

TOP TEN BENEFITS TO MIGRATE TO SQL SERVER 2017

01

IMPROVED COMPATIBILITY

For many years, Linux and Docker have provided stable platforms for database environments and now, with SQL Server 2017, users now have the option to run SQL Server on both of them.

02

STATISTICAL/DATA SCIENCE ANALYSIS

With the addition of Enhanced R-Open and Python, SQL Server 2017 gives users around the clock access to data and analytical/statistical tools like Advanced Analytics allows for quick data assessment and reporting.

03

BETTER PERFORMANCE

There is always a need for faster data processing and 2017 offers that; queries are almost 100x faster and transaction speeds have been enhanced by roughly 30 percent.

04

IMPROVED SECURITY AND CONTINUED SUPPORT

Row-level security and continued support offer consistent compliance around your database (including ISO, HIPAA, GDPR...) and provides secure access to your data for years to come.

05

DYNAMIC MANAGEMENT OBJECTS

SQL Server 2017's new Dynamic Management Objects (DMOs) give users a bird's eye view of various log files (i.e., virtual log files and log sequence numbers) for improved visibility into their database.

06

MACHINE LEARNING SERVICES

R Services is now being called Machine Learning Services (MLSs) and with Python support your database will have precise calculations and processing to specified areas of data for advanced visualization and analytics.

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NEW/IMPROVED SERVICES

Numerous service areas of SQL Server have been modestly improved for 2017; SSIS (SQL Server Integration Services) can now be scaled out and SSRS (SQL Server Reporting Services) now offers users the ability to give feedback and suggestions on reports.

08

VISUAL STUDIO VERSATILITY

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STRETCH & GRAPH DATABASE

The new Graph Database now makes working with hierarchical data by simplifying the data modeling process. The Stretch Database gives users the opportunity to clean up on-prem storage by moving stagnant data to an Azure environment with easy access.

10

LOWER TOTAL COST OF OWNERSHIP

Compared to other databases like Oracle, SQL Server 2017 comes with all the necessary and advanced features at nearly a tenth of the cost. Additionally, for cloud services, SQL Server on Azure can be 73% less than hosting instances on AWS.