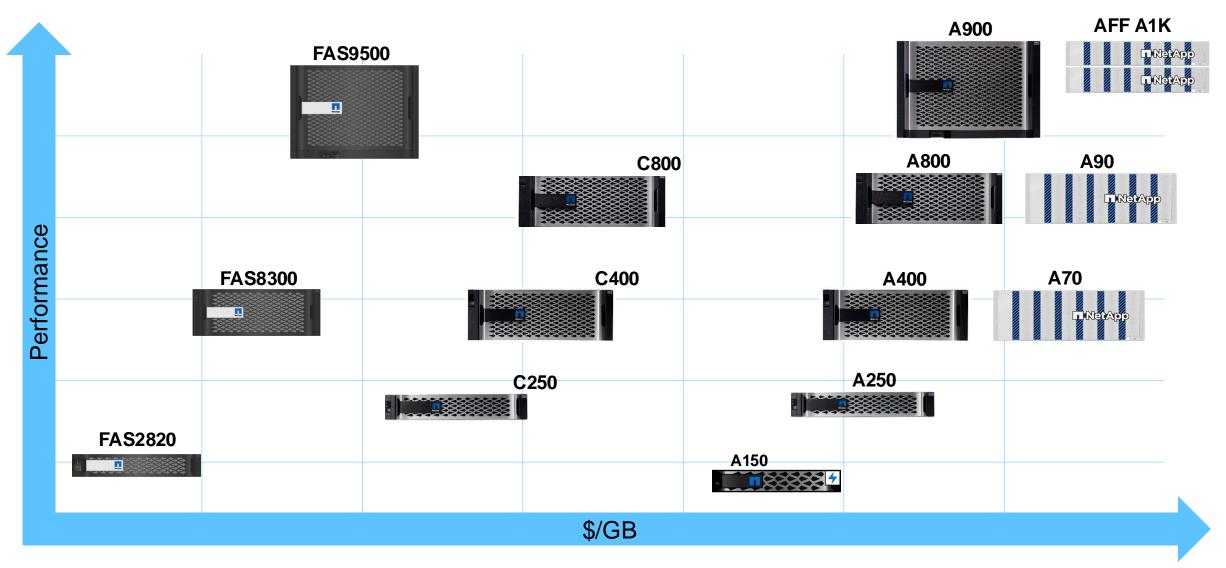
AFF C-Series is born feature-rich

ONTAP One bundle provides industry-leading, comprehensive data services

Protocols	Efficiency	Anti-ransomware	Data protection	Tenancy and scale
 NAS / File NFS SMB SAN / Block FC iSCSI NVMe/FC NVMe/TCP Object (S3) 	 Leading raw-to-usable Deduplication, compression, compaction Thin provisioning Data tiering to hybrid, object, or cloud 	 Near-real-time detection Tamper-proof Snapshot recovery Multi-admin verification Blocking of known malicious files 	 App-integrated backup Business continuity Sync/async disaster recovery NetApp[®] Snapshot[™] copies Clones 	 Multitenancy QoS Clusterwide scaling
NetApp ONTAP® Data management software 9 Delivering automation, efficiency, data protection, and security capabilities across the NetApp portfolio for file, block, and object 0				
		AWS Microsoft Azure	Google Cloud	Cloud

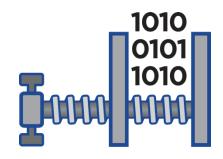
New NetApp AFF and FAS platform in 2024

Refresh of the A-Series appliances



Storage efficiency on next generation AFF A-Series

Performance and Simplicity



Always on, improved data compression

- No cold data policy to manage
- Nothing for customers to configure
- Confidently meet SEG Guaranteed ratios





