

### **Software Defined Infrastructure**

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Cloud

80% of new applications will include cloud delivery or deployment

New consumption models



Big Data, Analytics (HPC)

**2.5 billion GB of data** are being generated every day

Ability to gain insights quickly



#### Social & Mobile

500 million Tweets a day;95% of mobile traffic is data

**Explosive growth of** file and object data

## **Foundation for Optimizing New IT Environments**

GBM

**Optimization** of performance and agility of the application lifecycle

Automation via open standards and policy driven patterns



#### Abstraction

of capabilities and service delivery from physical infrastructure Software Defined Infrastructure (Server, Storage, Network)



- Accelerate results and lower costs with a scalable, efficient environment
- Save money, time and resources
- Transform a static IT infrastructure into a dynamic resource, workload and data-aware environment
- Securely integrate mobile services
- Use data efficiently for analytics services
- Manage in an always-on world for service predictability

- Transform a static 's serviced automatically by the distance is are serviced automatically in the cloud, in the cloud, in the cloud, in the cloud static 's serviced automatically, in the cloud statically, in the cloud
- Most appropriate resource running locally, in the cloud, Section working resource run. Jenv Application voriate resource number Application propriate resource environment services most appropriate cloud environment or in a hybrid cloud environment most appropriate cloud environment environment most appropriate cloud environment predictability

#### **SDI for Scale Out Applications**





#### Do you have any Scale Out application? Do you have resource sharing to address utilization? Are you looking to improve time-to-results?

# Scheduling & Acceleration With Infrastructure Sharing





#### **Heterogeneous Infrastructure Support**













#### **Breadth and Depth of Solution**





#### **Software Defined Storage**



	Spectrum Control	Analytics-driven data management to reduce management costs by up to 50%
	Spectrum Protect	Optimized data protection to reduce backup costs by up to 38%
	Spectrum Archive	Fast data retention that reduces TCO for active archive data by up to 90%
	Spectrum Virtualize	Virtualization of mixed environments stores up to 5x more data
	Spectrum Accelerate	Enterprise storage for cloud deployed in minutes instead of months
Ô	Spectrum Scale	High-performance highly scalable storage for unstructured data

Agility	<ul> <li>Increased flexibility through support of heterogeneous hardware</li> <li>Open standards enable software control across multiple platforms</li> </ul>
Cost Efficiency	<ul> <li>Match workload requirements to the appropriate storage</li> <li>Provides massive, virtually limitless scalability</li> </ul>
Control and QoS	<ul> <li>Automated, policy-driven management helps drive lower cost and operational efficiencies</li> </ul>

GBM



 IT managers: reduce costs while maintaining service levels

• End users: gain competitive advantage

 CIO & CFO: increase business agility while managing costs



- What are the organization priorities?
- Business Perspective What is the potential return on investment?
- Technology Perspective What is the current infrastructure and future roadmap?
- Can we create a plan in a discovery workshop?



## **Thank You**