Information Management software

IBM Information Management Software Services
DB2 pureScale Capability

Highlights

- *Leverage the industry's premier database experts to seamlessly install or upgrade with minimal downtime*

- *DB2 pureScale technology offers easy scalability and high availability*

- *Ease your DB2 pureScale implementations and migrations with help from our experts*

- *Prepare and plan for future DB2 pureScale integration and migrations with assistance from our consultants*

- *Gain DB2 pureScale skills quickly and efficiently with expert advice and knowledge transfers*

In today's business environment, agility is everything. In a globalized world, business hours never end—which means that even a small gap in availability for critical systems can cost millions in lost revenue and customer confidence. What's more, capitalizing on opportunities often depends on the ability to scale key applications rapidly and reliably.
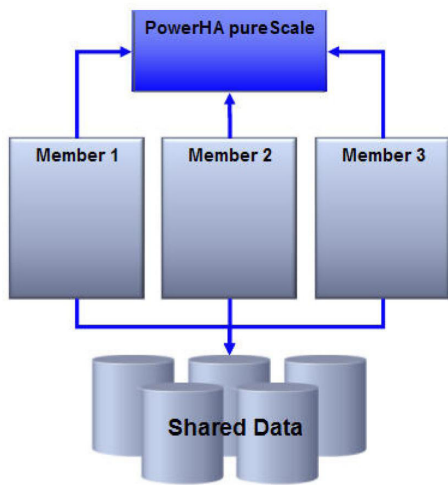
DB2 pureScale reduces the risk and cost of business growth by providing unlimited capacity, continuous availability, and application transparency. By leveraging modern hardware architectures, DB2 pureScale is able to bring to the distributed platform the centralized locking and caching capabilities similar to that previously available on DB2 for z/OS using Parallel SYSPLEX. This hardware and network

exploitation allows for greater levels of concurrency and availability while also delivering higher levels of scalability. In addition, the centralized locking and page caching allows DB2 pureScale to continuously be in a state of awareness as to what pages would need recovery should any member fail. Thus, in the event of a failure, all data that does not need recovery is continuously available to other applications while the pages that were in process of being updated by the failed node are already known to the system and are recovered quickly. Each member in the data sharing group can interact directly with the PowerHA pureScale component, as shown below, through a very efficient InfiniBand™ network which means each member has point-to-point connectivity to the centralized locking and caching facility.

What IM Services has to offer
When engaging the IBM Information Management (IM) Software Services team you can be confident that you are working with the industry's leading experts.

You can choose among the following services to support your IBM DB2 pureScale Solution deployment. For each of those services we will provide mentoring and database administration hand-off.

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PowerHA pureScale

Member 1   Member 2   Member 3

Shared Data

DB2 pureScale Installation and Configuration Support

Our pureScale consultants will install onto your existing appropriately sized and certified hardware configuration, a single DB2 pureScale cluster. This will be followed by a demonstration of your DB2 pureScale environment leveraging a sample database.

Upgrade from an existing DB2 9.7 instance to DB2 pureScale

This project will consist of upgrading an existing DB2 9.7 instance to DB2 pureScale 9.8. Our pureScale consultants will work closely with your database administration staff to identify and address all elements in the existing system prior to the upgrade process. All existing databases will then be migrated to this new environment. At the end of this services engagement you will get a demonstration of your new pureScale environment from our expert.

DB2 pureScale HealthCheck

A DB2 pureScale Health Check is built on the Health Check for DB2 LUW Package. It includes an in-depth analysis of the DB2 LUW environment followed by a recommendations and findings report of the results of this analysis.

More information can be found in the Health Check for DB2 LUW Package data activity sheet.

Deliverables

For a new installation or upgrade, the following items will be delivered to you as a result of this engagement:

- An environment prerequisite checklist will be created by the IM pureScale Consultant to support you in making sure all prerequisites are met before the start of the engagement.
- An installation record document will be provided detailing the installation or the upgrade process for your specific environment and specific operational processes required to administer your unique database system.

Benefits

These services engagements will leverage best practices and methodology to ensure a low risk project and a quick return on your DB2 pureScale software investment. Proven processes and standard collateral will reduce costs and project risks. You will gain knowledge transfer and lessons learned from our experts.

For More Information

To learn more about IBM Software Services for Information Management and this service offering, please contact your local IBM sales representative or visit our website at: **ibm.com**/software/data/services