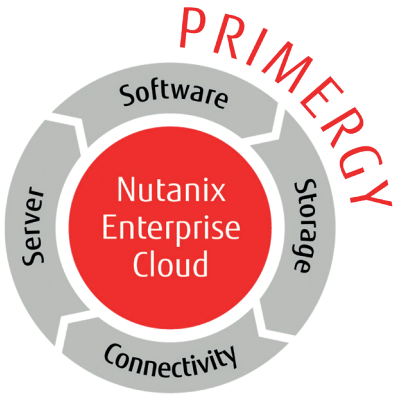
Get back to being human

Nutanix Enterprise Cloud on PRIMERGY

You are not a robot. Even though all that complex IT admin might make you feel like one. So make your life simpler, with the power and agility of Nutanix Enterprise Cloud, and the leading performance and reliability of Fujitsu PRIMERGY servers. Then get back to being human.



Multi-cloud infrastructures are freeing up the economics of IT. Unlike traditional infrastructures, an enterprise cloud spans multiple clouds from private to public to edge clouds, creating a next generation enterprise cloud data centre that's even more cost-efficient, resilient, and adaptable to changing business scenarios.

Organisations are eager to find new and better ways for IT infrastructure to keep up with the demand for new and growing applications. Trying to manage disparate clouds from private to public to edge clouds is a complex challenge. However, Fujitsu can provide an enterprise cloud appliance that spans all these clouds: the Nutanix Enterprise Cloud on PRIMERGY.

Nutanix Enterprise Cloud on PRIMERGY is a multi-cloud, multi-hypervisor appliance that includes all the hardware and software required to simplify procurement and deployment by using hyper-converged building blocks. It leverages high performance, energy-efficient FUJITSU PRIMERGY standard x86 servers and the software-defined compute, virtualisation and storage technology in the Nutanix Acropolis Cloud OS, Prism management and Calm orchestration. All of which is backed by a single support contract for the whole solution stack to reduce time to resolution. The result is reduced complexity and vastly superior TCO from this multi-cloud infrastructure environment.

Ready to re-humanise?

- Deploy a cluster in under 15 minutes
- Exceed performance expectations with 250K + IOPS per server
- Scale up with an endless number of systems and unlimited storage
- Mitigate risk with built-in resiliency
- Keep track with simple one-click management and single console administration
- Achieve more with multi-hypervisor support

Learn more about Nutanix Enterprise Cloud on PRIMERGY:
www.nutanix-on-primergy.solutions

shaping tomorrow with you

Adaptable IT. Without all the admin.

The challenge is on. As enterprises move to digital business processes spanning multiple clouds, data centre operations need to provide a responsive IT infrastructure that satisfies the growing demand for better service levels. Nutanix Enterprise Cloud on PRIMERGY delivers the speed, flexibility, reliability and scalability you need. Across multiple clouds. So you can deploy a more adaptable IT that's aligned to future business needs. And won't make you feel like a total robot.

Fast time to value

Mitigate risk with turnkey factory-integrated delivery and automated setup to deliver from 61% time savings to deploy, manage, and support.

Flexible choice of leading hypervisors optimises cost of virtualisation

Customers can choose their preferred hypervisor ranging from the built-in Nutanix AHV to VMware ESXi to Microsoft Hyper-V hypervisors. Customers have the option to also switch between hypervisors with a single-click migration.

Grow as you go

Scale your environment to an endless number of systems and unlimited storage. To scale out, simply add more system nodes. Nutanix Enterprise Cloud on PRIMERGY will automatically onboard new nodes and begin using them.

Improve storage efficiency

Unique innovations offer better space and performance trade-offs than classic RAID configurations. Erasure coding and advanced compression deliver up to 4x greater storage efficiency.

More time for value-added activity

Since server and storage management are consolidated, you can move valuable staff resources from infrastructure-related management tasks to activities that create business value.

Need for speed?

Nutanix Enterprise Cloud on PRIMERGY provides support for industry-leading hypervisors, including the built-in Nutanix AHV hypervisor in combination with high speed flash disk devices and high-throughput, low-latency networking technology. You can therefore set up a high-performance, responsive virtual IT infrastructure that provides consistent IOPS with sub-millisecond response times. In all-flash or hybrid disk configurations, Nutanix Enterprise Cloud on PRIMERGY easily exceeds 250,000 IOPS.

