

IMPROVE RECOVERY TIME OBJECTIVES FOR HEALTHCARE IT SYSTEMS

Streamline Disaster Recovery with VMware NSX

There's no telling when disaster may strike, be it at the hands of mother nature or human error, which makes disaster recovery (DR) a necessary component of any healthcare IT team's strategy. It's imperative that patient care workflows remain online. Loss of access to critical care systems can mean the difference between life and death.

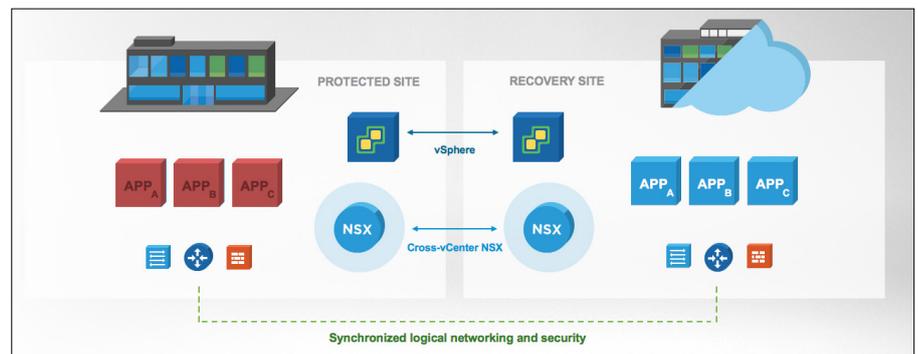
Traditional DR strategies involve replicating the primary site's infrastructure at a recovery site so that in the event of failover, the recovery site can be brought online quickly and easily after applications have been moved over. While there are recovery solutions that do a good job of recovering data center storage and workloads, preparing the network to support those workloads is not typically as straight forward. In addition to having to maintain the physical infrastructure at the recovery site, spinning up that infrastructure often requires manual reconfiguration of network IP addresses on a per application basis. With the increasingly distributed nature of healthcare applications today, particularly EHR systems, this can take hours or even days and is ultimately impractical.

KEY POINTS

- Traditional disaster recovery strategies are costly, slow, and risky.
- Even with DR tools, networking and security services are difficult to spin up in a recovery site, slowing down the recovery of critical applications like EHR systems.
- VMware NSX improves recovery time objectives by as much as 80% by virtualizing networking and security services.

Reduce Recovery Time with NSX

By defining networking and security services logically in software, VMware NSX® can drastically reduce recovery time objectives by as much as 80%. Virtualized network topologies can be extended across sites, meaning network services are agnostic to the geographical location. When a disaster recovery solution, such as VMware Site Recovery Manager™, recovers an application in the recovery site, NSX ensures that the networking and security services that support the application are ready and waiting.



Disaster Recovery with NSX

“NSX is the exact solution we needed to pull this off, to bind three data centers into a single data center. Now there’s no difference between data centers in different physical locations. It’s as if they’re in a single rack.”

JOEL VENGCO
CIO
BAYSTATE HEALTH

“We’ve achieved our goals of higher availability and uptime, reduced maintenance costs, increased security and gained the flexibility to adapt.”

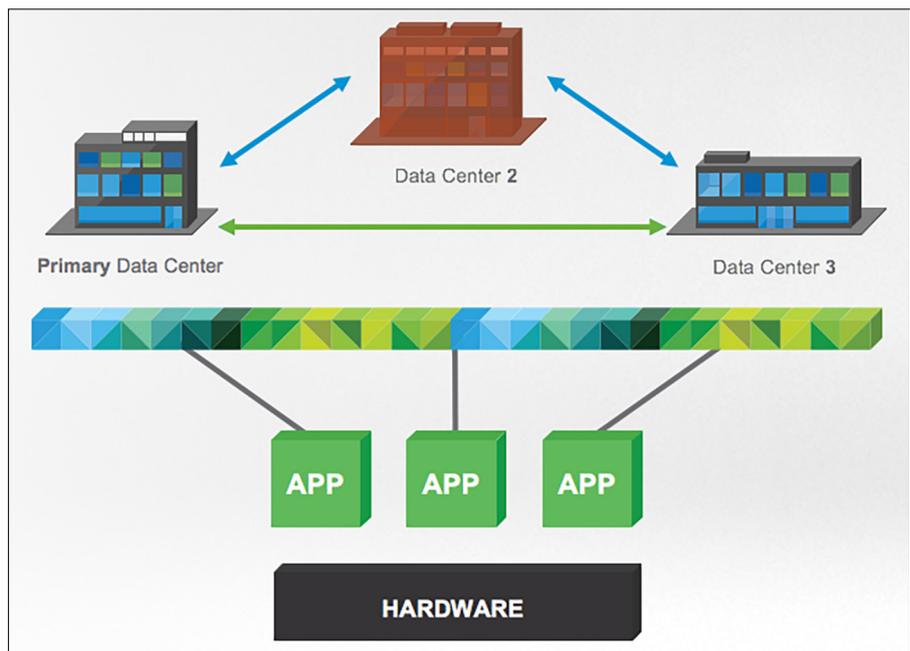
PATRICK STRECK
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BAYSTATE HEALTH

LEARN MORE

For more information, visit [VMware Solutions for Healthcare](#).

“Always-on” Architecture

Virtualized network services can span multiple data center sites and even the public cloud. This means that public cloud resources can now be used for disaster recovery, avoiding altogether the need to build under-utilized infrastructure purely for recovery. By allowing administrators to stretch logical networks across geographic sites, including the public cloud, healthcare IT organizations can begin to embrace “always-on” topologies. In these environments, even if a data center goes down, critical care systems will remain online with no down time.



“Always-on” Application Availability

