

## IBM Rapid Deployment of z/OS and DB2

### Create a dynamic business infrastructure with a Parallel Sysplex environment



#### Offering Highlights

**IBM Systems and Technology Group (STG) Lab Services can provide implementation services to help install, configure, and enable the capabilities of the IBM System z™ platform with a Parallel Sysplex® environment and DB2® database for transactional, SAP®, and data warehousing applications. This offering is designed for customers new to the System z and z/OS® data sharing environment.**

**Key benefits of this service include:**

- **Creation of an IBM z/OS Parallel Sysplex configuration in which more than one z/OS image can host multiple instances of the same application**

- **An entry-level reference architecture, with a two-way Parallel Sysplex environment on a one or two processor configuration and scalable to 16 DB2 data sharing groups**
- **Balancing of workloads across all available DB2 instances, which may provide high levels of resiliency in case of component failure**
- **Delivery of a flexible environment utilizing redundant hardware and software components in order to provide a highly scalable and available production-ready environment**
- **Mitigation of risk by leveraging experienced consultants and proven best practices**

#### Skills to Keep You in the Fast Lane

An IBM Rapid Deployment of z/OS and DB2 engagement can allow for the installation of an integrated solution of prerequisite hardware and software products which can provide a starting Parallel Sysplex data sharing configuration for new z/OS customers. Our consultant tailors the hardware and software to client requirements and may provide:

- Processor definition for LPARs, storage controllers, I/O device landscape, and sysplex
- DASD definitions, as well as z/OS PARMLIB members for a sysplex
- Intuitive naming conventions for data sets, LPARs, and data sharing groups.
- System policies for storage management (DFSMS™), Workload Manager (WLM), and security components (RACF®)
- Networking definitions (TCP/IP)
- A production ready DB2 data sharing environment
- Verification of interoperability of the system components, and the Sysplex Data Sharing members

#### Engagement

This service includes one 5 day onsite engagement. STG Lab Services can establish and deliver a working Parallel Sysplex DB2 data sharing system that is customized to support an on-line transaction processing (OLTP), SAP, or data warehousing environment. This includes on-site system preparation,

installation, and customization based on the prerequisite hardware and software components. Depending on your level of in-house expertise, you may want to consider taking advantage of additional IBM-developed services and education that are available from STG Lab Services, IBM Global Technology Services, or other IBM authorized organizations, for education and skills transfer purposes.

### **IBM System z Prerequisites**

This offering requires a minimum hardware configuration, and a z/OS SystemPac® ordered with a predefined set of software products. In support of high availability and scalability data serving, the minimum hardware environment includes a System z9® EC or BC, two FICON®-capable switches, two z/OS-capable disk storage units, and a z/OS-capable tape drive. Visit the following link for more detailed information: **[www.ibm.com/systems/z/os/zos/rapid\\_deployment/](http://www.ibm.com/systems/z/os/zos/rapid_deployment/)**.

### **Pricing**

To obtain this service, contact one of our opportunity managers to confirm requirements, create a statement of work and determine pricing.

### **Who We Are**

STG Lab Services is one of the for fee services organizations of IBM's world renowned Systems and Technology Group development labs. Through STG Lab Services you can bring the expertise of the development community on the latest technologies to your enterprise. STG Lab Services can help you with your most difficult technical challenges. We exist to provide successful implementations of emerging technologies to help accelerate a return on your IT investment and help increase 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. STG Lab Services is designed to help 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 Rapid Deployment of z/OS and DB2 services and other related products and services, contact Jerry Koger at [jerrykog@us.ibm.com](mailto:jerrykog@us.ibm.com) / 1-623-505-4932 or Anthony Di Lorenzo at [dilorenz@us.ibm.com](mailto:dilorenz@us.ibm.com) / 1-845-433-5297.



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