

CloudArray®

Zero-Friction Enterprise Storage™



Delivering Cloud Storage to your Data Center

October, 2011



Company overview

- Founded in 2007, product GA May 2010, based in Natick, MA
- CloudArray® allows customers to leverage the scalability and efficiency of Cloud Storage while maintaining the availability, performance and security of local storage
- Innovator in cloud storage and data protection solutions



- CloudArray® is flexible - offered as either a virtual or physical appliance with extensive industry partnerships.



Storage Infrastructure

Servers

[Database](#)

[Mail](#)

[Web](#)

[Tiering](#)

[File](#)

[Backup](#)

[Archive](#)

Requirements

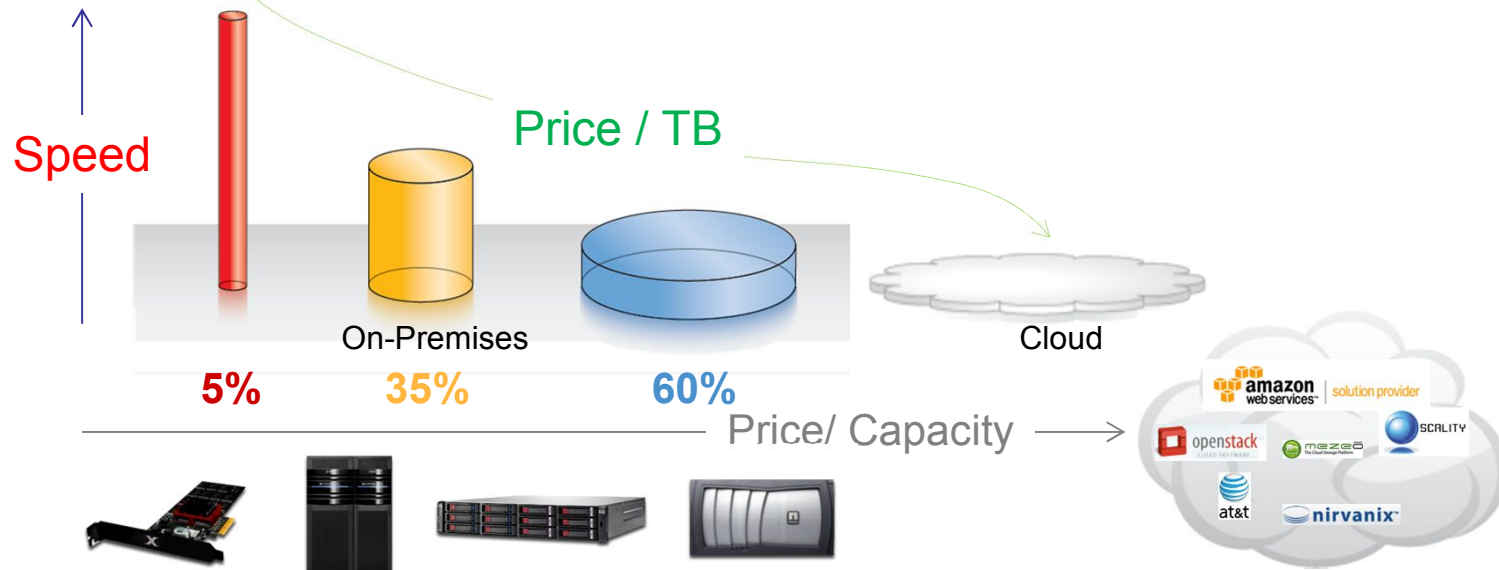
High Demand Workload

Less Demanding Workload

← “Full Cache” / Local Copy

Partial Cache →

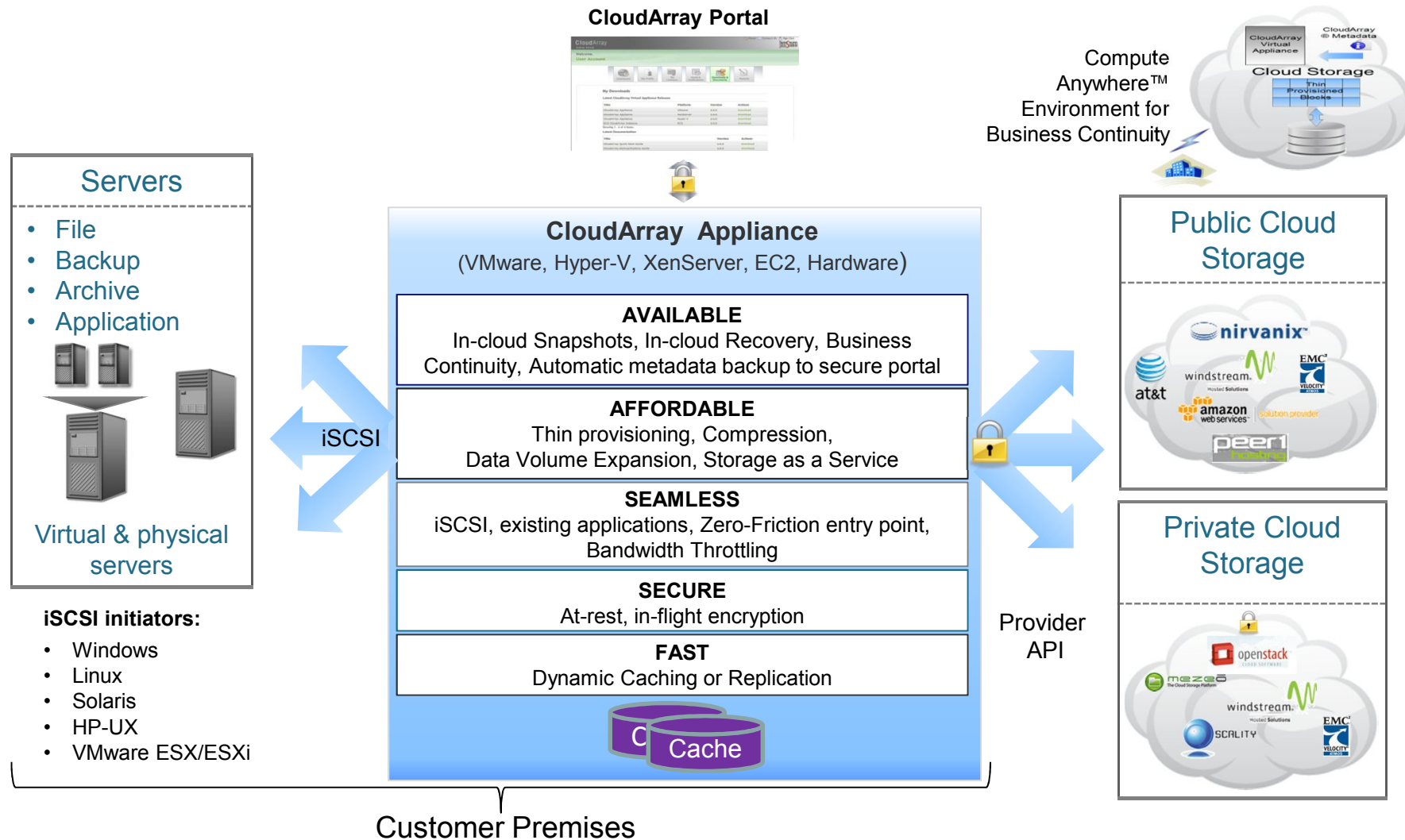
CloudArray – Local Volumes in the Cloud



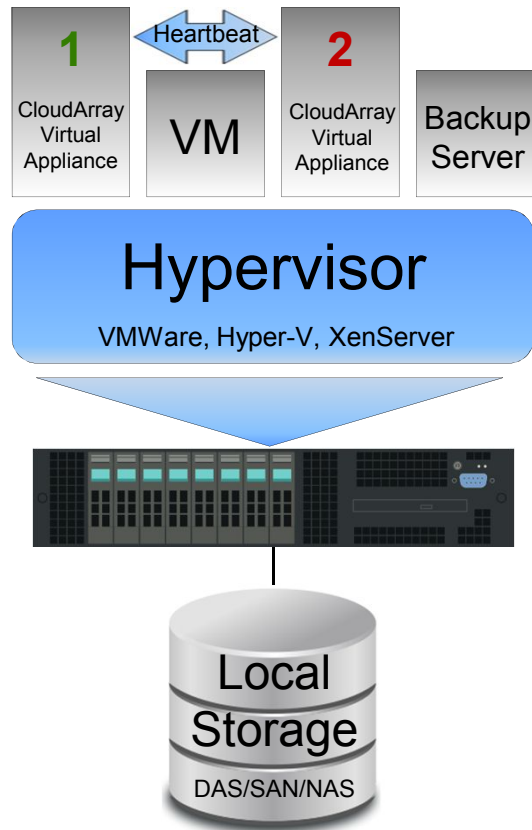


CloudArray® Hybrid Storage

