

AFF C-Series is born feature-rich

ONTAP One bundle provides industry-leading, comprehensive data services

Protocols

- NAS / File
- NFS
- SMB
- SAN / Block
- FC
- iSCSI
- NVMe/FC
- NVMe/TCP
- Object (S3)

Efficiency

- Leading raw-to-usable
- Deduplication, compression, compaction
- Thin provisioning
- Data tiering to hybrid, object, or cloud

Anti-ransomware

- Near-real-time detection
- Tamper-proof Snapshot recovery
- Multi-admin verification
- Blocking of known malicious files

Data protection

- App-integrated backup
- Business continuity
- Sync/async disaster recovery
- NetApp® Snapshot™ copies
- Clones

Tenancy and scale

- Multitenancy
- QoS
- Clusterwide scaling

NetApp ONTAP®

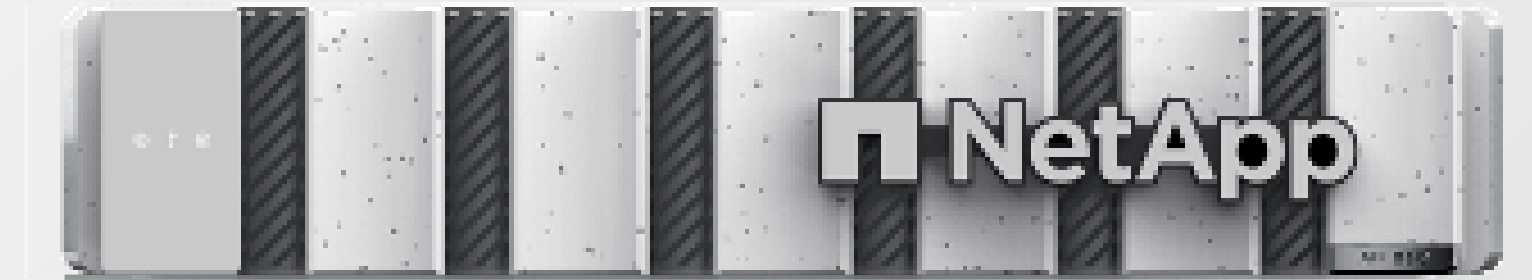
Data management software

Delivering automation, efficiency, data protection, and security capabilities across the NetApp portfolio for file, block, and object



AFF C-Series is efficient

Superior overall cost-effectiveness compared to similar systems



Reduce TCO

Reduce up to 95% of rack space with high-density capacity flash



Increase data efficiency

- 80% raw-to-usable
- 4:1 data reduction for SAN workloads
- 1.5:1 for NAS
- 3:1 for VMware, Hyper-V, and KVM workloads on NAS
- Policy-based tiering of cold data to hybrid flash, object, or cloud storage

