IDERA

Large Enterprise / Banking in USA

Introduction

This case study of Mizuho Securities is based on a November 2017 survey of SQL Doctor customers by TechValidate, a 3rd-party research service.

> " "With analysis with SQL Doctor, top important items get fixed."
>
> "With SQL Doctor, we achieve better system up time and system usability which means happy end-users."

Challenges

The business challenges that led the profiled company to evaluate and ultimately select SQL Doctor:

- SQL Server performance problems due to:
  - index and query issues
  - disk, memory, network, and processor issues
  - database and server settings
  - deadlocks, blocking processes, long-running jobs and transactions, and wait stats
- SQL Server security risks due to non-optimal security settings
- SQL Server disaster recovery risks due to database and transaction log backup issues
- A need for guidance on how to quickly fix SQL Server issues (not sure how system changes will affect database performance)

Use Case

The surveyed company has 100 to 499 SQL Server databases in their environment.

The surveyed company looked for the following key features when evaluating SQL Doctor:

- Run real-time, as-needed, and scheduled health checkups
- Limit the analysis to specified databases, applications, and performance categories
- View a summary of the health of the entire enterprise and of a selected server
- Display a prioritized list of performance optimization recommendations
- Generate SQL scripts to optimize performance and to undo previously applied optimization
- Access analysis history and view trends
- Analyze database instances on-premise and in the cloud

Company Profile

Company:
Mizuho Securities

Company Size:
Large Enterprise

Industry:
Banking

About SQL Doctor

SQL Doctor is a must-have time-saving tool that leverages proven industry best practices endorsed by SQL Server MVPs to analyze and provide recommendations for improving SQL Server performance. It targets some of the most common performance problems such as queries, server configuration, security, database objects, memory, wait statistics, query plans, and much more.

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Results

The surveyed company achieved the following results with SQL Doctor:

- Team impact:
  - Improved visibility into database health and performance
  - Identified the root cause and resolved problems faster
  - Proactively resolved problems before they impact the organization
  - Reduced database workload and increased database performance
  - Have better utilization of resources
  - Decreased security and disaster recovery risk
  - Improved the efficiency of database specialists
- Organizational impact:
  - Improved database end-user experience
  - Experienced fewer and less severe unpredictable database incidents
  - Improved database performance against organization-oriented service-level agreements
  - Reduced lost employee productivity
  - Decreased database-related IT costs
  - Could better meet the standards for security and disaster recovery
  - Maximized their infrastructure investments
- Reduced:
  - index issues: 60% to 80%

The surveyed company rates the following capabilities of SQL Doctor as compared to its competition:

- quick or full health checkups: best in class compared to
- drill-down dashboard: best in class
- prioritized recommendations: best in class
- educational resources: best in class
- scripts to tune and undo: best in class
- access to analysis history: best in class

Source: Arkesh Tripathi, Database Administrator, Mizuho Securities