



## IBM Storage Optimization and Integration Services—scale out file services

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### Highlights

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- ***Facilitates seamless growth of a clustered network attached storage (NAS) system***
- ***Helps reduce operating costs and total cost of ownership (TCO) through storage consolidation***
- ***Offers ongoing management expertise to support your data storage environment***

### **Getting control of your storage environment**

Allocating the right amount of data storage to the right users at the right time is an ongoing challenge for organizations of all sizes. As the user workgroup communities and the volumes of information grow, it becomes even more difficult to provide efficient and cost-effective access. Responding to data-volume growth typically results in higher hardware and software costs, as well as greater management challenges. And while traditional network attached storage (NAS) solutions can offer simplicity, manageability and access, they lack the crucial scalability. However, the new NAS solutions from IBM, built on its flagship general parallel file system (GPFS), will effortlessly expand in performance and capacity to help meet your most challenging business needs.

IBM Storage Optimization and Integration Services—scale out file services can help alleviate your data storage challenges by supporting quick implementation of a scalable, clustered NAS file system. Deployment can be performed at your site or at an IBM Delivery Center. Using this service

can also help enhance your business continuity and resiliency capabilities—which can save you time and money.

### **Implementing a scalable NAS system**

Fully realizing a scale-out NAS system's strategic advantages and capabilities—including scalable architecture design and enhanced management features—typically requires expertise that organizations don't have in house. Correctly designing and implementing a scale-out NAS system demands an understanding of and experience with high-end server environments and multiple operating system platforms, as well as storage design and management expertise. Scale out file services from IBM offers IBM's broad expertise in these areas to help you quickly implement a scale-out NAS system, providing you with simplified data access and the ability to scale as needed. In addition, our highly skilled professionals use an approach designed for minimal disruption to your day-to-day operations.



### **Consolidating storage to help lower costs**

An organization easily can find itself spending excessive time and labor trying to manage various server, storage and software components in a growing environment. This is especially true as your organization grows and your storage environment becomes more robust. With scale out file services from IBM, we implement an NAS environment that can help reduce your capital expenditure and enhance your efficiency. Our advanced architecture virtualizes and consolidates your file space into a single, enterprise-wide file system—which can translate into reduced TCO. This service also provides an LTO-4 tape library with built-in encryption technology to secure corporate data and protect customer privacy.

### **Managing the scale-out NAS environment**

While a scale-out NAS file system can make storage management more dynamic, it also requires ongoing management to maintain a high level of performance. Adding nodes to accommodate a growing organization requires careful planning and execution in order to help reduce any impact on your productivity. That's why scale out file services from IBM gives you the option of engaging IBM to provide continued data and storage management.

### **Why IBM?**

With extensive expertise in industry trends, business processes, NAS technologies and storage upgrades, IBM is an exceptional choice for providing services to optimize your storage environment.

### **For more information**

To learn more about IBM Storage Optimization and Integration Services—scale out file services and other IBM Global Services capabilities, contact your IBM representative or Business Partner, or visit:

[ibm.com/services/storage](http://ibm.com/services/storage)

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