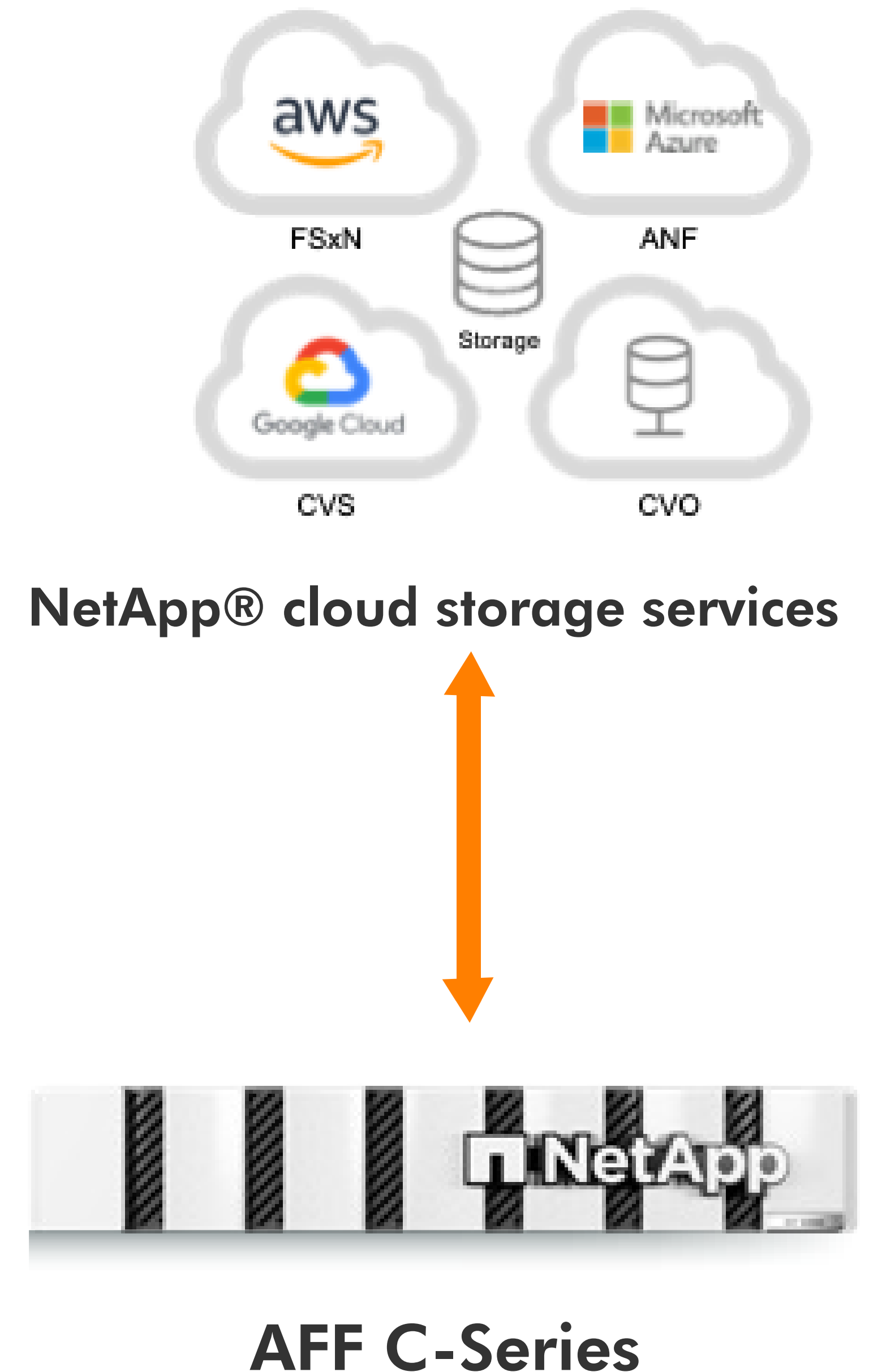


Improve sustainability

Save power and cooling costs up to 85% over hybrid flash

AFF C-Series is cloud-connected

Disaster recovery to cloud
Back up to cloud
Tier to cloud
Caching to cloud
Manage hybrid multcloud storage



Best-in-class storage and data solutions

Spanning on-premises and multicloud environments; solving board-level priorities for every enterprise

NetApp® BlueXP™

Spot by NetApp

On-premises data storage

Solving the biggest challenges for data storage and management

NetApp ONTAP® (AFF, FAS)
NetApp E-Series, EF-Series
NetApp StorageGRID®

Cloud Data Storage

Extending world-class solutions to all public clouds

Cloud Volumes ONTAP
Azure NetApp Files, FSx for ONTAP, NetApp Cloud Volumes Service

Data Services

Expand to solve multicloud data challenges beyond storage

Protection
Privacy
Governance

Cloud Operations

Optimize your cloud app infrastructure

Spot by NetApp
CloudCheckr
Instaclustr™

Infrastructure observability and optimization

Optimize the delivery and operation of hybrid cloud infrastructure through advanced observability and optimization services.

