IBM

IBM General Parallel File System (GPFS™) Jumpstart

Deploy high speed shared file systems quickly!

Offering Highlights

STG Lab Services can provide a hands-on training and implementation service to help you install, configure, and exploit the capabilities of the General Parallel File System (GPFS) in an IBM High Performance Cluster (HPC) environment.

This engagement is designed for system administrators and systems engineers who are responsible for the integration, administration, and management of your HPC environment.

The jumpstart sessions cover the following main topics:

■ *Linux File Systems and GPFS Overview*

■ *GPFS Planning and Considerations*

■ *Installing GPFS*

■ *Performance Monitoring/ Tuning*

■ *Developing Application*

■ *Programs that use GPFS*

■ *Problem Determination*

IBM Jumpstart Approach

STG Lab Services helps you quickly incorporate the General Parallel File System into your cluster environment. Our Jumpstart approach helps your system achieve optimum performance, and you'll have the skills to keep it that way. At a macro level, a Jumpstart engagement includes:

1. *A comprehensive overview of the product capabilities and best practices.*
2. *A demonstration on the actual hardware/software tailored to your needs.*
3. *Restoration of the hardware and software back to its original "out of the box" state (e.g. remove configurations, undo settings).*
4. *Installation and configuration of the entire solution by you under supervision and with assistance/ support of IBM consultants to give you confidence in the ongoing management of your system.*

IBM Jumpstart Advantages

The IBM Jumpstart approach has many advantages over the "do-it-yourself" method of incorporating GPFS into your environment.

Speed: By using IBM STG Lab Services you can roll out your solution into production quickly. By using proven practices and techniques instead of starting from scratch, STG Lab Services helps you avoid multiple iterations of trial and error and get straight to a production environment.

Quality: Our consultants are constantly accumulating the best practices and improving the techniques for installation and configuration. These procedures have been tested and proven by both the IBM development labs and customers worldwide.

Reduced Risk: Our subject matter experts will help you avoid typical pitfalls such as misconfiguration of network, power, or storage components resulting in sub-optimal performance, inoperability, or damage to the hardware.

By engaging STG Lab Services you are enabling the means to fully exploit the capabilities of your new system purchase and not overlook important capabilities. The comprehensive structure of the IBM Jumpstart approach provides for you in-depth knowledge of your systems with a minimum investment in your time.

Pricing

To order this service, contact one of our opportunity managers to confirm requirements and create a statement of work. This 3-day Jumpstart can be purchased starting at $10,000 (price includes travel and incidentals). This service can also be ordered using IBM System x™ part number 26K7785, quantity 4. Additional days can be purchased starting at $2500 per day.

Who We Are

STG Lab Services is one of the for fee services organizations of IBM's world renowned Systems & Technology Group development labs. Through STG Lab Services you can bring the expertise of the development community on the latest technologies to your enterprise. With deep skills in high performance computing, IBM System 1350™ Cluster, CSM, xCAT, GPFS, BladeCenter®, DS4000™ SAN, IBM Director, Myrinet, Infiniband technologies, and more, STG Lab Services can help you with your most difficult technical challenges. STG Lab Services exists to provide you with successful implementations of emerging technologies to help accelerate your investment ROI and drive up your satisfaction with your IBM hardware

Services We Provide

STG Lab Services brings the skills and experience of the lab to your enterprise through on-site consulting, classroom training, and skills transfer to your personnel in your environment. Whether it's training at your site, or conducting a Jumpstart engagement to get you up to speed quickly, STG Lab Services can meet your technical assistance needs. STG Lab Services has both high quality, field tested offerings and the resources to bring customized solutions to your enterprise. Contact one of our opportunity managers for more information.

For More Information

To find out more about the IBM General Parallel File System Jumpstart and other related products and services, contact Michael Karchov at Michael.Karchov@ us.ibm.com or 1-919-254-0706.

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