Zero U. Zero-friction, Enterprise-class, Data Protection



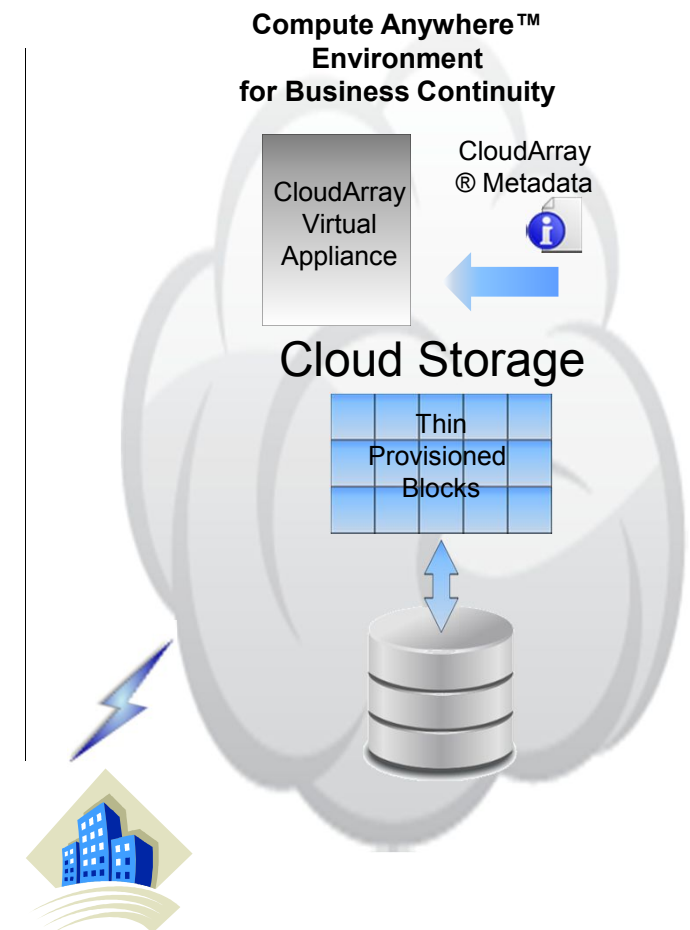
vMotion, HA, FT



Recovery Offsite



Recovery to the Cloud





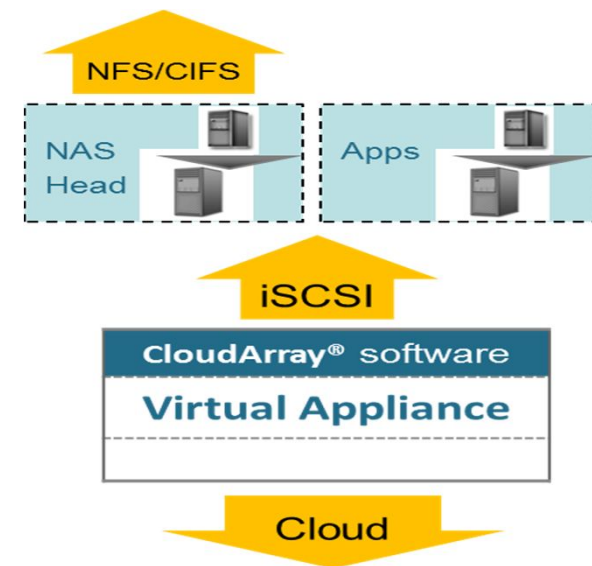
CloudArray® Virtual Appliance

System Requirements

- 64-bit server running VMware ESX or ESXi Server v3.5 or higher, Citrix Xenserver v5.5 or higher, Microsoft Hyper-V, Amazon EC2
- 50 GB free disk space min
- 1GHz 64-bit x86-based CPU min (2 CPUs recommended)
- 4GB RAM
- 1Gb Ethernet network