NetApp Cloud Insights



Target use cases

Hybrid-to-capacity flash refresh
(suited for 10K HDD transition and End-of-support system refresh)



Tier 1 workloads
(where 2-4ms latency is more than enough)

- Media/rendering
- AI/ML and analytics
- Data lakes
- File storage
- Home directories
- User data
- Non-mission-critical databases
- VMware

Tier 2 workloads
(where capacity is the primary driver)

- DevTest sandbox copies for databases or VMs (NAS or SAN)
Fast recovery for backups
- Target system for backup
- consolidation (NetApp® Snapshot copies and NetApp SnapMirror®)
- Target system for data tiering

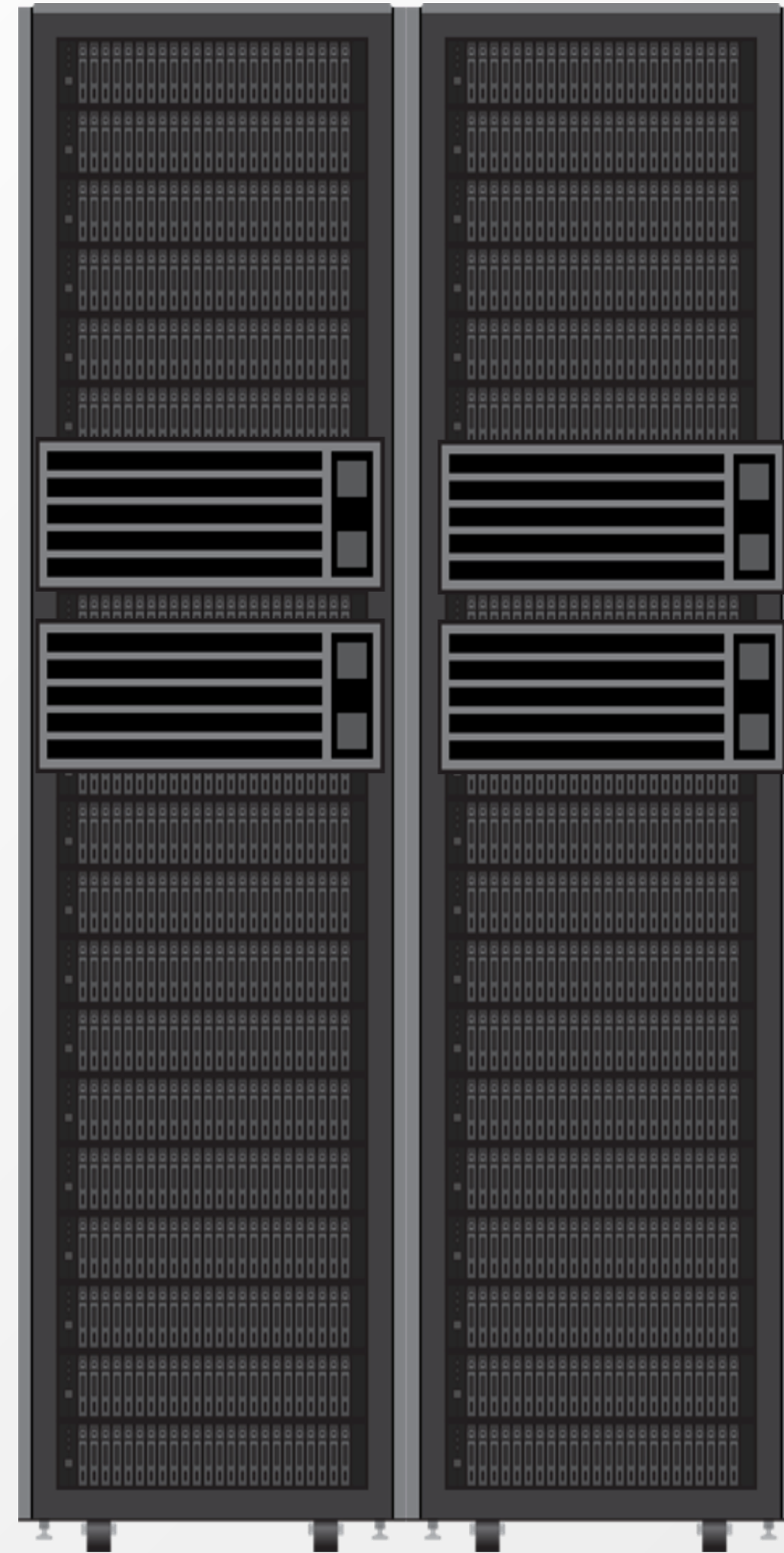
Compared to
hybrid flash arrays

- Best TCO
- Better speed
- Better density
- Better efficiency

- Best TCO

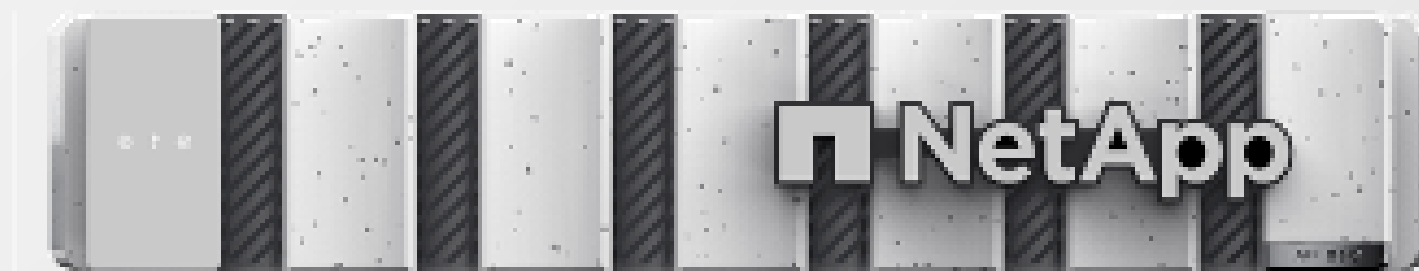
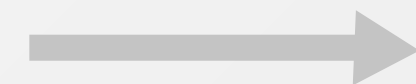
- Best TCO
- Better speed
- Better density
- Better efficiency

