

Hosting

SQL Hosting

SQL Hosting is nothing but a means to manage any RDBMS linked to your website using SQL. If the website has an access to a RDBMS, any data from the website you created will be stored and retrieved from this database.

There are various SQL hosting plans available if your web server is hosted by an Internet Service Provider (ISP).

Following are the most common SQL hosting databases:

- **MS SQL Server** – A relational database management system developed by Microsoft.
- **Oracle** – A widely-used relational database management system developed by Oracle Corporation.
- **MySQL** – An open-source relational database management system commonly used for web applications.
- **MS Access** – A desktop relational database management system developed by Microsoft, part of the Microsoft Office suite.

MS SQL Server

MS SQL Server is created and developed by Microsoft. It is compatible with both virtual and cloud servers. It is very efficient to use with database-driven websites having high traffic.

MS SQL Server's features include

- **Maximum scalability and security** – Provides high levels of scalability and robust security features.
- **Integrated reporting capabilities** – Includes built-in tools for generating and managing reports.
- **Easy to use** – User-friendly interfaces and tools for efficient database management.
- **Powerful** – Equipped with strong features and capabilities for handling complex data operations.
- **Robust** – Reliable and capable of handling large volumes of data and transactions.
- **Offers more diverse features while hosting** – Provides a wide range of functionalities and features when hosting applications or databases.

Oracle

Oracle is a popular database which is suitable to use with high-traffic websites. This database offers various features like,

- **Cost-effective product** – Provides a budget-friendly solution for database management.
- **High-performance** – Delivers strong performance metrics for data operations and queries.
- **Converged, multi-model database management system** – Integrates various data models into a single database system.
- **In-memory MySQL databases** – Utilizes in-memory technology for faster data processing and retrieval in MySQL.

Oracle is also a very powerful, robust and full featured SQL database system.

MySQL

MySQL is one of the most popular RDBMS in the world used to store and manage data. It is compatible with any type of server, say cloud, virtual or dedicated. Features of MySQL are as follows:

- **Easy to use** – User-friendly interface and tools that simplify database management.
- **High performance** – Delivers strong performance for efficient data operations and queries.
- **Excellent security** – Provides robust security features to protect data and maintain privacy.
- **Improved speed** – Enhances data processing and retrieval speeds for better performance.
- **Cost effective** – Offers a budget-friendly solution for managing and maintaining databases.

MS Access

Microsoft Access is a very simple database which can be used for simple websites. MS Access is neither as powerful as MySQL, MS SQL Server or Oracle. Thus, it is not effective for websites with higher traffic.