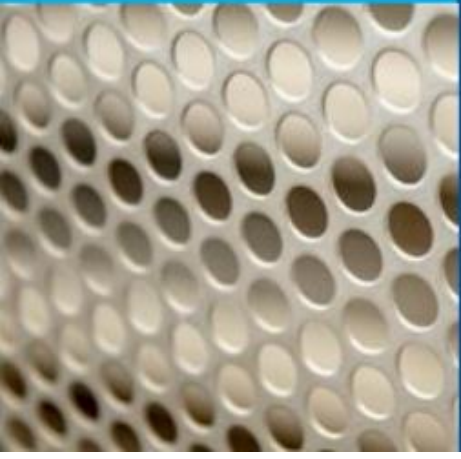




ONTAP Administration: What Is New in ONTAP 9.7



Instructions



ONTAP Fundamentals

- Cluster
- NAS
- SAN
- Data Protection
- Data Management

ONTAP Administration

- Cluster
- NFS
- SMB (CIFS)
- SAN
- Data Protection
- Security and Compliance

ONTAP Administration: What Is New in ONTAP 9.x





About This Course

This course focuses on enabling you to do the following:

- Navigate the new mid-range and high-end AFF and FAS systems
- Describe the new AFF All SAN Array system offerings
- List the enhancements to NetApp ONTAP System Manager (formerly OnCommand System Manager) and NetApp Active IQ Unified Manager (formerly OnCommand Unified Manager)
- Describe FabricPool enhancements
- Describe FlexCache technology enhancements
- Describe NetApp ONTAP FlexGroup enhancements
- List MetroCluster enhancements
- Describe SnapMirror Synchronous enhancements
- Describe security enhancements



Course Modules



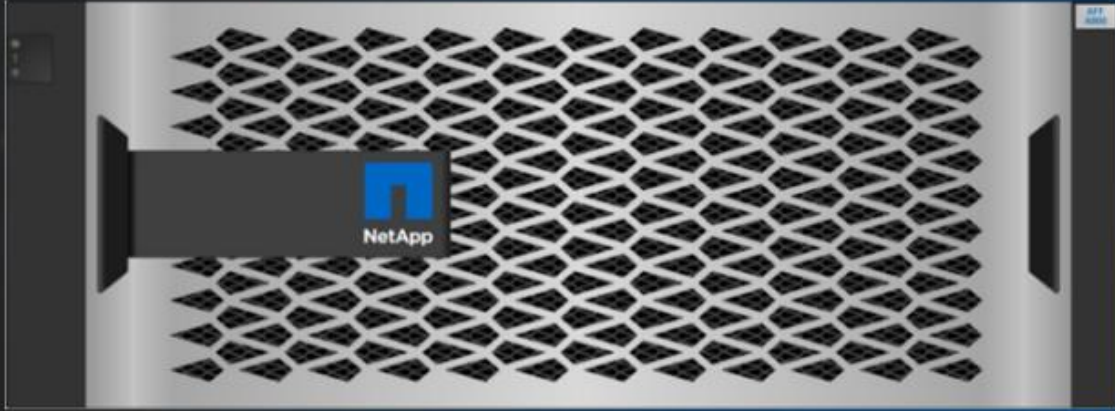
- 1 New AFF and FAS Mid-Range and High-End Systems
- 2 New AFF All SAN Array Systems
- 3 ONTAP 9.7 Software and Manageability Software Enhancements



