



Solution Brief

Modernize Your Data Infrastructure

Unlock new speed, simplicity, and responsiveness in your business

Key Benefits

Move and Access Data—Anytime, Anywhere

- Manage all of your data—in data centers, branches, and clouds—as a single, flexible Data Fabric
- Capitalize on the cloud to bring new services to users more quickly
- Rapidly respond to ever-changing demands by moving data and applications among cloud providers wherever it can help your business

Faster, More Responsive IT Delivery

- Accelerate service delivery and application performance
- Capitalize on cloud speed, efficiency, and scalability
- See and manage your data everywhere

Preserve Choice and Flexibility

- Choose from best-in-class technologies to build solutions on your terms
- Use preintegrated solutions from industry leaders in cloud, virtualization, and open source
- Deliver amazing user experiences while keeping your data infrastructure simple and secure

The Challenge

New technology innovations are disrupting traditional businesses, and even entire industries. With explosive growth in mobile devices and social media, everyone is connected, all the time. For business, that means huge increases in the speed and volume of data you now have to handle and an expectation that you can provide access to that data anytime, anywhere. Meanwhile, as companies transition from physical to digital business models, they're seeing very different growth rates, performance needs, and functional IT requirements than in the past. More data, digital images, and video are being generated than ever before, and all of that content needs to be stored and archived somewhere.

Faced with all of these changes, businesses are rethinking their data infrastructures. They're looking to cloud platforms, software-defined automation, flash storage, and OpenStack to run leaner and more quickly and bring innovative new services to users and customers wherever opportunities arise. At least, that's the plan.

Too often, legacy storage systems throw up roadblocks that prevent you from realizing the full value of your IT investments. When your clouds are siloed and spread among many different locations, it's harder to access what you need when you need it. You can't scale up and out to the cloud as quickly as competitors when introducing new services. If you lose connectivity to your data every time you move it, you have a harder time meeting SLAs and responding quickly when your business changes. Having to navigate separate management processes for all your different storage—physical, virtual, private and public cloud, branch—can prevent you from delivering seamless application experiences. And if you can't see what's happening with your data everywhere at a glance, managing and protecting all your content become a slow, onerous chore.

To keep pace with today's fast-moving technology landscape—and get the most from the technologies designed to help you do it—you need two core capabilities:

- **Flexibility to move and access data anytime, anywhere.** Your data infrastructure should support a cloud strategy that unifies data stored across any location. It should be a strategic asset on which your business can rely to introduce new services with unprecedented speed, scale, and scope. You should be able to create a hyperscale data center that can deliver business-critical applications and content at scale. And you should be able to automate your agile data center across hybrid on- and off-premises environments.

- **Fast responsiveness to business requests.** Your data infrastructure should make it easy to meet SLAs and respond more quickly to new workload requests and changes. It should provide outstanding performance and reliability by default and deliver all of your critical data and applications with no service interruptions. It should help you keep operating and capital costs down through efficiency, flexibility, and better resource utilization. And it should allow you to take advantage of software-driven automation for speed and cost efficiency at scale.

The Solution: Modernize Your Data Infrastructure with NetApp

NetApp offers the right storage and data management solutions to help you realize the full benefit of new IT innovations in your business and become more agile, more flexible, and faster. It starts with NetApp® clustered Data ONTAP®, the storage OS designed for responsiveness, scale, and simplicity in today's dynamic IT landscape. NetApp can help you connect all of your data infrastructure—spanning data centers, remote offices, and clouds—into a single, flexible Data Fabric.

With a Data Fabric built on NetApp data management solutions, you can modernize your data infrastructure:

- Make your data mobile, accessible, and easy to manage, no matter where it resides
- Respond faster to ever-changing demands
- Keep your business running at all times
- Build a lasting foundation to continually capitalize on new technology innovations that help your business grow

NetApp offers proven expertise and innovation to help you plan, build, and run a state-of-the-art Data Fabric. You can unlock the full value of your IT investments and make your business more agile, responsive, and competitive.

Move and Access Data—Anytime, Anywhere

With a Data Fabric enabled by NetApp, all of your organization's data—in diverse data center environments, across private and public clouds, even at remote branches—is a single, cohesive whole. Move, manage, and protect your data no matter where it is. You can:

- Scale applications and services to public clouds without worrying about infrastructure boundaries
- Use hypercloud providers to bring new services to market and scale them up faster—without losing control of your data
- Respond faster to changing demands by moving data and applications to whichever cloud resources and providers make sense

Unlock Fast, Responsive IT Service Delivery

New innovations in software-defined automation, superfast flash storage, and the cloud can give your business amazing flexibility and agility. Don't let legacy storage systems stand in the way. With NetApp solutions built on clustered Data ONTAP, you can:

- **Automate service delivery.** Build a software-defined storage foundation that gives users exactly the resources they need, right when they need them.
- **Boost application performance up to 20x faster.** NetApp All Flash FAS solutions powered by clustered Data ONTAP harness the full power of flash. Run applications at peak performance and efficiency as you move data seamlessly from flash to disk to cloud.
- **Gain cloud speed and scalability.** Scaling from on-premises to public clouds has never been easier with flexible storage infrastructure solutions that build seamless connections among your clouds. Clustered Data ONTAP gives you data protection and performance built for hybrid cloud.
- **See and manage your data everywhere.** Understand what's happening in your networks, storage, and servers across all domains, locations, and physical and virtual environments. NetApp OnCommand® Insight storage resource management gives you multivendor resource management and analysis across your entire Data Fabric.

Together, these data management solutions with clustered Data ONTAP unlock the full potential of your data infrastructure so you can meet your users' expectations, minimize risks, and get the most from your IT investments.

Preserve Choice and Flexibility

Technology changes fast. You want to use best-in-class products from vendors you know and trust, and you shouldn't have to sacrifice simplicity and reliability to do it. NetApp works with a world-class ecosystem of application, technology, and cloud partners to provide preintegrated solutions that deliver amazing user experiences:

- **VMware.** NetApp and VMware integrated solutions combine clustered Data ONTAP with VMware virtual storage management, workflow automation, and disaster recovery systems.
- **Cisco.** With FlexPod® from NetApp and Cisco, you can achieve exceptional application performance, efficiency, and cloud support in a leading integrated infrastructure solution.
- **OpenStack.** Use the power of NetApp clustered Data ONTAP to unlock efficient, scalable, and high-performing open-source cloud services.
- **Microsoft.** Accelerate and optimize IT service delivery with NetApp and Microsoft integrated solutions.

NetApp Services

NetApp offers proven expertise to help you plan, build, and run an advanced Data Fabric. NetApp Services can help you harness NetApp solutions and clustered Data ONTAP to streamline IT operations, deliver better experiences, and fuel business growth. Delivered by NetApp and backed by your trusted partner, NetApp Services helps you realize the full value of your IT investments and achieve success on your terms.

Get the Most from Your Data Infrastructure

Cloud scalability, software-defined automation, and new storage and virtualization technologies can make your business faster and more responsive than ever before. Don't let yesterday's

storage systems prevent you from capitalizing on them. NetApp can help you create a state-of-the-art data infrastructure built for a digital, mobile, and cloud-connected world and unleash the full potential of your business.

About NetApp

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future.

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