FACTION®

Powering your digital transformation with Faction Cloud Control Volumes for VMware Cloud on AWS

The safer, faster, and more familiar path to cloud adoption

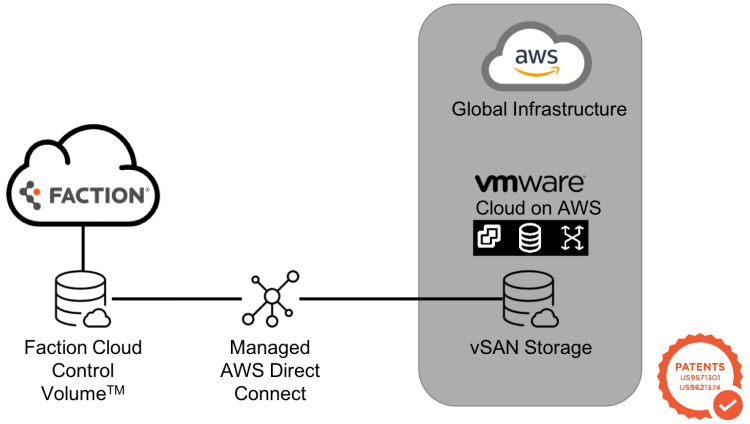
IT continues to lead business transformation, leveraging technology to create new ways to differentiate and compete. Companies are accelerating adoption of ground-breaking technologies to create an edge on their competitors, and cloud is powering this revolution.

The "easy button" promised by cloud does not come so easy. It requires new skills, investment in tools and systems, and changes in culture and process. VMware Cloud on AWS alleviates some of these challenges, offering a familiar technology stack that mirrors on-premises IT environments, reducing the need for expensive new talent or systems.

There are, however, some additional points to consider:

- **Vendor Lock-In and high switching costs -** You incur high egress fees to export data from public cloud storage when moving to a different vendor or platform
- **Scaling storage capacity for VMware Cloud on AWS can be costly and complex -** Storage volume is linked to number of compute nodes, driving up cost as your application scales
- **Data Governance and Control -** Loss of control of data in public cloud leads to potential security and compliance risks, legal penalties and reputational damage
- **Complexity of unfamiliar cloud technology stack -** Adopting public cloud leads to high costs to hire and retain expertise, or to re-train existing staff on unfamiliar public cloud technology; and added complexity and cost to invest in new cloud native tools and systems

When combined with Faction Cloud Control Volumes, our joint solution with VMware delivers durable, persistent, cloud attached storage, directly connected via patented network connectivity at 20% of the price of comparable solutions.



PRODUCT USE CASES

DATACENTER OR APP MIGRATION TO CLOUD

Rapid migration of vSphere-based workloads to cloud with replication to Faction Storage. Reduce the risk and cost of cloud migrations as no conversion or refactoring is required. After lift-and-shift, take your time to transform applications using native VMware or AWS technology.

HYBRID DISASTER RECOVERY AS A SERVICE

Deliver resilience with VMware Site Recovery, native VMware technology that is integrated with VMware Cloud on AWS. Accelerate time-to-protection, automate disaster recovery operations and save costs by only paying for compute on the target site once a failover occurs.

DEV/TEST

Build dev/test environments that can integrate with modern CI/CD automation tools. Leverage Native AWS IaaS or PaaS services in your application once you are deployed. Save costs on storage by leveraging Faction's flexible tiered storage design.

SPEAK WITH A CLOUD SPECIALIST

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Flexible Storage Options to Optimize Costs

Faction Cloud Control Volumes come in 3 unique tiers, allowing you to optimize your storage design to save costs and match your application's performance

Flash

Optimal for production apps, transactional databases

All-flash performance with provisioned IOPs; pricing comparable to durable EBS solutions. 500-10k+ IOPs/TB

Prime

Optimal for Dev/Test, non-production apps, intranet, etc.

Flash-accelerated, throughput-optimized for 25Mb/s throughput per TB with 32KB IOs, native array replication support

Deep

Optimal for archival storage and data warehouse

Throughput-optimized and up to 16Mb/s throughput per TB with petabyte-scale and pricing comparable to S3

Multiple cloud locations to reduce latency

Portland
Santa Clara
Reston
London

KEY FEATURES & BENEFITS

SCALE UP WITHOUT ADDING COMPLEXITY

Cloud attached storage that scales as your applications require, without the need to add costly compute nodes.

FLEXIBLE TIERING TO SAVE COSTS

Three separate performance tiers allows you to optimize your storage design, reducing costs by paying only for what you need.

DECREASE RISK WITH DURABLE AND PERSISTENT STORAGE

Faction storage is persistent unlike VMware Cloud on AWS that leverages local storage for vSAN, if a SDDC is shut down, all data is lost as the node is deleted.

INCREASE SPEED TO MARKET WITH RAPID CLOUD MIGRATION TO FAMILIAR TECHNOLOGY

Leverage existing skills and tools on familiar VMware technology and replicate directly from your on-premise storage arrays to Faction storage, reducing time from migration to production

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