

# A Unified, AI-Powered Platform for the Future of Db2 Management

## Reimagining what a console can be: Db2 Intelligence Center

### Executive summary

Enterprise data environments are expanding faster than the teams who manage them. With hybrid architectures becoming the norm and data volumes growing steadily, Database Administrators (DBAs) face increasing complexity, mounting operational pressure, and persistent skill shortages. Traditional tools are often fragmented and manually intensive, making it a struggle to keep pace with modern requirements for agility, scalability, and insight.

[Db2 Intelligence Center](#), powered by [IBM watsonx](#), is a next-generation data management console designed to unify and simplify how enterprises manage their [Db2](#) environments. Built for scale, intelligence, and usability, it provides a single interface for monitoring, tuning, troubleshooting, and automating database operations across hybrid deployments further empowering DBAs to proactively manage performance, reduce risk, and increase productivity.

### Business and operational challenges

**Fragmented tools and manual workflows:** DBAs frequently rely on 5-7 separate tools to monitor performance, perform maintenance, and manage system configurations. These silos increase cognitive load, slow down issue resolution, and lead to inconsistent outcomes.

**Data growth and infrastructure complexity:** Db2 is deployed across on-premises, public cloud, and SaaS environments. But many legacy tools lack a unified view across these systems, making end-to-end visibility and control difficult—especially when real-time performance tuning is required.

**Staffing gaps and knowledge drain:** It now takes an average of 5+ years for a new DBA to become fully productive in a complex environment. With experienced DBAs in short supply, junior staff struggle to manage performance, tune workloads, or diagnose problems without extensive handholding.

### The solution: Db2 Intelligence Center

Db2 Intelligence Center provides a modern operating layer for Db2—a unified platform that connects monitoring, diagnostics, optimization, and automation in one seamless experience. Designed to support both on-prem and cloud deployments, it gives DBAs a proactive, intelligent control plane for managing even the most complex environments.



Powered by IBM watsonx, the platform combines real-time observability, advanced AI guidance, and intelligent automation to reduce manual work and improve database health at scale.

### Core capabilities

#### Unified management across the Db2 estate

Db2 Intelligence Center offers a centralized interface to manage all Db2 instances whether on-premises, in the cloud, or in hybrid environments. A unified operational view consolidates system health, resource utilization, query activity, and workload performance into a single, role-based dashboard. This eliminates the need for multiple disconnected tools and provides DBAs, operations teams, and platform owners with immediate, actionable insights. Drill-down capabilities allow users to investigate issues and quickly take corrective action.

#### AI-Powered Database Assistant

Built on IBM watsonx, the Database AI Assistant enables users to interact with the console using natural language. Whether retrieving performance metrics, exploring system anomalies, or seeking configuration advice, DBAs can ask questions in plain English and receive context-aware, Db2-specific responses. The assistant offers guided troubleshooting paths, tuning recommendations, and configuration insights further empowering teams to make confident decisions without relying solely on senior-level expertise.

#### Intelligent monitoring and diagnostic drill-down

Db2 Intelligence Center delivers deep observability across the entire Db2 environment. Users can analyze real-time and historical data to pinpoint issues related to query performance, session behavior, or system resource constraints. Flexible filtering allows teams to isolate events by query, host, or wait conditions, while timeline views help to identify when and why anomalies occur. These capabilities help teams move from reactive issue resolution to continuous performance improvement.

## Advanced query optimization

The platform provides AI-driven query optimization, enabling teams to identify performance bottlenecks and resolve them quickly. DBAs can quickly scan explain plans to understand the details of query execution. Automated recommendations for statistics collection (RUNSTATS) and index creation are tailored to actual workload behavior. An integrated SQL Workbench streamlines the full lifecycle of query design, analysis, and execution, allowing DBAs to optimize performance.

## Enterprise-grade task automation

The platform features a robust scheduling and automation engine that reduces the burden of manual administration. Users can automate routine tasks such as backups, index reorgs, patching, and health checks using intuitive, visual workflows. Tasks can be scheduled based on time, thresholds, or system conditions, and complex sequences can be configured to support multi-step operations.

If you are managing multiple Db2 environments, struggling with tuning complexity, or lack centralized visibility, Db2 Intelligence Center offers a compelling opportunity to modernize and streamline their operations.

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