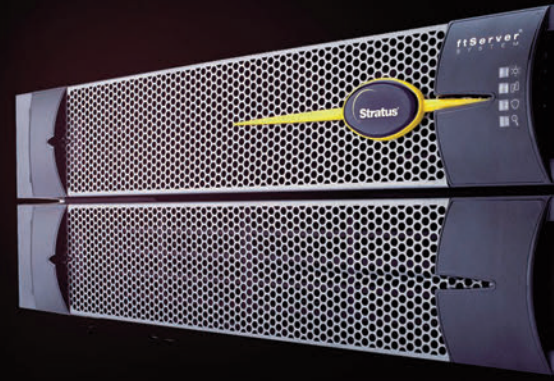


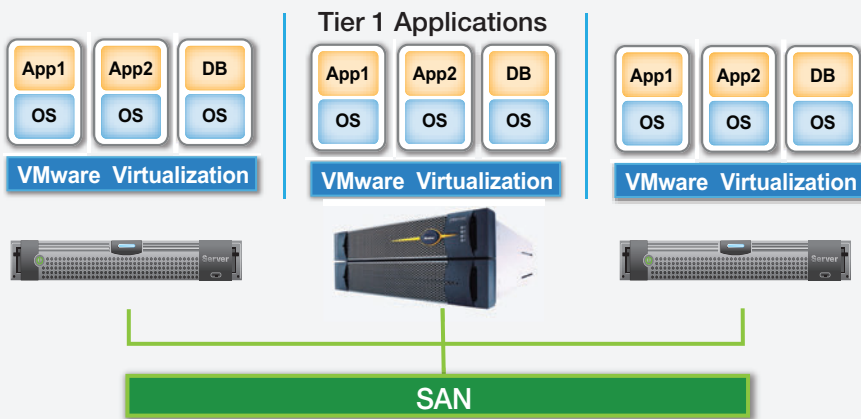
Virtualizing on VMware vSphere Software?

Reduce risk with fault-tolerant
Stratus ftServer platforms



Virtualization solutions that eliminate downtime, data loss, and performance degradation

Larger Data Center and Cloud Deployments



Remote/Branch Locations

Little or No IT support



Tier 1 Application Virtualization

- Stratus® ftServer® systems offer multicore symmetric multi-processing (SMP) and are ideal for I/O-intensive workloads such as: database engine, enterprise resource planning, card/payments processing, and cloud computing.
- Automatic “out-of-the-box” 99.999+% uptime protects your most critical applications from host faults that would otherwise result in VM failures.
- ftServer systems run all standard vSphere™ products including DRS, vMotion™, Storage vMotion and VMware® HA, without any modifications.
- Stratus’ internal and external fault-tolerant storage configurations are geared to a variety of speed and capacity requirements.
- Stratus Uptime Appliance for VMware vCenter™ Server guarantees the highest levels of uptime for VMware’s universal management platform.
- ftServer systems: No performance degradation, no failover, no restarts.

Remote/Branch Virtualization

- Low-end ftServer systems are ideal for volume deployments at remote sites, branch offices and shop floors.
- There’s no need for additional hardware, multiple software licenses, or costly external storage.
- Zero downtime and data loss.
- Automatic fault-detection, isolation, and reporting.
- Stratus 24/7 “lights out” monitoring and management services.

Uptime. All the time.



Dispelling the Myths

MYTH

REALITY

ftServer Systems

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> ■ Fault-tolerant ftServer systems are much more expensive than configurations that use commodity servers. | → | <ul style="list-style-type: none"> ■ ftServer systems are cost-effective solutions that can cost less than equivalent VMware configurations — before considering the cost of downtime. |
| <ul style="list-style-type: none"> ■ Hardware fault tolerance requires proprietary hardware, modified software and usually supports only a handful of guest operating systems (OS). | → | <ul style="list-style-type: none"> ■ ftServer systems are built with industry-standard components, run off-the-shelf VMware vSphere 5.x, and are compatible with all VMware-supported guest OSs. |
| <ul style="list-style-type: none"> ■ Fault-tolerant hardware is difficult to integrate into existing VMware ecosystems. | → | <ul style="list-style-type: none"> ■ ftServer systems transparently deliver fault-tolerance and seamlessly integrate with standard vSphere products. |

Zero downtime and data loss with complete multi-core SMP



Stratus
ftServer

VMware HA

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> ■ Provides complete host protection. | → | <ul style="list-style-type: none"> ■ VMware HA does not protect the host server or hypervisor against downtime or performance degradation. |
| <ul style="list-style-type: none"> ■ VMware HA eliminates downtime due to application crashes/restarts. | → | <ul style="list-style-type: none"> ■ VMware HA performs a rapid restart upon VM failure which may take many minutes or hours for large systems. |
| <ul style="list-style-type: none"> ■ VMware HA eliminates data loss. | → | <ul style="list-style-type: none"> ■ Data uncommitted to disk is lost during application or server crashes and restarts. |
| <ul style="list-style-type: none"> ■ No management is required | → | <ul style="list-style-type: none"> ■ Cluster capacity, policies, resources and software changes must all be managed / tested to validate proper operation. |

Best used with
ftServer systems

vmware

VMware FT

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> ■ VMware FT provides fault-tolerant protection for Tier 1 workloads. | → | <ul style="list-style-type: none"> ■ VMware FT is limited to a single processor core (vCPU). Tier 1 applications require multi-core symmetric multiprocessing. |
|--|---|---|

Not suitable for
Tier 1 apps

vmware

VMware and Stratus

Complete protection for your host, VMware hypervisor, and VMs.

Learn More

Call: 1-800-Stratus

Visit: www.stratus.com/virtualization

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