

IBM System Storage N7000 Gateway for SAN Storage Environments



Highlights

- **Heterogeneous unified storage environment—Designed to provide unified storage access for multiprotocol, multivendor Storage environments**
- **Storage consolidation—Designed to enable organizations to consolidate UNIX®, Linux®, Windows® and Web workloads with existing SAN storage, thereby helping to increase storage utilization**
- **Utilizing existing SAN infrastructure—Designed to integrate into existing SAN storage environments, helping to optimize investment protection and ROI**
- **Data Management—Designed to provide advanced data management solutions that maximize availability and can help to significantly reduce operational cost**
- **Comprehensive software suite—Designed to provide robust system management, copy services, virtualization technologies and disaster recovery and backup capabilities across all SAN resources**

The challenge: Improving storage utilization and access

As enterprise storage requirements evolved from direct-attached to networked storage, many enterprises made significant investments in multiple storage architectures—DAS, SAN, and NAS—to support the different access methods required by business solutions. The result was often inefficient and under-utilized storage environments. A critical IT management challenge is to optimize the usage of existing storage to improve efficiency and return on investment (ROI) while continuing to support different access methods for different business solutions throughout the enterprise.

File-level usage and distributed enterprise usage of the SAN environment are ways to improve access and usage of storage resources. Many enterprises, however, are not ready to replace their existing storage systems with new, unified ones. Instead, companies with extensive SAN storage networks are