Benefits

- Ease of Deployment
- Rapid Disaster Recovery
- Free 30 Day Trial





CloudArray® Physical Appliance

2U Rack Mount Enclosure
Redundant Power Supplies

Model 1i

- 2TB Raw / 1.5TB RAID6 onboard
- Two 1 GigE Ports
- 8GB RAM

Model 1

- 8TB Raw / 6TB RAID6 onboard storage
- Two 1 GigE Ports
- 16GB RAM

Model 2

- 16TB Raw / 12TB RAID6 onboard storage
- Two 1GigE and one 10GigE
- 32GB RAM

Model 2S (SSD Drives)

- 2TB Raw / 1.5TB RAID6 onboard
- Two 1 GigE and one 10GigE Ports

Benefits

- Simplified Installation
- High performance for demanding workloads
- Dedicated Cloud Access





Physical Appliance - Continued

6U Rack Mount Enclosure
Redundant HA nodes

Model 3

- 24TB Raw / 20TB RAID6 onboard storage
- Four 1 GigE and four 10 GigE

Benefits

- Simplified Installation
- High performance for demanding workloads
- Dedicated Cloud Access

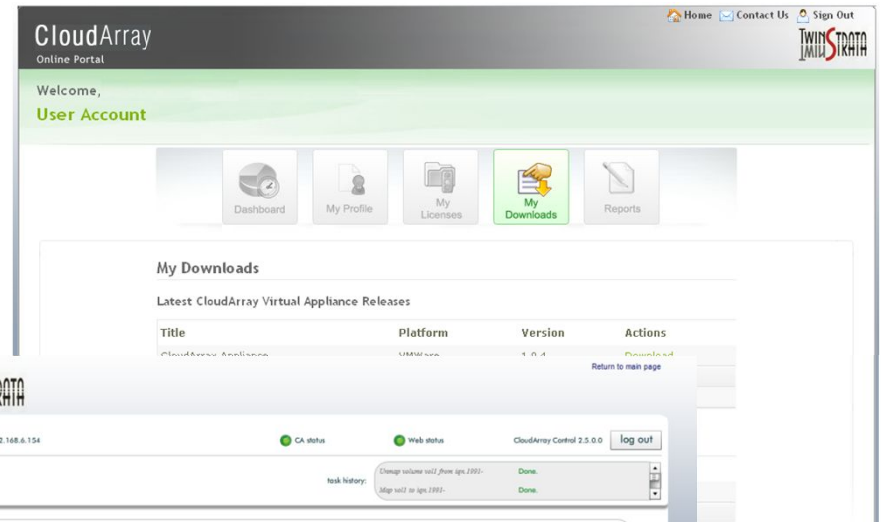




Simple Configuration

- **CloudArray Portal**
 - www.cloudarray.com
 - License management
 - Alert management
 - Automatic “push” upgrades
 - Auto backup
- **Petabytes of cloud storage in minutes**
 - Rapid configuration tools
 - Web-based UI and APIs

Web
portal



TwinStrata

about 192.168.6.154

CA status

Web status

CloudArray Control 2.5.0.0

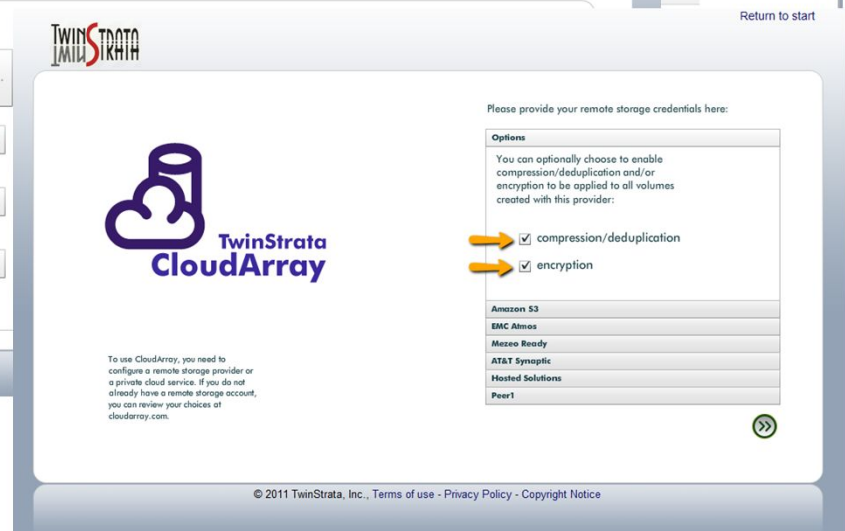
log out

task history

Change volume will from ipn.1991-
Mip will to ipn.1991-
Done.
Done.

