



USE CASE BACKUP AS A SERVICE

Data protection is critical to the success of every organization, yet traditional backup solutions can be slow and difficult to manage. Faction provides the essential resource pooling, elasticity, and network access for a cloud-based alternative to offsite data storage.

GAIN ANYTIME, ANYWHERE ACCESS

Backup from any of our cloud node locations. Your data is available across the network for easy recovery and continuity.

REDUCE IT COSTS

Eliminate upfront capital expenditures and pay only for the resources you use.

IMPROVE PRODUCTIVITY

Leave management to our cloud experts and free your IT staff to work on more strategic tasks.

IMPROVE FLEXIBILITY

Scale up or down as needed. Eight global cloud nodes put at least 500 miles between your production and backup data locations.

USE CASES

Hybrid cloud backup strategy. Put sensitive data in your own private cloud; use our public cloud option for lower cost backup of less critical systems and data.

Disaster recovery. Address a wide array of issues—from a single lost document, to a full-scale failure—with a backup solution that enables fast, easy recovery for continuous availability of your data.

WHY FACTION?








- » 24x7 customer support and 100% availability Service Level Agreements (SLAs).
- » Aggregated performance—without capital expense—that only an infrastructure of our magnitude can provide.
- » Patented ‘plug n play’ Layer 2 topology allows customers to bring their network as-is without complex re-provisioning.
- » Dedicated network connection from your premise to our cloud.
- » Data centers spanning eight geographies worldwide reduce latency of critical applications.

53PERCENT

OF ENTERPRISES REPORTED THAT THEY “ARE ALREADY” OR “PLANNING TO” LEVERAGE PUBLIC CLOUD RESOURCES AS PART OF THEIR ENTERPRISE BIG-DATA ANALYTIC NEEDS.*

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TECH SPECS

 COMPUTE ENVIRONMENT		Open Compute 2.0 sleds; all solid state including boot	<ul style="list-style-type: none"> » Intel E5: 1-2 sockets 64-256 GB RAM » Intel E3: single sockets 32 GB RAM » AMD: 2-4 sockets 32-128 GB RAM
		Cisco UCS B-Series; all solid state including boot	<ul style="list-style-type: none"> » Intel E5: 1-4 sockets up to 1.5 TB RAM
 DATA CENTER ENVIRONMENT	Compliance	SSAE 16 SOC 1 and 2 Type II, HIPAA, PCI-capable	
	Environmental	N+1 (or better) redundancy for power and cooling	<ul style="list-style-type: none"> » A B + C AC power circuits » N+1 fan and power supply minimums
 NETWORKING	Host Network	Redundant connections for isolated storage, interconnect, and application networks	<ul style="list-style-type: none"> » Native dual 10 Gbps; active-active to host
	Network Fabric	High performance distributed core 10 Gbps technology	<ul style="list-style-type: none"> » 600 nanosecond port-to-port latency » Non-blocking fabric
	Storage Fabric	Redundant, high-performance connections with optimized path to hosts	<ul style="list-style-type: none"> » Up to 40 Gbps per storage node » Low-latency IP transport
 WAN	Carrier	Multi-carrier blend of Tier 1 and Tier 2 providers, dynamic routing and peering provides sub-40ms latency coast to coast	
	Interconnect Fabric	TRILL-based (Transparent Interconnection of Lots of Links) patent-pending layer 2 network topology	<ul style="list-style-type: none"> » .3 ms convergence » Any subnet anywhere, multi-tenancy » Virtual Routing Forwarding (VRF)
 HOST VIRTUALIZATION		Licensed monthly based upon consumed RAM	<ul style="list-style-type: none"> » VMware vCloud Director, vCloud API » VMware vSphere Enterprise Plus » VMware vShield, vShield Edge
		Underlying data storage volume served from multitenant, redundant network attached storage	
 STORAGE TIERS	High Performance	SAN attached flash-enabled for high availability, performance, flexibility and host persistence	NetApp Features & Protocol Support <ul style="list-style-type: none"> » RAID DP, WAFL, VSAN, clustered Data ONTAP®, associated features, multipathing » File Protocols: NFS » Block Protocols: ISCSI
	Standard Performance Optional	SAN attached flash enabled for high availability and flexibility. Volume dependent.	
	Archival Optional Add-On	NetApp Block Storage using ISCSI Protocol	
		File Protocols: NFS, CIFS	<ul style="list-style-type: none"> » REST and CDMI compliant over http/s. » NFS/CIFS compatible in data center
 OPTIONS		Software licensing options available for VDI, backup, recovery, and DR	
		Available for purchase through VMware Cloud-Credit program	
		Cloud migration services by RiverMeadow	

OUR PARTNERS



FACTIONINC.COM
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