



IBM Data Server Manager

Do more

The development of cloud services and the increased use of mobile applications is causing a rise in data volumes. This issue is forcing organizations to increase the efficiency of existing data management assets and employ more resources to serve their customers. Many enterprises are finding, however, that in-house or multivendor data management tools lack critical end-to-end visibility, usability and scalability. This issue means they struggle to keep workflows and analytics tools operating to their full potential. As a result, enterprises are unable to provide the continuous availability needed for the ever-increasing transaction volumes of a growing organization. As the number of application users grows unabated, organizations must deliver both speed and analytical insights while balancing budget concerns and growth expectations.

IBM Data Server Manager

In response to those needs, IBM offers IBM® Data Server Manager. Data Server Manager helps administer, monitor, manage and optimize the performance of IBM DB2® for Linux, UNIX and Windows databases. It also provides similar functions for IBM dashDB™, IBM DB2 for z/OS® databases and IBM BigInsights® Big SQL environments. Database administrators (DBAs) and other IT staff now have the information they need to manage performance proactively and address potential problems before they impact the business. In addition, it's cloud-ready, designed to be deployed quickly and easily, and is part of a common management experience shared with dashDB and BigInsights Big SQL environments.

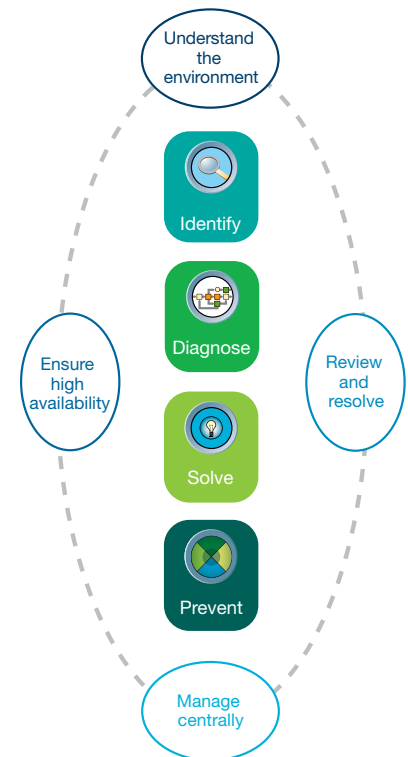
Data Server Manager for a hybrid enterprise

IBM Data Server Manager provides a single view across your hybrid data enterprise, back through time, and across your private and public cloud.

You can install Data Server Manager on a dedicated machine, in your private cloud or on the public cloud. The single install can support all your users and IBM data servers.

Meet the needs of multiple roles to help speed the data management lifecycle

- Support growing infrastructure demands across both online transaction processing (OLTP) and analytics processing models.
- Use a dashboard to manage alerts, diagnose problems and improve processing.
- Edit, validate and run SQL with a self-service environment.
- Meet service-level agreements (SLAs) across OLTP and analytics environments and use cases.
- Address developer, DBA and user productivity requirements.



- Enable enterprise IT to work with lines of business (LOBs) by sharing common processes and tools.
- Support hybrid data management deployment patterns.
- Support multiple platforms, including data stores deployed to distributed environments.
- Introduce the Data Server Manager capabilities to customers through dashboard environments.

Reduce complexity with simplified monitoring and administration

- Streamline administration of complex database environments with one simplified integrated console.
- Administer databases, database objects and database instances.
- Find relevant database objects in your cloud-based or on-premise deployment.
- React to problems that can threaten system performance or availability with configurable alerts.
- Help simplify client monitoring.
- Provide a simplified installation process.
- Record monitoring metrics for historical analysis.
- Identify storage access patterns for capacity planning.
- Track configuration changes for problem determination.

Target operational efficiency with scalable management

- Scale up to hundreds of databases.
- Control capabilities to help simplify the initial deployment of database servers and clients.
- Streamline ongoing change management.
- Find trapped storage, infrequently accessed objects and compression opportunities.
- Track changes to database objects and configuration settings from virtually anywhere, any time.
- Automate data management.

Meet SLAs with predictable database execution

- Confirm the high availability of every DB2 database in your environment at a glance.
- Use intuitive visualization of the enterprise environment, with user-configurable feedback.
- Employ best practices to identify, diagnose, solve and prevent bottlenecks.
- Pinpoint costly queries that require tuning or indicate the need for improved capacity planning.

- View estimated performance improvements and test indexes before creating them.
- Get actionable, precise advice on:
 - Shadow and column-organized tables
 - Statistical views
 - Materialized query tables (MQTs)
 - Multidimensional clustering
 - Redistribution of data over database partitions

For more information

To learn more about IBM Data Server Manager, contact your IBM representative or IBM Business Partner or see: ibm.co/2iYpE93. IBM Data Server Manager Base Edition is available for download from IBM developerWorks® at no charge.



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