Return to start

Web
UI



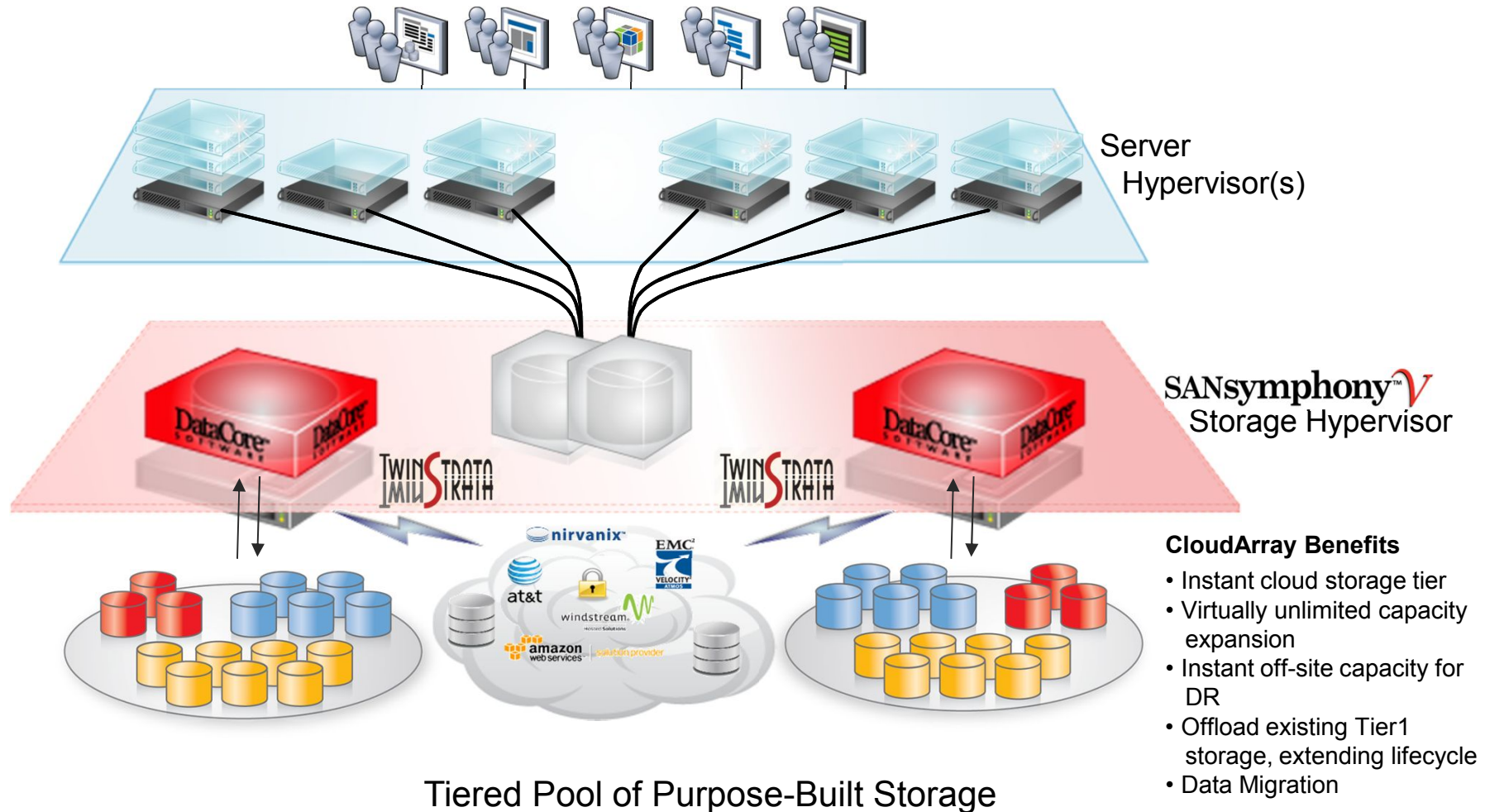
Customer Success Stories



- Philips - Color Kinetics
 - Reduced database restore times by 90%
 - Eliminated backup-to-tape
- AFGE
 - Reduced VMware Recovery Times by 80%
- LA Unified School District
 - Displaced traditional data storage upgrade
 - 40% saving in 5-yr TCO

