Geographically Dispersed DB2 pureScale Cluster Services

Reduce the risk and cost of business growth

IBM DB2 pureScale clustered database technology includes support for extended high availability and scalability. Geographically Dispersed DB2® pureScale® Cluster (GDPC) is a configuration that allows a DB2 pureScale cluster to be distributed, having members of a cluster at different sites. This implementation extends pureScale's already high availability such that single site disasters such as fire, power interruption, or network loss will not limit data access. Keep your business up and running with DB2's pureScale® clustering technology!

Overview

The GDPC Installation service includes the installation of the integrated IM software associated with the DB2 pureScale license in a GDPC configuration. The objective is to deliver a GDPC system in a "create tablespace ready" state. Pre-defined tests are leveraged to validate the overall configuration. The scope is limited to up to 8 pureScale members for one system residing in two data centers with a tiebreaker in an optional third data center. Upon completion, the installed GDPC system will be entitled for product support.

Key activities:

1. Project planning

- Review scope
- Review completed GDPC Customer Worksheet and Hardware/Software Environment Readiness script output
- Review and check the system configuration before starting the installation

2. Installation & validation

- Install integrated DB2 pureScale software components
- Run seven predefined tests to validate the configuration
- Demonstrate the system and share information on the installation base configuration
- Document base DB2 GDPC technical operational procedures, including startup / shutdown procedure for DB2 GDPC environment and Client affinity configuration procedures
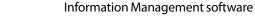
Highlights:

- Reduce costs and project risks by leveraging the industry's premier database experts to seamlessly install GDPC

- Accelerate time-to-value, return-on-investment and get business value immediately with your DB2 pureScale feature with the knowledge and standard practices brought by our pureScale experts

- Installation validated with testing

Deliverables:

1. Validated client worksheet

Purpose: This document describes the client hardware and software configuration for this engagement.

Content: The client worksheet will consist of the following as appropriate:

- DB2 GDPC architecture including site location of hosts
- Topology worksheet
- DB2 worksheet
- GPFS configuration

2. Installation record

Purpose: This document describes the installation.

Content: The installation record will consist of the following as appropriate:

- Architecture diagram
- Configuration settings
- Test cases
- Test execution results

3. Technical operational procedures

Purpose: This document describes the pureScale operational procedures.

Content: The pureScale operation procedures will consist as the following as appropriate:

- Startup / Shutdown steps/procedures for DB2 and CF nodes
- Client configuration details

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