



FleetGarage DBMS-server installation

The latest version of this document can be found at:

<https://fleetgarage.eu/content/documents/DBMS-server-installation.pdf>

Install the DBMS server: MS SQL Server edition Standard / Enterprise version 2019 or higher.

Installation requirements:

1. Operating system: Windows Server 2016 or higher.
2. **Before installing MS SQL Server** requires installing AccessDatabaseEngine_x64.exe (you have to download it from the Microsoft website).
3. MS installation distribution language SQL Server must match the operating system language.
4. You can't install MS SQL Server to compressed drives, network drives, and read-only drives.
5. You cannot mount the distribution via a remote desktop; it must be downloaded to the local disk of the server before starting installation.
6. **Required** selection of components sufficient for the FleetGarage:
 - a. Feature Selection: Database Engine Services, Client Tools Connectivity, Client Tools Backwards Compatibility;
 - b. Server Configuration: automatic launch SQL Server services, SQL Server Agent;
 - c. Server Configuration: "Grant Perform Volume Maintenance Task privilege to SQL Server Database Engine Service" = true;
 - d. Database Engine Configuration: Authentication Mode: **Mixed Mode**;
 - e. Database Engine Configuration: It is best to select a separate RAID array for storing databases. Disk subsystem is critical to SQL performance Server, so you need to choose the best available data storage option, be it NAS or local RAID of fast disks. It is a good practice to separate all directories (system databases, user databases, user database logs, backups) into different physical storage locations. This will ensure maximum performance from SQL Server at the level of working with data storage.
7. To manage a SQL server, you will need SQL Server Management Tools (SSMS).