



# **Driving Innovation Through the Information Infrastructure**

**SPRING 2011**

## Is Cloud Storage Ready for the Enterprise?

### Panelists

<b>Mike Feinberg</b>	Senior V.P, Cloud Infrastructure Grp	EMC
<b>Scott Genereux</b>	President & CEO	Nirvanix
<b>Steve Riley</b>	Technical Leader/Office of CTO	Riverbed
<b>Ursheet Parikh</b>	CEO	Storsimple

### Panel Moderator

Arun Taneja, Founder & Consulting Analyst, Taneja Group

# EMC Atmos

The Clear Choice in Global Cloud Storage

- Global Scale
- Policy Based
- Multi-tenant
- Web Services Access



*Private Clouds*

**BUILT FOR**



*Public Clouds*



*Hybrid Clouds*

# Only Nirvanix Offers All Cloud Storage Options: Gateways, Public, Private, Hybrid

**CloudComplete™:**  
Variable Cloud Deployment Options



CloudNAS™ CIFS/NFS  
Cloud Gateway

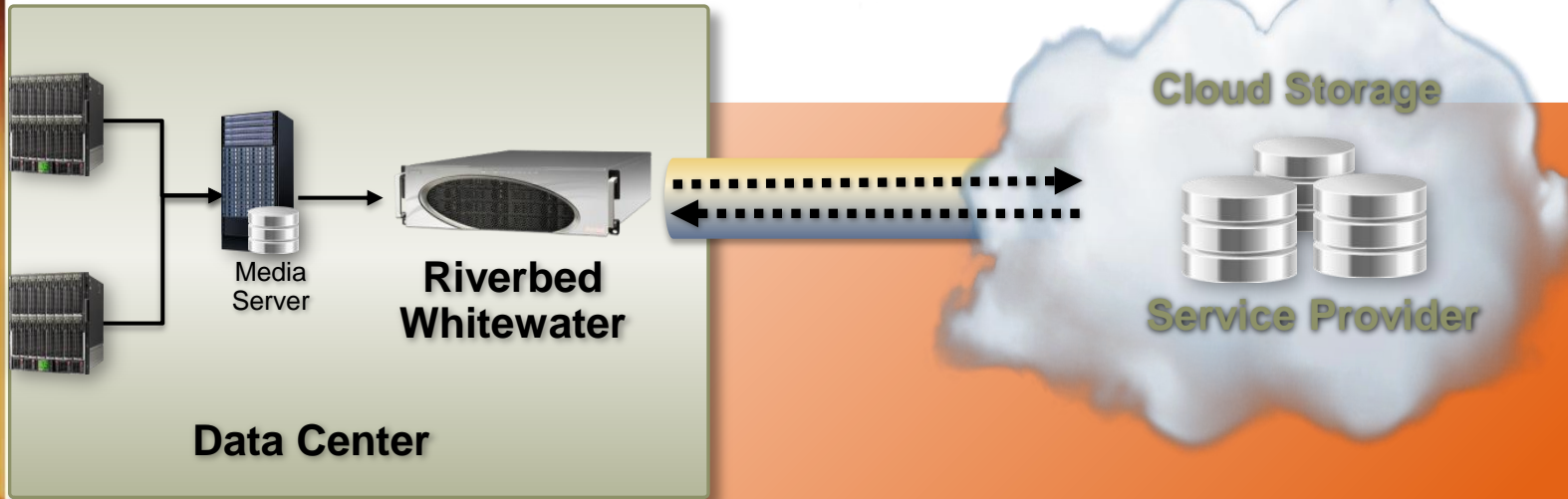
Public Cloud Storage Delivery  
Network™ (SDN)

hNode™ Hybrid & Private  
Cloud Software

**Cloud-Agnostic: Public, Private, Hybrid**  
**A Flexible End-to-End Cloud Storage Solution**



# Riverbed Whitewater Accelerates Cloud Storage



- Use existing backup tools
- Average 10-30x dedupe
- Local restore for recent data

- Accelerated cloud backup/restore
- Built in support for Cloud APIs
- Dual-layer encryption

- Limitless storage
- Elastic & low cost
- Optimized dedupe
- Efficient DR

# StorSimple Hybrid Storage Appliance

*Self-Protecting iSCSI storage with Cloud Elasticity*



- **iSCSI storage integrates transparently**
  - Certified by Microsoft & VMWare
- **Features that reduce cost, simplify storage**
  - Thin provisioning to the Cloud
  - Primary storage de-duplication
- **Local performance with cloud elasticity and cost**
  - New and frequently used data on SSD drives
  - Cold data & backup data automatically tiered to the cloud
  - Multiple clouds can be concurrently used
- **Enterprise-grade security for the cloud**
  - Local keys and encryption of all cloud data
- **Integrated WAN Acceleration for Cloud Storage**
  - Compression & TCP Optimization
- **Enterprise Class High Availability**
  - No single point of failure and automated failover
  - Non-disruptive, online software upgrades
- **Application Optimization Plug-In Architecture**
  - User Files & Archives
  - Virtual Machines & Desktops
  - Windows Applications – SharePoint & Exchange 2010
- **Simplified, optimized data protection**
  - Cloud Snapshots & Clones automate backups, provide fast online restores and eliminate tape
  - Integrated disaster recovery at lowest cost, complexity

