



NetApp[®]
Go further, faster



NetApp Based Cloud Services > **Infrastructure as a Service**

Quest Unified Virtual Data Center

Streamlined 21st-century adaptability and performance you can afford

CLOUD SERVICE HIGHLIGHTS

Streamline your IT environment without the headaches from overseeing a significant infrastructure transformation or adding staff.

Boost the performance and manageability of your business-critical applications, resulting in 99.999% uptime.

Improve the security of your data and applications.

Receive the consistent, reliable technical expertise you need to quickly right-scale your data center capabilities as your needs evolve.

Reduce IT capital expenditures by 35% with sensibly customized pay-as-you-go plans.

Count on the secure, flexible 24x7x365 availability of an expanding portfolio of service delivery centers, located nationwide (check out this map).

THE CHALLENGE

Eliminate IT waste with trustworthy virtualization

For many organizations, IT has become too unwieldy, too expensive, and too slow at a time when agility and responsiveness are essential for success.

Blame it on traditional data center architectures, whereby silo applications, data on servers, and storage devices don't interact. The result is a "you-can't-get-there-from-here" IT environment burdened by wasted resources and complex management hassles that often lead to risky administrative lapses.

Yet migrating sensitive data and applications to a virtualized data center that shares server, storage, and network resources among numerous users and/or organizations also seems risky. Can such cloud-based virtual partitions really be counted on to keep sensitive information assets secure?

THE CLOUD SERVICE

A secure, trouble-free virtual data center

In fact, the right unified virtual data center services will keep data and applications secure.

Based on products from NetApp, Cisco, VMware, F5, and other leading IT vendors, Quest delivers highly secure, highly available Unified Virtual Data Center services from our nationwide Service Delivery Centers. Quest keeps your data and applications secure and available, while you're spared the trouble and expense of owning and maintaining an IT infrastructure.

Quest won't sell you a predetermined service package and walk away. Instead, we take the time to understand both your objectives and what's necessary to achieve them. Then our experts work seamlessly with your staff, systems, policies, and procedures to design and support the exact unified Unified Virtual Data Center service you need and can afford.

If your organization runs its own data center, you understand the struggle to meet constant requests for new applications and better functionality while reducing costs—all to remain secure and available in the face of quickly evolving threats and hard-to-predict disruptions—and to master powerful new technologies without access to the necessary expertise.

If you sense that your data center just isn't able to keep your business sufficiently competitive, you're probably right. That's because a new kind of data center architecture—unified virtualization—is emerging. Unified virtualization addresses not only a difficult economic climate, but also the explosive growth in data storage needs and the associated issues. You can “virtually” reduce and eliminate the pressure to overcome both system complexity and the physical limits posed by traditional data center demands for power, space, and cooling.

STREAMLINE YOUR IT WITHOUT ALL THE HEADACHES

What if your organization is not prepared to spend the time and money to bring unified virtualization to your data center? And what if you are willing to forgo

your modest server farm for a leading-edge cloud environment? If so, you can streamline the way your business uses IT without breaking your budget with Quest's Unified Virtual Data Center service.

A cloud architecture that works

Quest's Unified Virtual Data Center services are built using a comprehensive, integrated set of hardware and software from NetApp, Cisco, VMware, F5, and other leading IT vendors. Together they offer the exceptional synergies of a simplified, unified architecture that enables unsurpassed end-to-end security and isolation in virtualized environments.

Customization you can count on

Quest combines greater agility, lower cost, and minimized risk inherent to its cloud infrastructure with flexible service delivery models, customized to the needs of each customer and delivered to you from our nationwide service delivery centers.

Whether you need shared or dedicated hosting or you prefer a private or a public cloud, Quest delivers the operational IT efficiency your business needs.

BOOST APPLICATION PERFORMANCE AND MANAGEABILITY

An inadequate IT infrastructure can inhibit application performance and spawn management nightmares. Quest's Unified Virtual Data Center services can save you from this, because these responsibilities are handled by the experts at Quest's Service Delivery Centers.

And because Quest's highly available cloud infrastructure is so advanced, it quickly and automatically recovers from application or environment failures.

Monitoring, provisioning, and management have been simplified, thanks to inherent functionality embedded into the infrastructure's network fabric. A single, redundant, uniform pool of resources can be configured on demand, and every aspect of the servers and their I/O connectivity is automatic, so they're put to use in minutes instead of hours or days.

IMPROVE DATA AND APPLICATION SECURITY

Quest's cloud infrastructure securely partitions virtual machines (VMs) to meet your needs for a dedicated environment or a shared infrastructure



model. Once the VMs are securely isolated, they're connected to secured storage systems through a segmented, secured network.

