Accelerate Data Center Modernization

PRIMEFLEX for VMware vSAN

FUJITSU

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Accelerate Data Center Modernization

Hyper-converged infrastructures (HCI) are transforming the economics of IT, creating a next generation data center foundation that's agile, cost-efficient, resilient and dramatically simplifies the path to Hybrid IT.
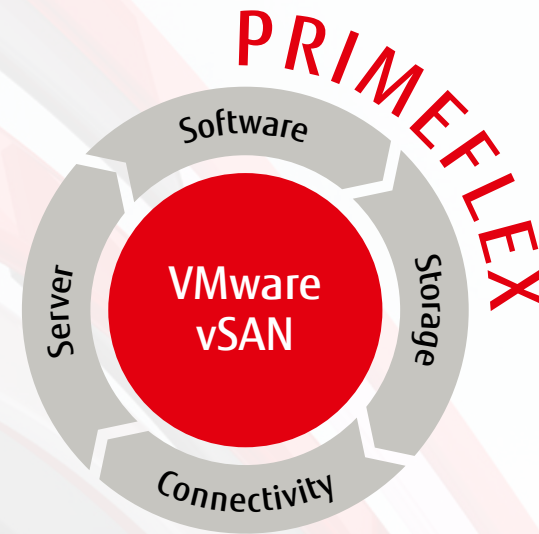
Considering the advantages of HCI, it's no wonder that organizations are keen to take the next step. Fujitsu Integrated System PRIMEFLEX for VMware vSAN helps IT organizations accelerate their data center modernization initiatives and maximize the operational experience of a VMware HCI environment.

As a fully integrated, pre-configured and tested VMware HCI appliance, PRIMEFLEX for VMware vSAN delivers a turnkey experience providing IT organizations with the easiest way to deploy a hyper-converged infrastructure based on VMware vSAN. In combination with tightly

integrated VMware and Fujitsu management software and a single point of contact for support, PRIMEFLEX for VMware vSAN dramatically simplifies the complete life cycle of a VMware-based hyper-converged IT infrastructure – from deployment, to operation, to scalability and maintenance.

PRIMEFLEX for VMware vSAN is powered by the leading VMware HCI software stack and Fujitsu Server PRIMERGY, the best-performing hardware platform for VMware environments.

Learn more about PRIMEFLEX for VMware vSAN:
www.fujitsu.com/global/pf4vsan

PRIMEFLEX

Software
Server
VMware vSAN
Storage
Connectivity

Your advantages:

- Get enterprise-class storage services
- Enjoy high application performance
- Grow as you go
- Simplify life cycle management
- Protect your business
- Reduce costs
- Get fast time to production and one-stop support
- Simplify path to hybrid IT

Get enterprise-class storage services

Benefit from VMware's leading hyper-converged architecture with all flash performance and enterprise-class storage services including de-duplication, compression and erasure coding, delivering elastic storage and drastically simplified storage management. PRIMEFLEX for VMware vSAN supports any HCI use case, including general-purpose virtualization, VDI, big data and analytics, remote and branch office, edge and even mission-critical workloads like SAP HANA.

Grow as you go

Better align CAPEX spend with business needs with non-disruptive linear scalability of compute and storage resources. Expand capacity and performance by adding up to 64 hosts to a cluster (scale-out) or just grow capacity by adding disks to a host (scale-up).

Enjoy high application performance

Set up a high-performance, responsive virtual IT infrastructure that provides consistent IOPS with sub-millisecond response times. Fujitsu PRIMERGY x86-servers deliver the most powerful VMware virtualization platform having a long track record of continuous outstanding benchmark results, enjoying the longest leadership positions in most of the VMware VMmark 2.x benchmark categories and continue to lead in VMmark 3.x.

Simplify life cycle management

Leverage tightly integrated VMware and Fujitsu life cycle management software covering the complete software and hardware stack. Fujitsu Software Infrastructure Manager (ISM) provides intelligent and innovative system management providing all the functions for fail-safe, flexible and automated 24x7 server operations. HCL (Hardware Compatibility List) compliant firmware management makes sure your vSAN cluster includes only supported server configurations at all times – from day 1 to end of life. This mitigates the risk for IT admins of running into support issues and the risk of adding inconsistent system configurations when scaling the infrastructure.

Protect your business

Save guard your business against data loss from a wide variety of fail-ures – from a single drive to an entire site. Create a robust stretched cluster with site and local protection between two geographically separate sites, synchronously replicating data between sites. It enables enterprise-level availability where an entire site failure can be tolerated as well as lo-cal component failures, with no data loss and near zero downtime.

Get fast time to production

Eliminate complex processes around system design, test and configura-tion with an expert-integrated system with guaranteed interoperability, freeing organizations from dealing with complex interoperability matrixes. Fujitsu Software Infrastructure Manager (ISM) provides automated set-up and rollout of multiple identical installations significantly reducing the time required to get your hyper-converged infrastructure up and running.

Reduce costs

PRIMEFLEX for VMware vSAN uses local storage of standard x86-servers, which significantly lowers TCO versus traditional storage approaches. Benefit from the convergence of compute and storage resources in an industry-standard server to reduce infrastructure footprint and save floor space, power and cool-ing expenses. In a recent survey by industry analyst firm FreeForm Dynamics 33% of all customers who have deployed a hyper-converged infrastructure are reporting actual savings between 50% and 75% versus a traditional infra-structure approach. Another 46% report savings between 25% and 50%.

Simplify path to hybrid IT

In a recent survey by industry analyst firm FreeForm Dynamics 66% of all customers agree that hyper-converged infrastructures provide an ideal founda-tion for Hybrid IT use cases. PRIMEFLEX for VMware vSAN dramatically simplifies the path to hybrid IT by delivering a common platform for on-premises and off-premises deployments, enabling a consistent operational experience and the ability to quickly and easily move workloads at scale across clouds without re-architecting applications. With the Fujitsu service offering for VMware Cloud on AWS, Fujitsu helps organizations on VMware enterprise environments to unlock the benefits of Amazon Web Services (AWS) alongside a mix of any other cloud platforms – without the need for large or costly transformation projects.

PRIMEFLEX for VMware vSAN –
providing the simplest way to deploy VMware vSAN

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PRIMEFLEX for VMware vSAN has been specifically engineered by VMware and Fujitsu to streamline the deployment, integration, management, upgrade and expansion of VMware vSAN environments.

PRIMEFLEX for VMware vSAN is delivered on a high-performance and energy-efficient server platform – Fujitsu Server PRIMERGY powered by latest Intel® Xeon® Scalable family processors. As well as excellent virtualization performance, the servers deliver the best economics in terms of density, energy consumption, heat dissipation and operating costs.

Delivering choice of deployment options
In addition to the appliance approach, Fujitsu offers PRIMEFLEX for VMware vSAN also as a validated reference architecture based on a broad range of certified vSAN ReadyNodes™ for those customers, who prefer highest flexibility of choice for building a VMware HCI environment.

Support and financing
Fujitsu is your single point of contact for PRIMEFLEX for VMware vSAN. The Fujitsu SolutionPacks for integrated systems provide end-to-end infrastructure support covering the complete hardware and software stack. A unique solution identifier for PRIMEFLEX for VMware vSAN allows our support teams to make solution-level decisions when working with these sometimes complex systems. For example, this enables us to route support calls to specialized, solution aware support engineers making for easier support interactions with speedier resolution times. Fujitsu Financial Services can also offer you a complete portfolio of IT leasing and financing solutions, trade-in and buy-back options.

Learn more about Integrated Systems from Fujitsu:

→ www.fujitsu.com/primeflex