



IBM Installation Services for GDPS®/PPRC Storage Manager

Highlights

Protects your data by helping you plan and install remote data copying for eServer zSeries servers

Provides support for FlashCopy, both manually initiated, and automatically when re-synchronizing your DASD

Helps ensure data consistency and integrity with minimal data loss after a disaster

Simplifies management of your remote copy configuration, giving you an automated single point of control and alerts to notify you of problems in the remote copy configuration

Allows you to reduce management costs and speed remote copy implementation

Improving your disaster recovery and continuous availability capabilities

As companies move into e-business environments, they become increasingly dependent on their information technology (IT). Down time or outages can bring a company's critical business processes to a halt, resulting in lost productivity and revenue.

Undisrupted, continuous availability of IT systems can help companies stay in business. However, the size and complexity of modern IT systems make it difficult to deliver this with manual processes and human intervention.

To help you address the need for availability, IBM Installation Services for GDPS Peer- to-Peer Remote Copy Storage Manager (GDPS/PPRC Storage Manager) combines technical expertise with remote copy functionality and automation technology. From working with you to plan your availability requirements, to implementation, testing and education we offer you an effective way to help improve your disaster recovery and continuous availability capabilities.

This offering positions customers to 'grow' into a full GDPS Implementation in the future, while protecting the investment made in a remote copy solution. Reducing costs and helping ensure success with upfront planning, our GDPS specialists can help you plan for a successful GDPS/PPRC Storage Manager implementation. We help you save money and speed delivery by working with you at the inception of the project to determine your availability

requirements and develop detailed implementation and test plans.

Protecting your most valuable resources

GDPS/PPRC Storage Manager manages the remote copy configuration and storage subsystem(s), and provides protection against loss of data due to primary disk outages.

GDPS/PPRC Storage Manager combines the features of remote copy management with the function of GDPS to provide a consistent copy of data at the recovery site from which production applications can be restarted. The ability to simply restart applications eliminates the need for lengthy database recovery actions.

In addition to managing PPRC operations, GDPS/PPRC Storage Manager also provides support for FlashCopy. When you are ready to re-synchronize your primary and secondary DASD, GDPS/PPRC Storage Manager can be set up to automatically take a FlashCopy of the secondary DASD, ensuring a consistent set of DASD should there be a disaster during the re-synch operation.

Simplify data management

In addition to providing consistent secondary DASD following a disaster, GDPS/PPRC Storage Manager also provides the ability to have planned site switches. Using the provided panels, you can control the swapping of primary and secondary DASD in preparation for a planned site switch (for site maintenance, for example).

You still have responsibility for stopping and restarting the systems, however, the task of swapping DASD (in either direction) is greatly simplified through the use of GDPS/PPRC Storage Manager.

Reduced costs and improved availability through easier operations

While GDPS/PPRC Storage Manager does not include all the system automation functions delivered in the full GDPS/PPRC product, it does provide the panel interface that makes it far simpler to manage the remote copy configuration. Easier operation results in reduced costs and fewer mistakes, and thereby improved availability.

Providing flexible solutions for your unique environment

GDPS/PPRC Storage Manager offers you flexibility because it is application- and data-independent. As a result, you can avoid having different and complex recovery procedures for each of your database managers.

Relying on the experience of a global team of service specialists

GDPS/PPRC Storage Manager is a project-based services offering that contains the following components:

- Planning to determine availability requirements, configuration recommendations, implementation and testing plans.

The planning session covers topics such as:

- Hardware and software requirements and prerequisites
- Configuration considerations
- Implementation considerations
- Operation and control

- GDPS/PPRC Storage Manager automation code installation and policy customization

- Education and training on GDPS/PPRC Storage Manager setup and operations

- Onsite implementation assistance

- Project management and support throughout the engagement

The people of IBM Global Services can help you keep your business up and running with a range of services to meet your availability and recovery needs. By working with you to improve performance and availability, we help you reduce costs and increase the value of your IT investments.

Financing options

IBM Global Financing offerings are available to help you implement IBM Global Services projects. Flexible payment structures allow you to more effectively distribute initial costs and match payments to service benefits.

Prerequisites

For IBM to perform this service, you must have the following elements:

- OS/390 V2R10 or later (including the latest maintenance)
- System Automation for OS/390 1.2 or later
- TME 10 NetView® for OS/390* (Procedural or Enterprise)
- Multi-site Sysplex (Base or Parallel)
- Storage subsystems with PPRC (PPRC Level 3 support is required for primary subsystem failure detection - otherwise Level 2 support is required)
- Z/OS image for the GDPS Controlling System

The prerequisites listed may not contain all of the requirements for this service. For a complete list of prerequisites, consult your IBM sales representative.