

How to choose the best database deployment for your business

There are a few different deployment options for databases, but picking the best one can be confusing. To make the right choice, you need to consider both your business needs and the differences between deployments. Before making your final decision, discover what each can do for you.



On-premises deployment



Hosted cloud deployment



Managed cloud deployment

On-premises deployments

On-premises deployments offer the highest level of control, but require the highest level of upkeep and management. This option is perfect for those wishing to keep a close eye on their deployment.



Allows the most customization and visibility into data location and movement



Runs behind your firewall for additional security and compliance



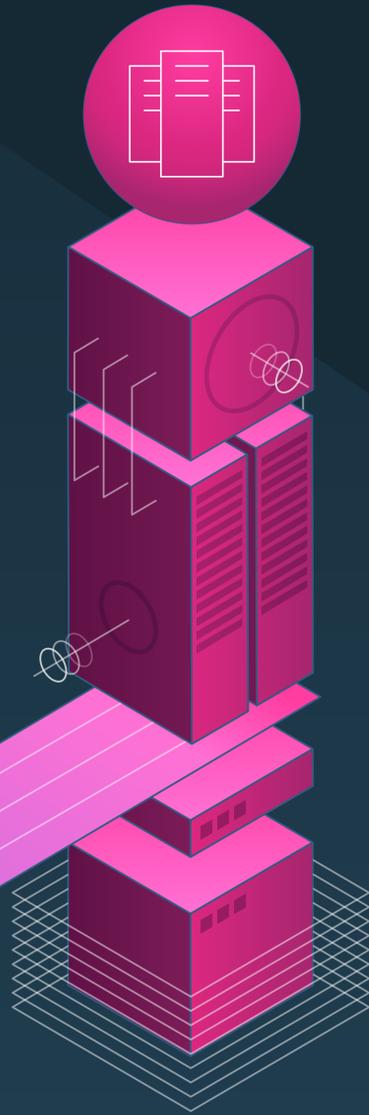
Keeps you in control of updates and maintenance



Offers better latency due to in-network or dedicated WAN connections



Requires the largest upfront investment in hardware to prepare for peak demand



Hosted cloud deployments

Hosted cloud deployments remove the responsibility of acquiring and maintaining hardware, while still offering a limited amount of control over your database. This option is for those seeking a middle ground between on-premises and managed services.



Allows off-site disaster recovery without the need to buy additional infrastructure



Offers the ability to use existing database licenses in many cases



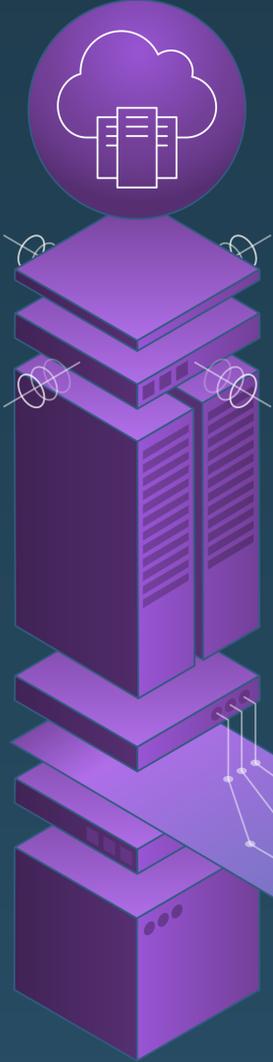
Integrates better with on-premises systems than managed cloud deployments



Provides limited optimization since data is not stored on your own hardware



Provides limited access and control over bandwidth than on-premises deployments



Managed cloud deployments

Managed cloud deployments are designed for simplicity, removing many of the concerns of provisioning and maintenance, but providing the least amount of control of any deployment option.



Offers rapid elasticity, such as cloud bursting, to independently scale, compute and store



Eliminates the need to maintain peak capacity by allowing you to only pay for what you use



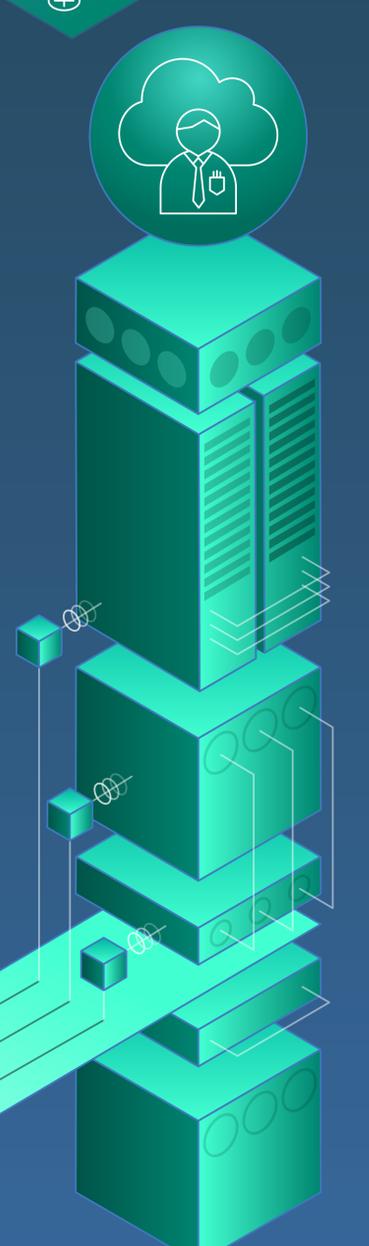
Provides fast and efficient deployment for development or departmental usage



Limits control over monitoring and bandwidth to what was specified in the service-level agreement with your vendor



Managed cloud vendor selects database software used, encouraging lock-in and potentially limiting the use of client's existing database licenses



On-premises, hosted cloud and managed cloud database deployments all provide significant benefits when aligned correctly to the needs of the business. Since many organizations need to rely on multiple types of deployment concurrently, it's always best to work with a technology partner that can supply all three in an efficient, well-integrated way.

Learn more about the benefits that up-to-date database technology can provide.

[Learn more](#)

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