

3PAR StoreServ Next-Gen Flash Innovation

Lower cost and risk to futureproof hybrid IT

New Requirements for the All-Flash Data Center

<p>ACCELERATE Apps</p> <p>Acceleration of established and emerging apps</p>	<p>SIMPLIFY Ops</p> <p>Automation and intelligence for rapid service delivery</p>	<p>MITIGATE Risks</p> <p>Absolute data integrity, availability, and protection</p>	<p>PROTECT Investments</p> <p>Architectural and financial flexibility to go anywhere</p>
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Protect Investments

Architectural and financial flexibility to go anywhere

HPE 3PAR Adaptive Data Reduction

Architected for total system efficiency with over 4:1 total compaction

- Zero Detect**
Remove zeros inline
- Deduplication (2:1)**
Prevent storing duplicate data
- Compression (2:1)**
Reduce data footprint
- Data Packing**
Pack multiple pages together

Express Indexing
Meta data acceleration performed by 3PAR ASICs

Express Scan
Intelligent compression performed by Intel CPU

- Available on flash in any 8K or 20K system
- Always in-line and selectively applied for greater efficiency
- Savings estimation and modeling built-into StoreServ Management Console

HPE 3PAR All-Inclusive Licensing

Lowers \$/GB usable and protects your investments

- Every 3PAR system ships with software that optimizes the data path for flash, from the SAN through to data protection
- For disaster recovery configurations, add a multi-system software license for each system

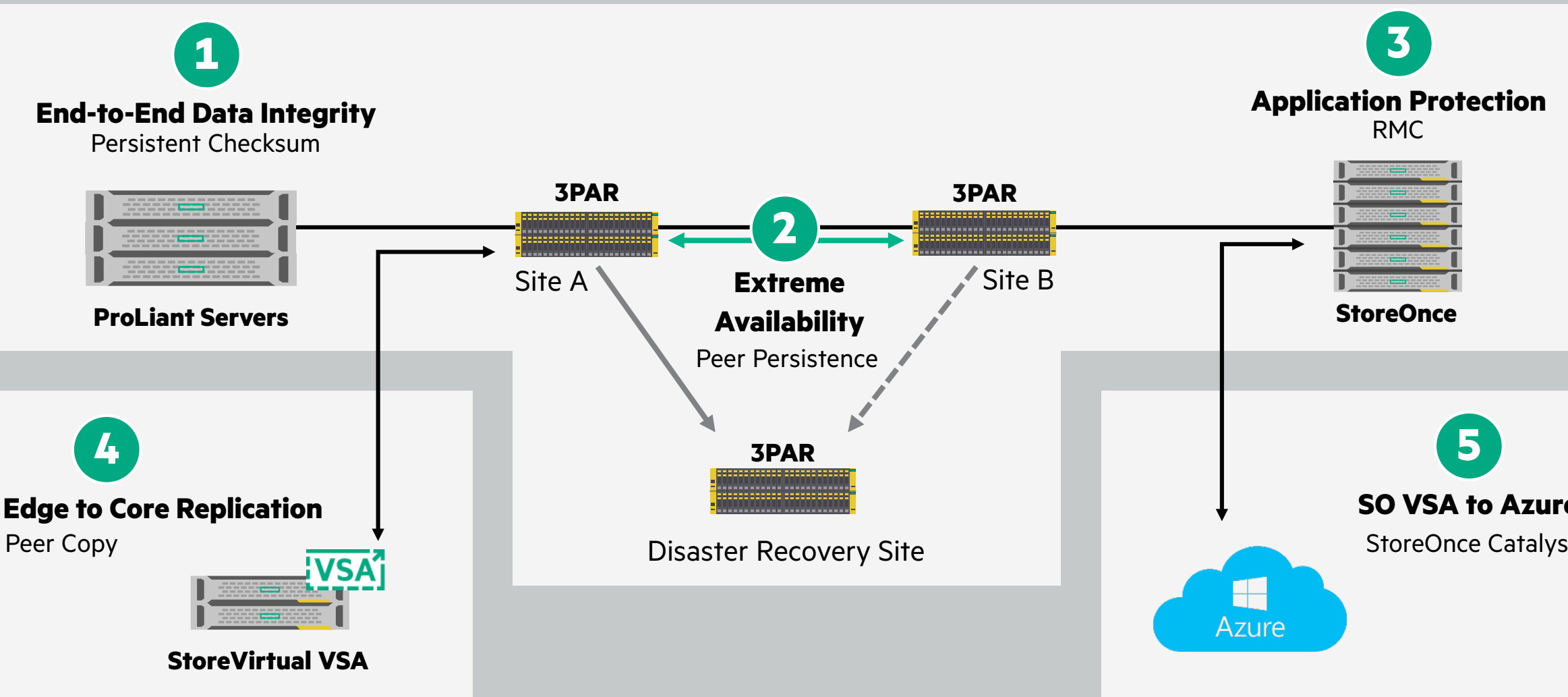


Mitigate Risks

Absolute data integrity, availability, and protection

End-to-End Security, Integrity, and Resilience

Extreme Availability from Edge to Core to Cloud



3PAR Peer Persistence for extreme availability

High Availability at Metro Distances
Move applications and storage to secondary data center for HA, maintenance and/or load balancing without any disruption

High Availability + DR at Greater Distances
Add a third data center as a passive site in Peer Persistence configurations for disaster recovery at geographical distances

HPE Peer Copy

Peer Copy orchestrates and moves data from a source to destination storage system. It automates the data copy process and makes the volume available for use after the copy process without any need to convert the data.

- Bridge Software-Defined & System-Defined Storage**
Federate storage with integrated data protection and mobility for both 3PAR and StoreVirtual
- Eliminate Appliances and Network Traffic**
Manual and scheduled bandwidth-efficient replication of changes in crash-consistent snapshots
- Lower Cost than Traditional Approaches**
Included with 3PAR all-inclusive software*

*Requires 3PAR multi-system license



Simplify Ops

Automation and intelligence for rapid service delivery

HPE 3PAR StoreServ Management and Storefront Remote

- Federation and Replication Enhancements**
automate data mobility across multiple systems
- Enhanced dashboards and reporting**
Simplify visualization and trending analysis
- Cloud-based analytics with HPE StoreFront Remote**
Analyze trending data for health, efficiency and capacity planning



Accelerate Apps

Acceleration of established and emerging apps

HPE 3PAR File Persona with Enhanced Security & Scale

<p>Improved Sharing</p> <p>NTFS Security and cross-protocol locking for seamless group file sharing - SMB and NFS</p>	<p>Enterprise Governance</p> <p>Immutable File Lock to meet extended use case requirements</p>	<p>Double Scalability</p> <p>Larger file system size – 64TiB FPG for simpler scaling of large data sets</p>	<p>Better Availability</p> <p>Online File System Check to complement inherent file system integrity</p>	<p>Programmatic Management</p> <p>3PAR Web Service API to automate File Persona management</p>
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Learn More

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