Reduce TCO with AFF C-Series



Hybrid Flash Array

↑ **1.5PB** effective in 2U



AFF C-Series System

↓ **85%** less power/cooling

↓ **95%** smaller footprint

The leader in all flash

Brand-new proof points from GigaOm Research

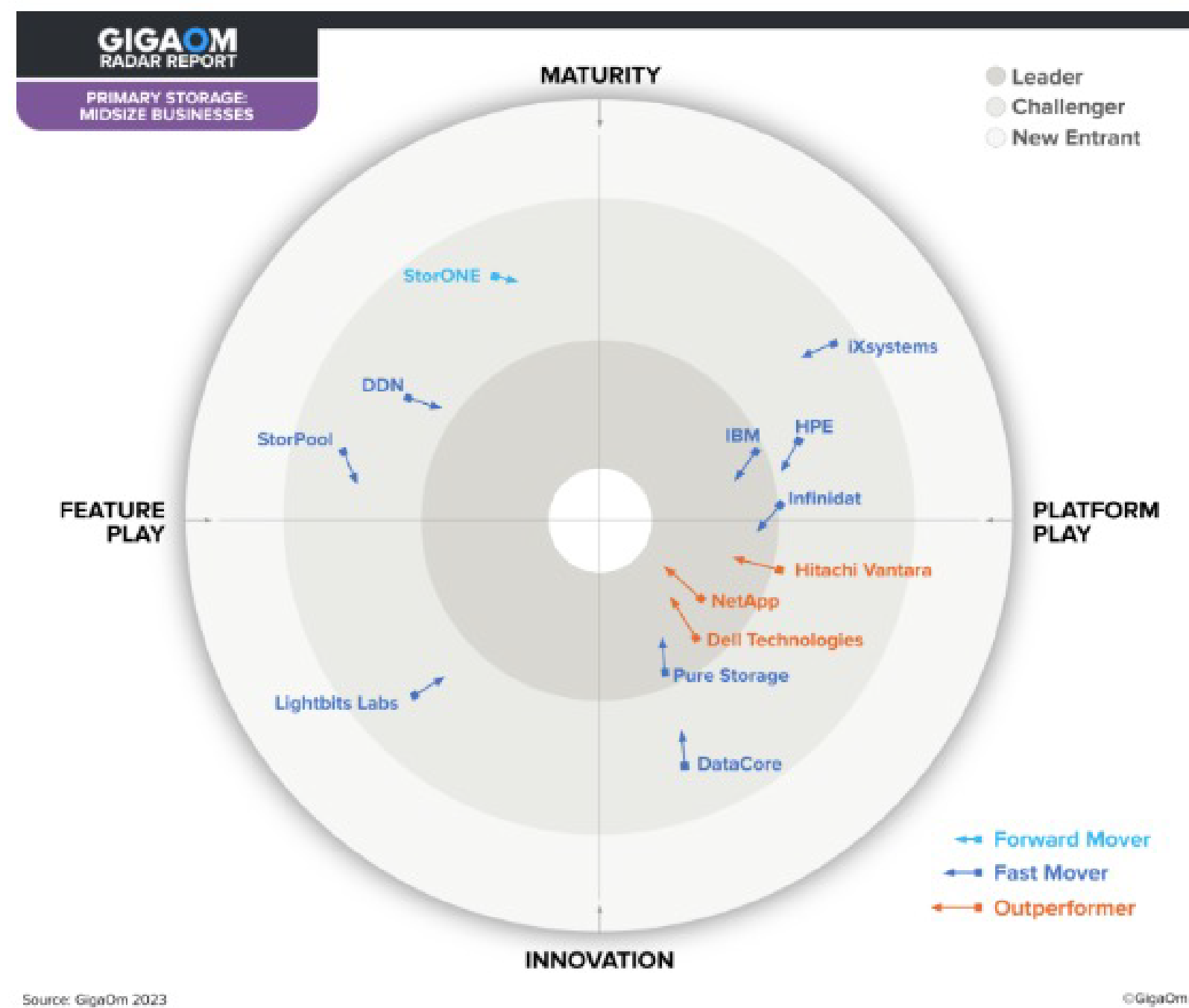


Figure 1. GigaOm Radar for Primary Storage for Midsize Businesses

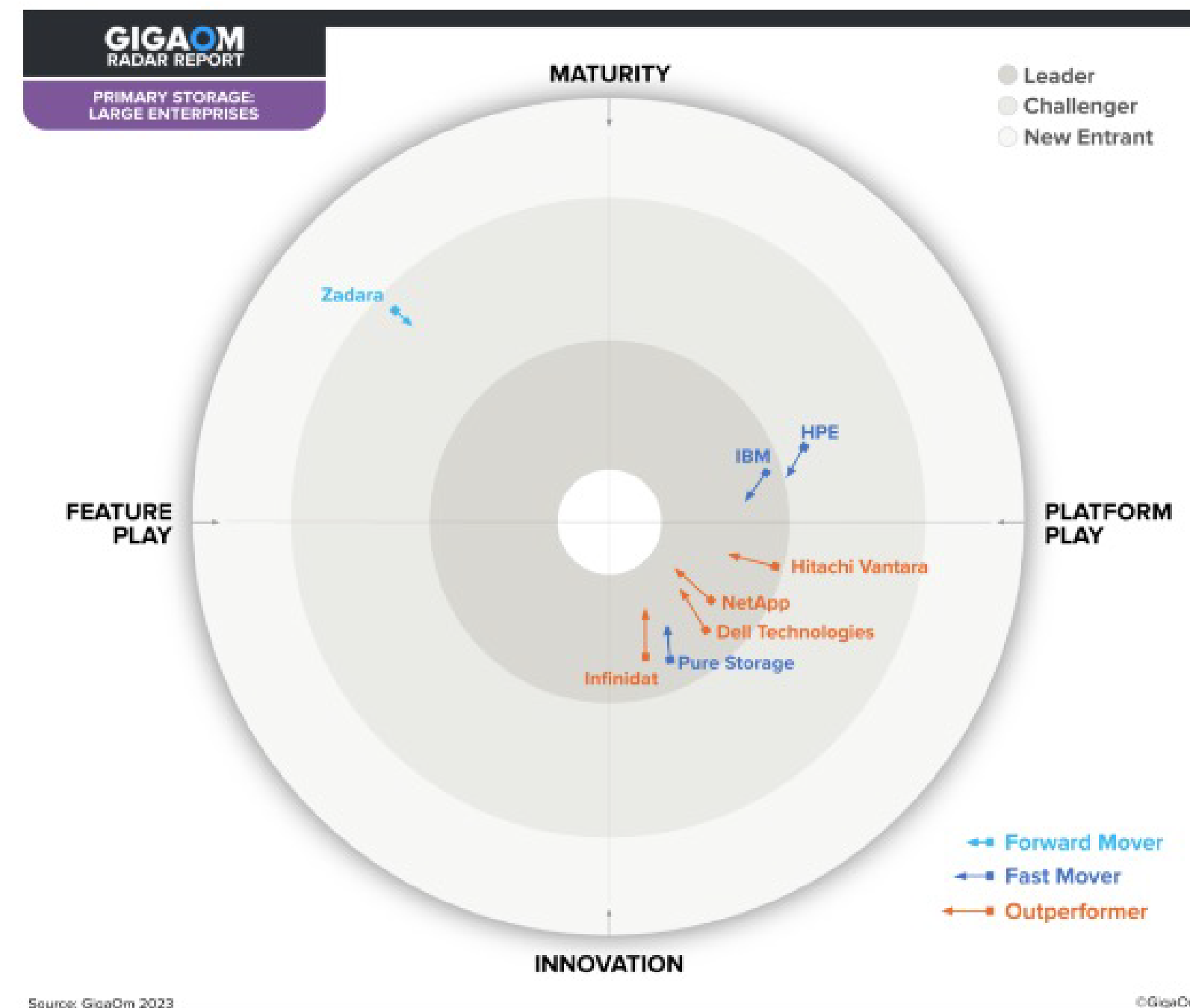


Figure 1. GigaOm Radar for Primary Storage for Large Enterprises

“With ONTAP, NetApp distinguishes itself by offering a common operating system across its entire on-premises appliance