Delivers persistent SCM
Persistent SCM tier, with intelligent tiering.

Cloud Mobility natively moves block data
snapshots to the cloud
PowerMax can snap block data directly to
public clouds or to Dell EMC ECS™ object
stores.

Intelligent array-based tiering
Automated data placement based on machine
learning (ML) on array.

Shared everything architecture
Incoming data is automatically load balanced
across the cluster and shares a global
R/W cache pool.

Global deduplication
Dedupes data across all resources globally for
extreme efficiency.

Massive platform support
Supports open systems, mainframe,
block and file.¹

NetApp AFF

No storage side SCM
No announced plan to support SCM drives.

No ability to move block data to the cloud
with snapshots alone
NetApp cannot snap directly to the cloud.

No intelligent array-based tiering
No support for automated, ML based
performance tiering or data placement on array.

Shared nothing architecture
Incoming data is owned by a single node, it can
only utilize the R/W cache of that node and is
not automatically load balanced across the
cluster.

Aggregate level deduplication
Aggregate level deduplication yields less
efficient data reduction.

Less platform support
Does not support mainframe environments.

¹Mainframe support available on PowerMax 8000 only.
Comparison based on publicly available information, May 2021.
Copyright © 2021 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies, Dell, EMC, Dell EMC and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of
their respective owners.