

MATERIAL AND SOFTWARE CONFIGURATIONS REQUIRED - MS SQL

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OBJECTIVE

This page groups different components or configurations recommended to run the SQL server with the **maestro*** SQL database optimally.

SUMMARY

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Internet and Network Access

- Internet access is required to authenticate SQL Server licenses and updates;
- A wired Ethernet network is required:
 - 100 Mb/s minimum;
 - 1 Gb/s or more recommended.
- Wireless connections (WiFi) are not supported.
- TCP / IP IPv4 must be enabled.
 - TCP / IPv6 is not supported.
- Port 1433 must be configured to pass through the *Windows* Firewall.

Operating System

The supported operating system is *Windows Server 2012 R2* or higher.

SQL Server Edition

The standard (or superior) edition is required.

.NET Framework

The *.NET Framework 4.8* is required for the database engine support.

Hard Drive

A minimum of two hard disk of 500 Gb of available space is required. The hard drive must be configured in NTFS file system. FAT32 is not supported.

Memory

A minimum of 24 Gb of memory is required.

Processors

A minimum of 4 2.2 GHz cores is required.

SQL Server installation is supported only on x64 processors. It is no longer supported on x86 processors.

Monitor

A monitor with 1280 x 720 resolution with 16-bit color.



Starting with version 3.05, the minimum resolution required is **1366 x 768**.

Antivirus

The data directory must be excluded from the antivirus scan.

Some antiviruses also require the exclusion of the software installation directory.

Additional Information

We recommend running *SQL Server* on computers with a NTFS or ReFS file format.

Running *SQL Server* on a virtual machine is slower than running in native mode because of virtualization overhead.

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