Use Cases

SANsymphony-V™ and CloudArray®



Ranging from high-performance SSD arrays and legacy disk arrays, to scalable, cost-effective cloud storage

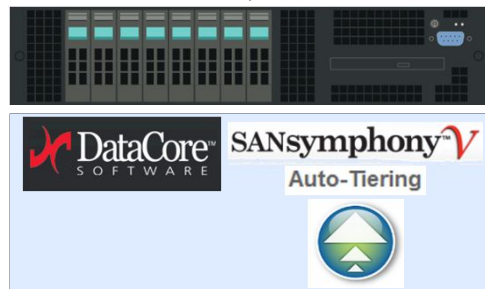


SANsymphony-V™ and CloudArray®



Hypervisor

VMWare, Hyper-V, XenServer, EC2



Benefits

- Off-site replication without off-site infrastructure
- “Local to cloud” or “cloud to cloud” replication
- Disaster recovery and business continuity using pay-as-you-go cloud compute

CloudArray®

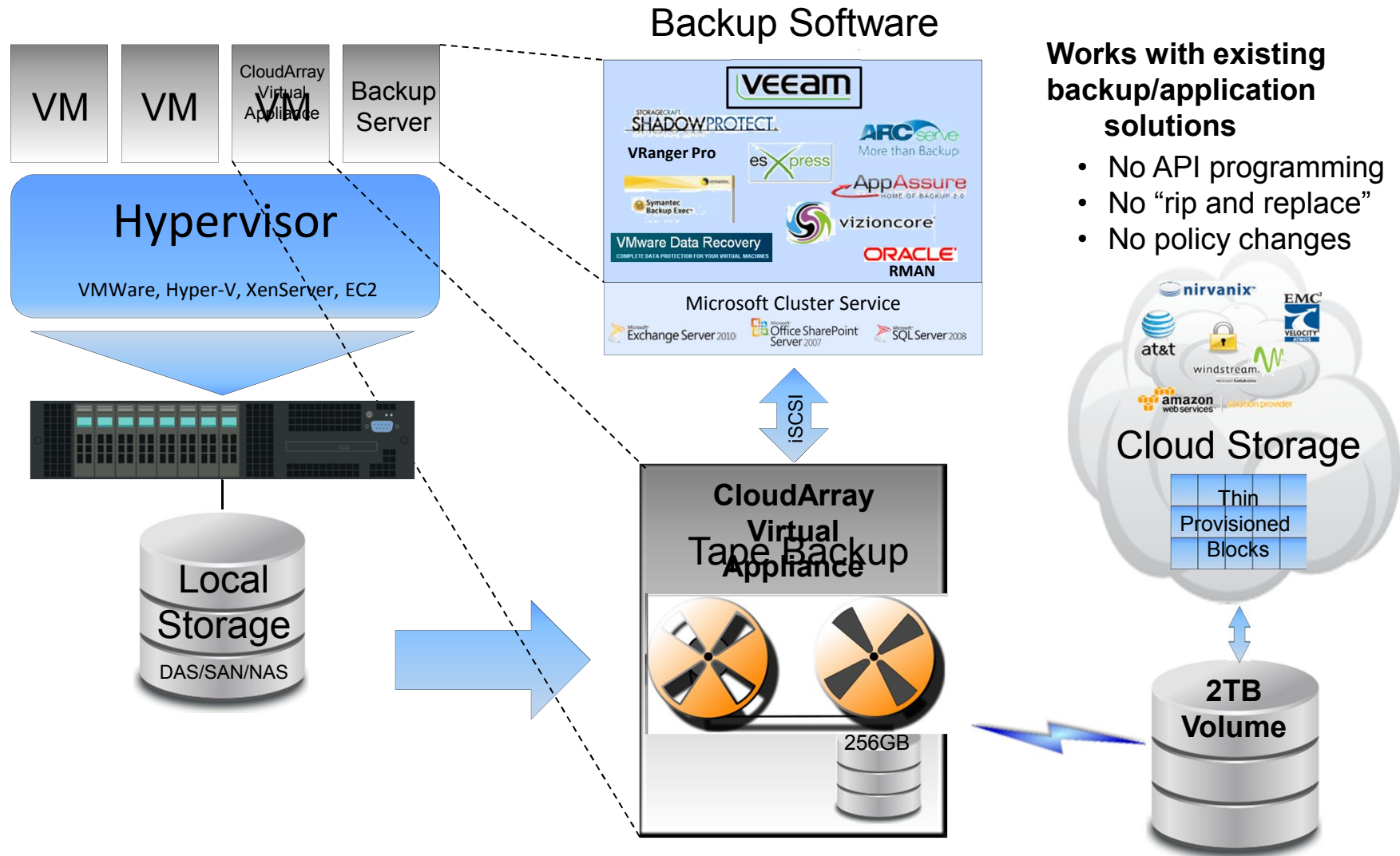
