Technology Evolution That Drives the Cloud DataCenter of the Future

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Agenda

Your Cloud

Inside the Cloud

Outside the Cloud
Your Cloud with Cisco & EMC
What is Converged Infrastructure?

- After-Sales Support
- Compatibility
- Test & QC
- Roadmap
- Manageability
A New Way to Deliver IT

Vblock™ Infrastructure Platforms

- Management and Orchestration: Unified Infrastructure Manager (UIM) framework
- Virtualization: VMware
- Compute: Cisco UCS
- Network: Cisco Nexus and MDS switching
- Storage: EMC Symmetrix VMAX or Unified

Solutions and Services

- Accelerate time to value of business applications
- Seamless Support
Proven solution with customer reference
EMC IT: Oracle 11/eBusiness Suite

- Sun Fire E25K
- UltraSPARC IV Processor
- CPU—224 Cores
- CPU utilization 80%
- OS—Solaris 10
- Storage—Symmetrix DMX-3

- Cisco UCS B440
- Intel Nehalem EX Processor
- CPU—192 Cores
- CPU utilization 10%
- OS—Red Hat Linux/Vmware vSphere
- Storage—Symmetrix VMAX

10x Performance
Inside Your Cloud
Server vs. Storage

- Enterprise Applications
- Data Analytics
- Big Data Applications

Storage Functionality

vSphere
EMC VFCache

Performance
Dramatic Improvements In Latency & Throughput

Intelligence
Extends EMC FAST Architecture Into The Server

Protection
Backed By Intelligent, Resilient, Highly Available Storage
Outside the Cloud
Disaster Avoidance
EMC VPLEX

Multi-site federation

Same information
Separate locations
Accessible anywhere
Business Continuance and Disaster Avoidance

Data Center 1
- VMware vCenter
- vSphere
- Nexus 1000V
- VPLEX Engine
- EMC VMAX

Data Center 2
- VMware vCenter
- vSphere
- Nexus 1000V
- VPLEX Engine
- EMC DMX

Fully Active Globally Coherent Storage

Data Center Interconnect
See to Believe

Need to see live demo?
Proceed to EMC Booth
Thank you.