With Quest your data is safe and its integrity is rigorously maintained. Your data and access are securely isolated without compromising workload performance.

SCALE YOUR IT WHEN YOU WANT, HOW YOU WANT IT

Quest's cloud infrastructure enables you to quickly scale up or down as business conditions require. And our expert staff is ready to help you figure out the most effective way to optimize your IT capabilities so you can accommodate changes in your business and leverage new opportunities. No longer will you have to wait for your IT operations to catch up with your business.

REDUCE IT CAPEX WITH CUSTOMIZED SERVICES

Using a cloud infrastructure based on our unified virtualization architecture can substantially reduce future IT spending.

From capex to opex

When Quest takes on the maintenance and management of the infrastructure itself, you won't have to deal with increased capital expenditures, since the monthly fee for your Unified Virtual Data Center services are provided through operating expenses.

When you opt for Quest's Unified Virtual Data Center services, you won't pay for packaged services or capabilities you don't want or use. At Quest, we customize our services to meet your requirements.

Expertise and ongoing support

Our deeply experienced staff of professionals will work with you to understand your objectives as well as your current IT environment—and then they'll figure out how to affordably accomplish those objectives. Quest experts will work with you at every level—translating business goals into technical requirements, and technical requirements into implementation plans, and following through with deployment, management, and ongoing support.

You'll get the IT capability your organization needs for a single monthly fee—and leave the hassles and headaches to Quest.

NETAPP HELPS QUEST'S CUSTOMERS DO MORE WITH LESS

The ability to understand your specific business needs and then customize affordable, efficient cloud services to meet those needs is a core element of Quest's business model.

Because we want to provide you with optimum value for your IT spend, we're continually searching out and embracing third-party products and services that cost-effectively meet the challenges our clients face.

That's why Quest relies on the efficiency, flexibility, versatility, and ease of management built into NetApp® storage systems.

NetApp's extensive storage expertise, innovative technologies, and proven best practices make it possible for Quest's customers to do more with less—and do it with more agility. That, in turn, enables us to boost the power of our infrastructure so we can deliver affordable, efficient business continuity;

QUEST PRODUCTS AND TECHNOLOGIES	NETAPP PRODUCTS AND TECHNOLOGIES	THIRD-PARTY PRODUCTS AND TECHNOLOGIES
Quest Unified Virtual Data Center design, management, and performance/fault monitoring services	FAS2000 and FAS 3000 series storage systems	HP ProLiant servers
24x7x365 incident tracking and customer notification	Data ONTAP® storage operating system	Cisco Unified Computing System™ blade servers, Cisco® Catalyst® switches, Cisco MDS multilayer fabric switch
Desktop control, performance, and security	Efficiency technologies: deduplication, FlexVol®, FlexClone®	VMware® vSphere™, VMware vCenter™ Site Recovery Manager
Network and server security and malware protection	Integrated data protection: Snapshot®, SnapVault®, SnapMirror®	

Table 1) Quest and NetApp service components

disaster recovery; and data backup, replication, and restore capabilities to businesses of all sizes spanning many industry sectors. Whether it's private-cloud, public-cloud, or hybrid-cloud services, Quest and NetApp can deliver.

RELATED SERVICES

Disaster Recovery/Business Continuity

Quest can help implement a sensible and cost-effective business continuity plan to safeguard your systems and data in the event an interruption occurs. Quest can have your business back online in a matter of minutes. By combining real-time data replication, secure data storage, and the quick-restore capabilities of front-line and benchmarked disaster recovery solutions, Quest brings your business the reliable, scalable data storage it needs and the ability to recover from business disruptions large and small.

Desktop Virtualization

Significantly reduce your desktop acquisition, operating, and management costs with Quest's Desktop Virtualization service. Quest can deploy personalized virtual desktops that include the operating system, applications, and data, enabling desktop administrators to increase control and reduce the total cost of desktop ownership.

Virtual Application Development

With Quest's Virtual Application Development services, developers can customize your real-world environment in any of our nationwide service delivery centers, which include a virtual private data center, connectivity, client configuration, security, and recovery testing. The customized configuration enables developers to model and readily optimize their software development storage environment.

ABOUT QUEST

Quest is one of the nation's leading technology consulting and management firms, providing Professional, Managed and Cloud Services in business continuity, disaster recovery, data storage and co-location, security, networking, telecommunications, wireless, and technical staffing. Visit us at www.questsys.com. Quest is a member of the NetApp Partner Program for Service Providers.

ABOUT NETAPP

NetApp creates innovative storage and data management solutions that deliver outstanding cost efficiency and accelerate performance breakthroughs. Discover our passion for helping companies around the world go further, faster at www.netapp.com.