Virtual or physical appliance



Hypervisor

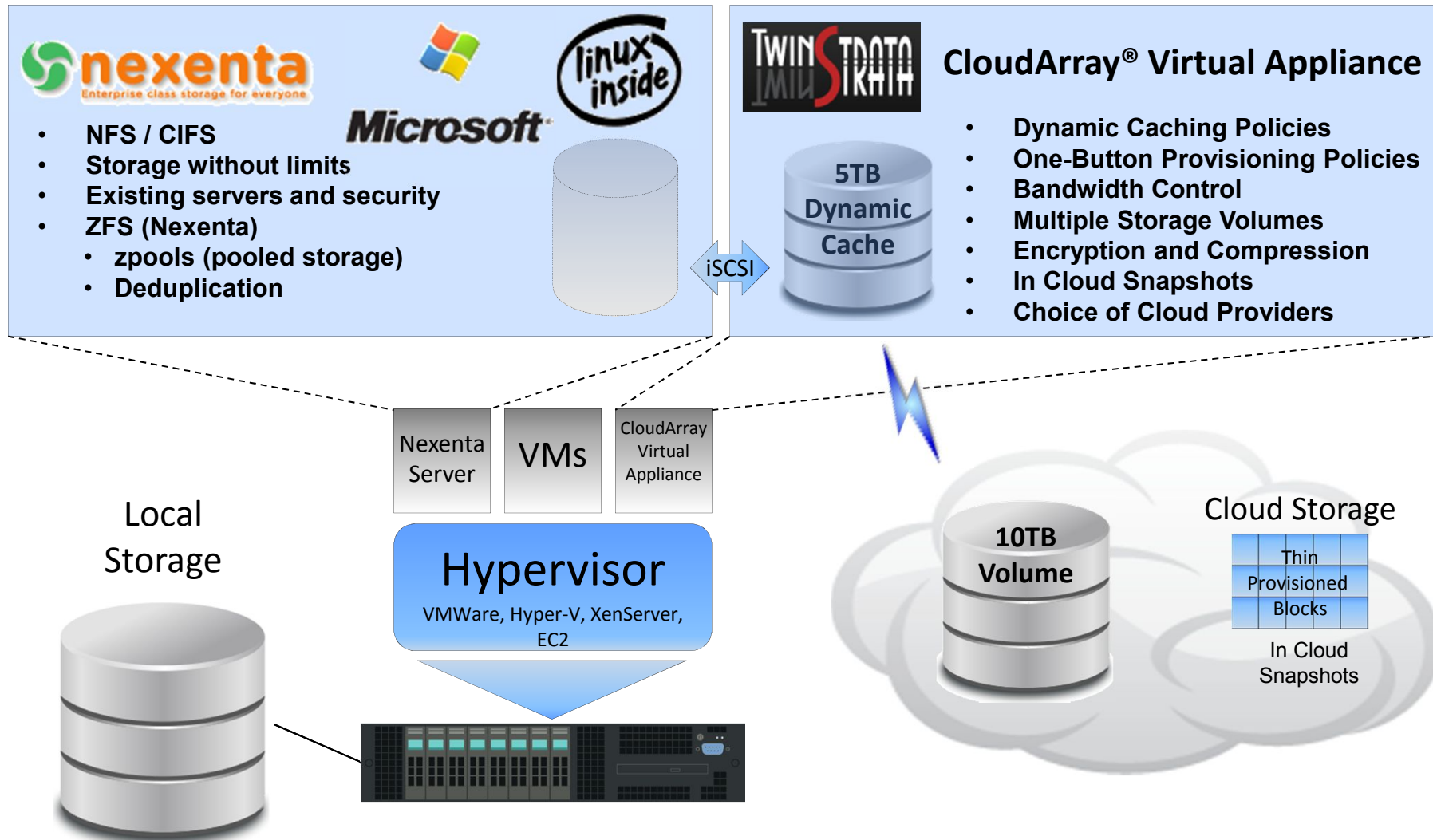


Backup/Archive Use Case

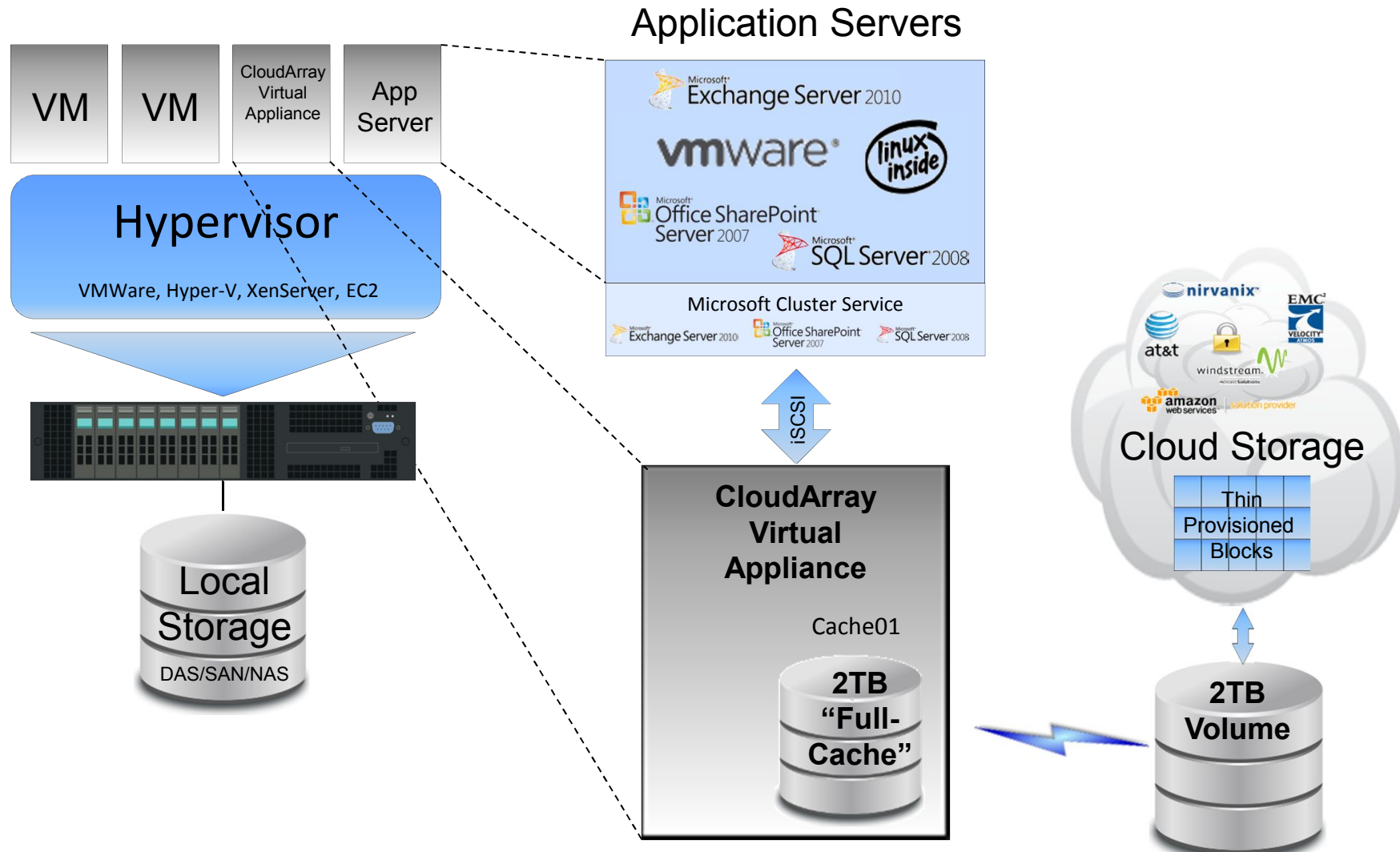




NAS / File Server Use Case



Application Server Use Case





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