range and in all major cloud providers, offering enterprise-class capabilities to mid-sized organization.”

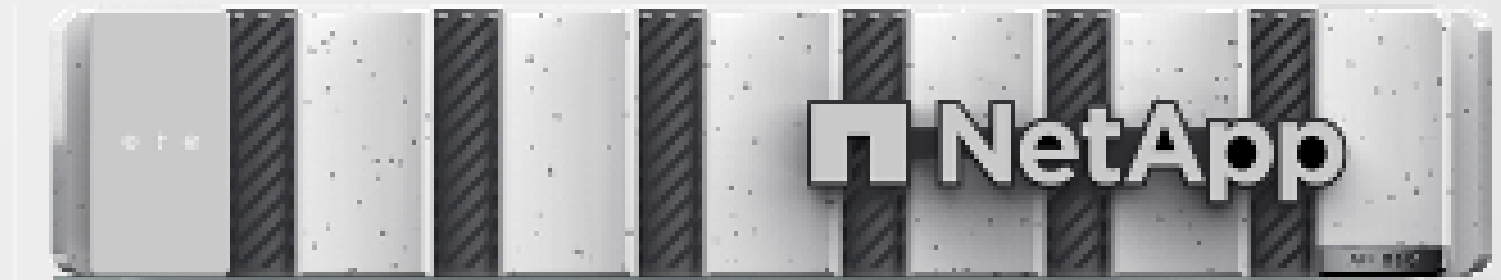
GigaOm Radar for Primary Storage for Midsize Businesses, January 19, 2023

“NetApp delivers outstanding capabilities for large enterprises both on-premises and in the cloud (as a first-party offering) with solutions architected around its ONTAP OS. The recently launched BlueXP service delivers thorough yet seamless data mobility and data management capabilities, providing a best-in-class and unmatched experience.”