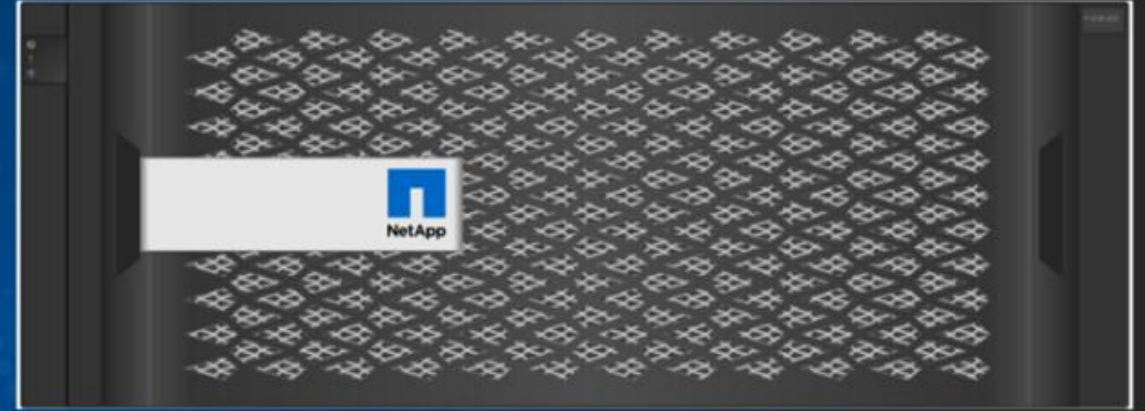
Module 1

New AFF and FAS Mid-Range and High-End Systems

New AFF and FAS Systems



AFF A400



FAS8300

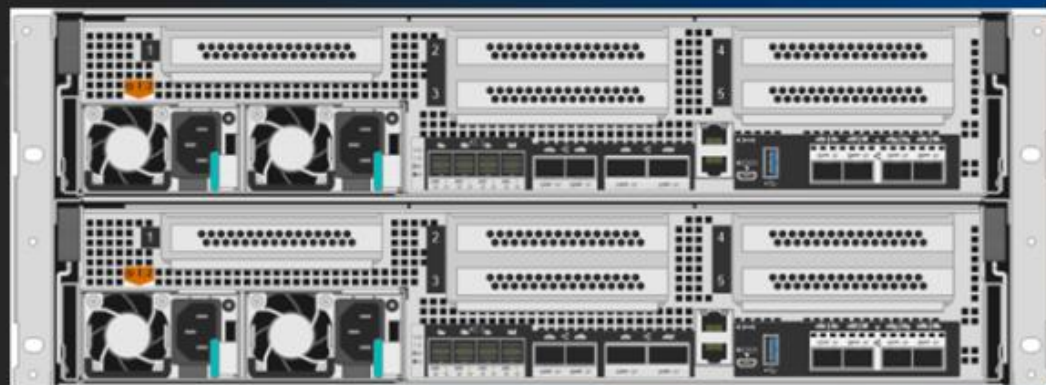
FAS8700

ONTAP 9.7 RC1 required

Introducing the AFF A400 System

HA pairs

End to end NVMe over Fabrics (NVMe-oF)



HA: high-availability

	AFF A300	AFF A400
Cores	32	40
Memory	256GB	256GB
NVMEM / NVDIMM	16GB	32GB
25-GbE / 100-GbE	No	Yes
Maximum solid-state drives (SSDs)	384	480
Slots per controller	2	5

Cluster Interconnect and Offload Engine

X1151A

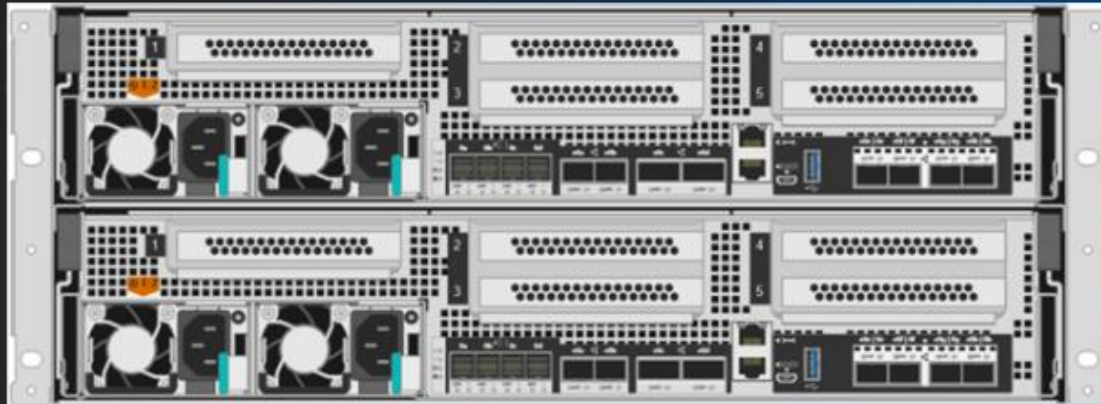
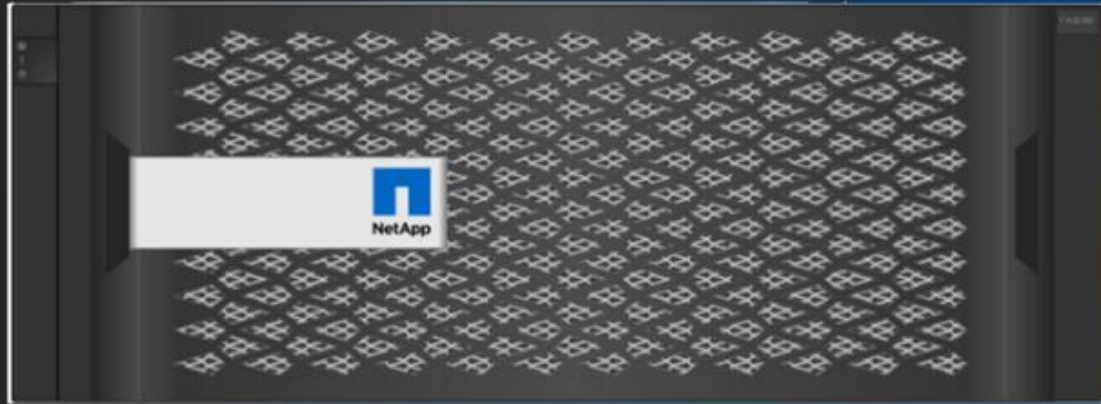
- Dual-port ASIC supported with two 100-Gigabit Ethernet (GbE) ports
- Exclusively for cluster interconnections on AFF A400 systems
- Hardware offload engine for storage efficiency
Compression, decompression, and fingerprint calculation for deduplication

Due to thermals, only 10-GbE adapters can be used in slot 2.



Introducing the FAS8300 System and the FAS8700 System

HA pairs



	FAS8300	FAS8700
Cores	40	64
Memory	256GB	512GB
NVDIMM	32GB	
25-GbE / 100-GbE	Yes	
Maximum drives	720	1440
Slots	10	