IBM Implementation Services for Parallel Sysplex

Highlights

- **Offers eight selectable modules, each with a fixed price and defined scope of work**
- **Assists you in all IBM z/OS® Sysplex disciplines using IBM best practices, standards and methodologies**
- **Provides cost-efficient, uniquely customizable deliverables to meet your needs with reduced risk**

Addressing complexity in your server infrastructure

Organizations worldwide recognize the benefit of being able to do more with less. One frequent goal is to save money and effort by maximizing existing IT investments, internal resources and server assets. But as the need for IT capacity continues to grow, the existing server infrastructure often is stretched beyond its limits, making additional servers necessary to accommodate the rapidly changing needs of the business. As a result, myriad organizations have turned to sysplex technologies as a means of enriching their server infrastructures. And many are now taking a serious look at how they can enhance the sysplex environment to help reduce cost and complexity, increase availability and data sharing and, ultimately, accomplish more with less.

With IBM Implementation Services for Parallel Sysplex® environments, you can access the resources, proven methodologies and knowledge required to implement and optimize the Parallel Sysplex environment. You can choose from eight cost-effective, defined-price, fixed-scope modules to help meet your unique needs, budget and skill sets. The modules are designed for an IBM System z™ Parallel Sysplex environment and provide focus areas in assessment, design and implementation; migration and configuration; availability and performance; operation, maintenance strategy and implementation; and production.
cutover and deployment. With this IBM solution, you can get the help you need to identify what’s working and what’s not working in your sysplex environment, determine how and where to make improvements, and enable your internal team to gain the knowledge required to successfully implement, deploy and maintain Parallel Sysplex technologies in the future.

Providing a modular approach to support your needs

Deciding to upgrade and simplify your server infrastructure is not a simple decision. In fact, the move to upgrade can be delayed because of concerns over potential risks and unpredictable costs. But with IBM Implementation Services for Parallel Sysplex environments, the pricing and scope are defined. You know exactly what you are receiving, how much time the process is expected to take and how much it will cost. This solution helps reduce risk because IBM uses standardized implementation guides and best practices that have been proven in thousands of implementations worldwide. And you can accommodate your specific technology objectives, environment, level of expertise and budget by selecting from the following modules:

• z/OS and sysplex infrastructure review—This module helps identify your IBM z/OS and sysplex infrastructure requirements. IBM professionals perform a high-level assessment and gap analysis and then provide recommendations on how to proceed.

• z/OS and sysplex infrastructure planning, design and implementation—Based on your infrastructure configuration and requirements, this module delivers an IBM SystemPac® solution with best-practice sysplex system layout. Plus, you gain skills transfer throughout the process.

• z/OS and sysplex availability and performance assessment—This module helps identify areas of exposure that could affect the availability, performance and serviceability of your environment, and it includes recommendations on how to proceed.

• z/OS Parallel Sysplex configuration assistance—This module assists you with required sysplex configuration of various components. It also offers options for data-sharing enablement, Job Entry Subsystem 2 (JES2) exit migration, and hierarchical file system (HFS) to IBM System z File System (zFS) conversion.

• z/OS sysplex operator training—This module provides onsite training that is customized to your needs and environment.

• z/OS sysplex maintenance strategy—This module helps create a maintenance strategy to use automation and electronic delivery of maintenance.

• z/OS sysplex maintenance environment design and implementation—This option includes an extensively documented maintenance
deployment process and also provides assistance in the implementation of the first z/OS cloned image.

- z/OS sysplex production cutover and deployment planning—This module provides test and implementation plans as well as production cutover and deployment. Possible back-out considerations may also be reviewed.

Transferring valuable skills and knowledge to your team

Server infrastructure management can be complicated—but it doesn’t have to be. As the original developer of Parallel Sysplex software and hardware products, IBM offers access to the virtually unsurpassed real-world experience, knowledge and advanced skills required to effectively install, understand and manage the Parallel Sysplex environment. Plus, IBM experts and consultants are available to support your efforts along the way, helping you to:

- Boost internal expertise by providing in-house staff with appropriate training

Optimizing the Parallel Sysplex environment for the future

A standardized, efficient server infrastructure can simply run better than an environment built on multiple disparate servers. And that certainly applies to sysplex technologies. By building a more efficient, flexible and reliable foundation for your Parallel Sysplex environment, you can free up strategic IT resources and enable them to focus on activities that provide greater business value. You can improve utilization of your existing server assets, helping to reduce risk and minimize disruption to the business. And you can potentially reap significant long-term benefits, including:

- Improved data sharing and application availability
- Increased ability to exploit System z sysplex technologies at a faster rate
- Accelerated time to market
- Enhanced ability to balance workload demands
- Accelerated return on investment (ROI)
- More rapid response to customer needs and growth opportunities.

Why IBM?

Broadly experienced with Parallel Sysplex technologies and with thousands of sysplex implementations to date, IBM consultants are in an excellent position to help you implement a new Parallel Sysplex environment or get more from your existing environment. With IBM Implementation Services for Parallel Sysplex, you pay only for the module(s) you choose, simplifying your IT budgeting. You gain access to skilled resources

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**Enhanced application availability**

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**More opportunity for incremental growth**

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**Improved workload balance**

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By integrating individual z/OS systems into one sysplex, you can realize a number of significant benefits.
ready to support and train your internal IT staff. And you can take advantage of the methodologies, standards, and best-practice samples and guides that IBM uses in implementations around the world to help ensure a more effective, rapid and successful delivery and management process—now and going forward.

For more information
To learn more about the IBM Implementation Services for Parallel Sysplex solution, part of IBM Server Optimization and Integration Services, contact your IBM representative or visit:

ibm.com/services/server

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