Deliver dependable database experiences

Dell Technologies, Red Hat, and Microsoft SQL Server give you a flexible, innovative foundation for today and tomorrow.

Improve database performance

Running Microsoft SQL Server on Red Hat Enterprise Linux and Dell EMC PowerEdge servers can help you:

• Answer database queries in 92% less time.¹
• Reduce data analysis wait times by 99%.¹
• Cut query times from 3 hours to only 13 minutes.¹

In partnership with:

Microsoft

Data is critical for digital business

Organizations are increasingly using data to run applications, inform processes, and gain insight. To support these initiatives, applications and users need fast, reliable, secure access to the right data at all times. Based on Microsoft SQL Server, Dell Technologies and Red Hat provide complete database solutions that deliver dependable, consistent experiences, fast performance, and innovation for the future.

Transform your database with Dell EMC, Red Hat, and Microsoft

Running Microsoft SQL Server on Red Hat® Enterprise Linux® and Dell EMC PowerEdge servers gives you more flexibility, performance, and protection, while at the same allowing you to deliver a dependable database experience for applications and users. These integrated solutions deploy quickly, improve database performance, and provide a flexible foundation that easily adapts to change.

• Microsoft SQL Server is a database management system for critical workloads ranging from small, single-machine applications to large, enterprise-scale and internet-facing applications with thousands of concurrent users.

• Red Hat Enterprise Linux is an open source, consistent foundation for bare-metal, virtualized, container, and public and private cloud infrastructures. Built-in security and management capabilities provide a stable, high-performance platform for critical workloads. As the reference platform for Microsoft SQL Server on Linux, all development, co-engineering, and quality testing was first performed on Red Hat Enterprise Linux.

• Dell EMC PowerEdge servers offer strong database performance with a variety of storage configuration options. These servers support mixed database management system workloads, like online transaction processing (OLTP) and decision support, making them future-ready for data analytics and real-time applications.

Dell EMC Ready Solutions for Microsoft SQL are also available. These offerings bundle all components into a single, easily deployable environment purchased from Dell Technologies.

**Improve database performance**

Speed data access and results with an optimized platform that delivers exceptional computational scalability, application performance, and database throughput. Testing showed that running Microsoft SQL Server on Red Hat Enterprise Linux and Dell EMC PowerEdge servers reduced data analysis time from three hours to only 13 minutes, an improvement of 92%.¹

In addition, Microsoft SQL Server includes several performance-enhancing features. For example, Microsoft SQL Server columnstore indexes can boost analytic and data warehousing workload performance by up to 100x.²

**Build a launchpad for future innovation and change**

Prepare your business for uncertainty and innovation with a dependable foundation that spans environments and streamlines management. Red Hat Enterprise Linux runs reliably across a variety of infrastructures – including bare metal, virtual, and private, public, and edge clouds – so you can deliver a consistent, native database experience regardless of the underlying environment. Scale to meet your requirements with a flexible, modular architecture that lets you start small and expand quickly, easily, and efficiently. Deploy a platform for the future with an open source foundation for bare-metal, virtualized, container, and public and private cloud infrastructures.

**Deploy quickly and reliably**

Get up and running rapidly and cost-effectively with complete solutions, expert services, and collaborative support. Deploy quickly and easily with streamlined, all-in-one procurement and expert assessment, set-up, and optimization services. Dell EMC Ready Solutions for Microsoft SQL help you deploy your environment correctly, the first time, to avoid costly implementation errors. Reduce operational costs through database performance tuning profiles that improve efficiency. Lower hardware and licensing costs by consolidating your database onto modern Dell Technologies infrastructure. You can also continue to use your existing tools, methodologies, and processes via support for open source and cross-platform tooling, as well as all existing driver and development frameworks, and many industry-leading third-party tools.

Increase stability, reliability, and performance with an integrated, tested, and optimized platform. Protect your data with advanced security features and ongoing support. When a problem occurs, a cooperative support model streamlines issue resolution and reduces hassles, so you can get back up and running faster.

**Learn More**

Data is critical for modern business operations. Deliver a dependable database experience with integrated Dell Technologies, Red Hat, and Microsoft SQL Server solutions that deploy quickly, improve performance, and provide a foundation for innovation.

Learn more about Dell Technologies, Red Hat, and Microsoft solutions at DellTechnologies.com/SQL and Red.HT/Microsoft-SQL-Server.

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