GigaOm Radar for Primary Storage for Large Enterprises, January 19, 2023

AFF C-Series is secure

NetApp ONTAP software includes over 30 advanced data security features



Protect

Multifactor authentication and role-based access control

Application-consistent data protection

Multi-admin verification before execution of sensitive commands

Data encryption in transit and at rest



Detect

Autonomous ransomware protection with preemptive detection against attacks

Enhanced file system auditing



Recover

Data availability maintained with zero data loss and zero downtime

NetApp® SnapLock® technology for write once, read many (WORM) data

Tamper-proof NetApp Snapshots™ copies

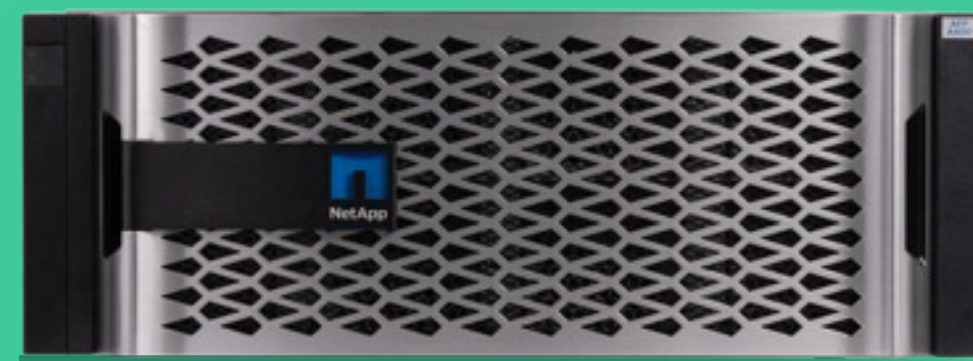
AFF C-Series is scalable

Experience the ultimate flexibility of scale and management that is a NetApp specialty

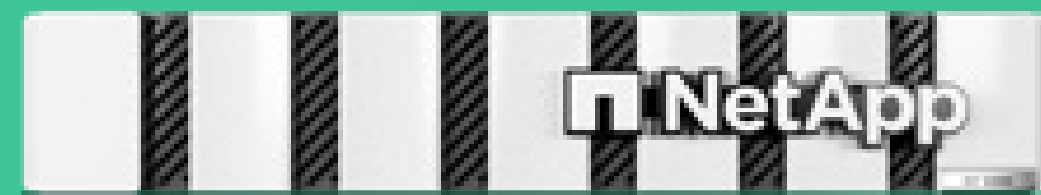
Eliminate storage silos and scale capacity nondisruptively.

Combine performance flash, capacity flash, and hybrid storage—across SAN, NAS, and object storage—in a single cluster.

Cluster up to 24 nodes



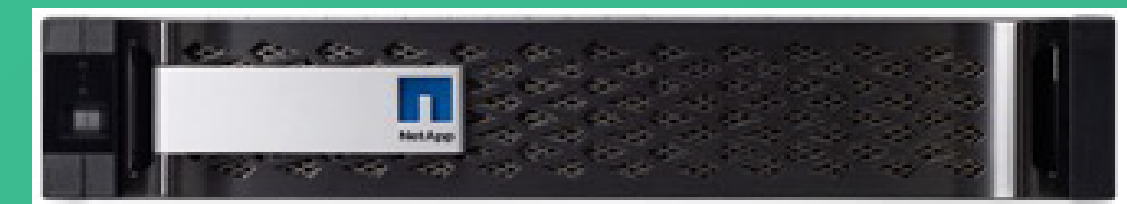
AFF A-Series



AFF C-Series



AFF C-Series



FAS systems