No performance impact thanks to QAT offload

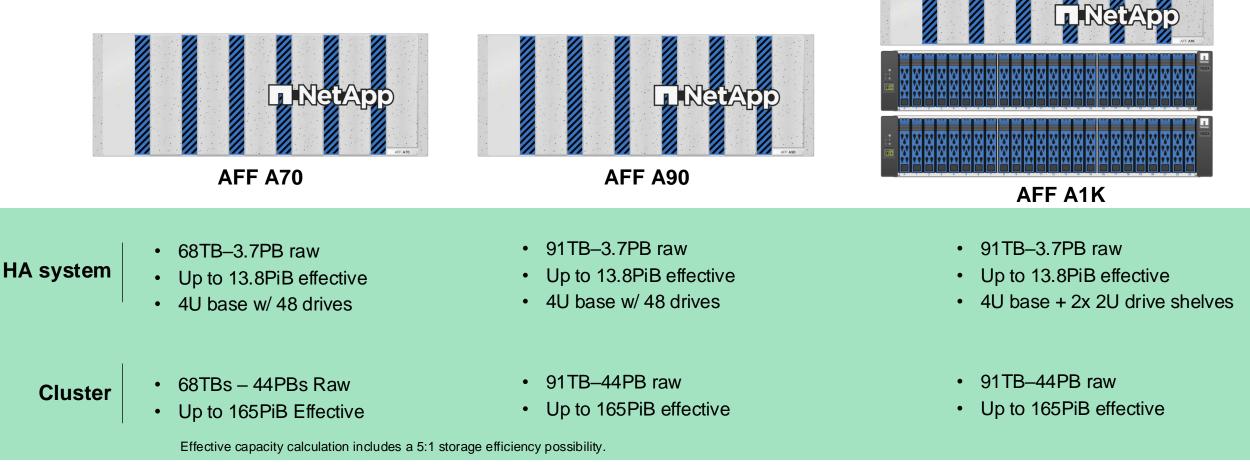
Never choose between
 performance or efficiency

Applied to new and EXISTING data

- Improved storage efficiency applied to existing data automatically
- Automatically applied to data being moved to new AFF A-Series

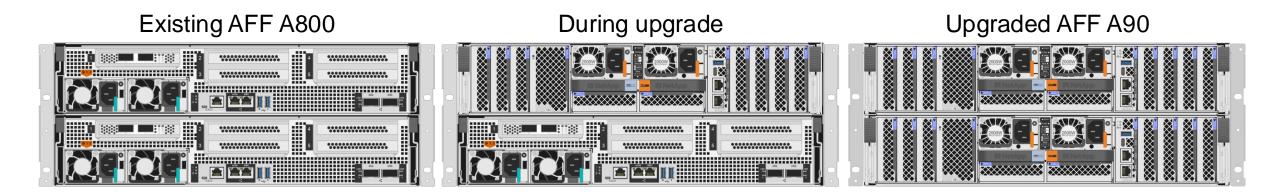
New mid-range and high-end family of High-Performance flash storage

Two TLC flash media supported at launch: SED: 3.8TB, 7.6TB, 15.3TB NSE: 3.8TB, 15.3TB



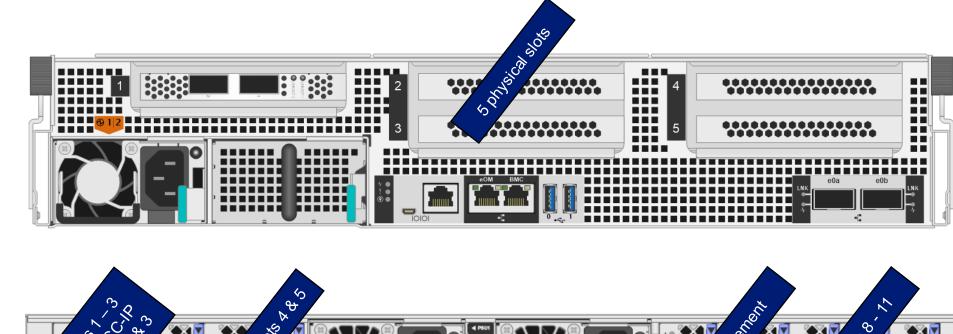
Non-disruptive, in chassis upgrade from A800 to AFF A90

Preserve investment in media while adding significant performance, efficiency, and scalability