Protect your business

Built-in resiliency handles drive, server, or component failures – delivering continuous availability. If hardware fails, just swap it out; the software heals itself, with no complicated management steps.

Reduce storage costs

Nutanix Enterprise Cloud on PRIMERGY uses on-board storage local to each node. This reduces costs and eliminates the need for extra tools and training for managing complex external SAN infrastructures.

Reduce time to resolution

Get 24/7 support for the complete hardware and software stack from a single point of contact.

Simplify infrastructure setup

Once you have the systems mounted and cabled in a rack, the Linux or Windows operating system installed, and networking configured, you're looking at under 15 minutes to get the cluster configured.

Simplify infrastructure management

No specialised skill or expensive training is required – perfect for environments such as remote or branch office locations with limited IT staff to even the most demanding enterprise data centres. Integrated load balancing automatically migrates overly busy VMs to other system nodes in the cluster to ensure service levels are consistent. The Nutanix Prism management tool provides continuous built-in monitoring and alerting, and APIs make it easy to collect rich, cluster-wide performance and capacity metrics. Nutanix Calm application lifecycle management and cloud orchestration accelerates application deployments into private or public cloud environments.

Think bigger picture

With over 30 years' experience managing data centres Fujitsu can provide professional services to help architect the whole infrastructure to suit your needs.

Built for humans, not machines

By now you should understand how you can simplify system management and free yourself from the manual tasks that take up most of your day.

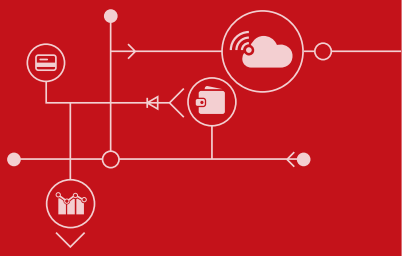
Nutanix Enterprise Cloud on PRIMERGY is fully tested and delivered on a high-performance and energy-efficient server platform for multiple leading hypervisor cluster environments – FUJITSU Server PRIMERGY powered by Intel® Xeon® processors. As well as excellent virtualisation performance, the servers deliver the best economics in terms of density, energy consumption, heat dissipation and operating costs. In addition, Fujitsu provides intelligent and innovative system management solutions providing all the functions for fail-safe, flexible and automated 24x7 server operations.

Flexible financing

Fujitsu Financial Services can also offer you a complete portfolio of IT leasing and financing solutions, trade-in and buy-back options.

"Nutanix has enabled us to build a highly available stack for mission-critical workloads that is easy to understand. We wanted to deploy a solution that is so simple to operate that customers could create their own VMs for a project, or expand their environment without our help. We get that by using Nutanix."

Joep Piscaer
CTO of OGD ict-diensten



	XF3070 1U SFF	XF8050 2U SFF	XF8055 2U LFF
Nutanix Software	Acropolis Cloud OS data services, Prism management, and Calm orchestration		
CPU	Intel Xeon Gold (61xx, 51xx), Intel Xeon Silver (41xx)		
Memory	256GB - 1536GB		
Storage	8x 2.5-inch drives All-Flash and Hybrid	24x 2.5-inch drives All-Flash and Hybrid	12x 3.5-inch drives All-Flash and Hybrid
Networking	10GbE or 25GbE		
Hypervisors	Nutanix AHV, VMware ESXi, Microsoft Hyper-V		
Scalability	Unlimited # of nodes, storage and VMs supported		
Availablity	Under Development	Under Development	Available Now

Calculating key advantages...

- Faster time to production for your cloud and virtual infrastructure
- Easy to order, deploy, operate and scale
- High performance, availability and efficiency
- Grow as you go with no large upfront investments
- Reduce storage costs, save floor space, power and cooling expenses
- Security built-in from initial deployment and for on-going operations

Get back to being human. Learn more about Nutanix Enterprise Cloud on PRIMERGY:
www.nutanix-on-primergy.solutions

© 2019 Fujitsu Technology Solutions
All rights reserved, including intellectual property rights. Fujitsu, the Fujitsu logo, other Fujitsu trademarks or registered trademarks are trademarks or registered trademarks of Fujitsu Limited in Japan and other countries. Other company, product and service names may be trademarks or registered trademarks of their respective owners. Technical data are subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.