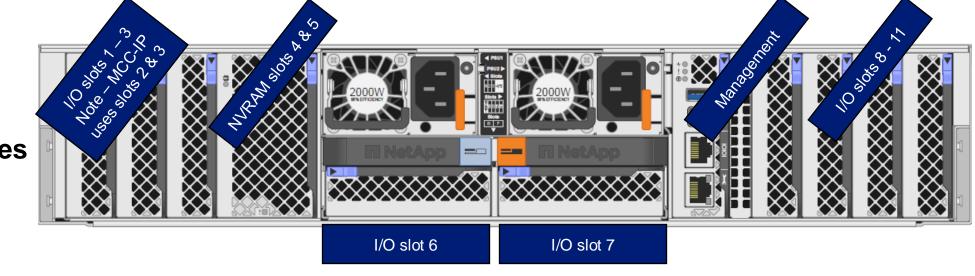


- 100% non-disruptive upgrade, preserving media investment
- All components (PCM, memory, NVRAM, I/O modules, PSUs) are replaced and upgraded
- Post upgrade, system has 1.5X the IOPs, 4X the PCI throughput, 2X the number of PCI slots
- Ready for encryption offload (IPsec & TLS)

A800 slot comparison to new AFF A-Series



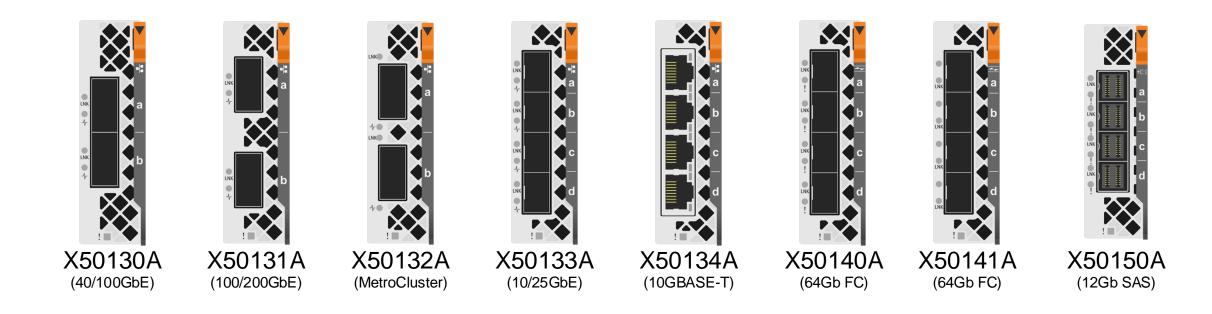
A800



AFF A-Series

I/O Modules

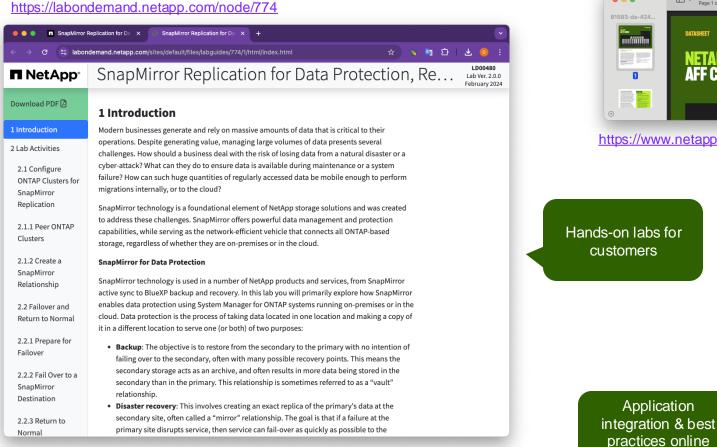
Take a closer look



Where to go more information

Ontap features

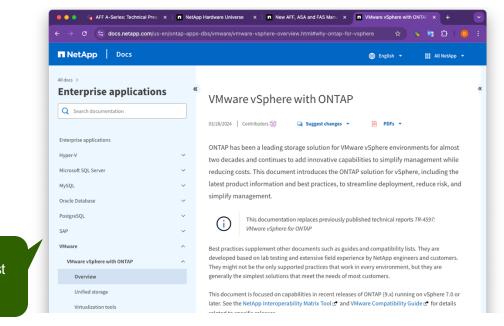




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https://www.netapp.com/media/81583-da-4240-aff-c-series.pdf

guides



https://docs.netapp.com/us-en/ontap-apps-dbs/vmware/vmware-vsphere-overview.html

MERCI DE VOTRE ATTENTION !

Sondage de satisfaction Merci de votre feedback







THANK YOU



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