Connecting External Database Systems

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ⓘ The use of an external database system is recommended in the following cases:

- You manage a large network of devices.
- A dedicated database system is already in use in your company.
- You integrate the High Availability[1] solution.

In other cases, the use of the embedded database is suitable. It is included in the standard UMS installation, see Installation under Windows[2] or Installation under Linux[3].

ⓘ For details on the supported database systems, see the "Supported Environment[4]" section of the release notes. Details of the requirements when installing and operating the database can be found in the documentation for the particular DBMS.

- To configure the database, use the relevant DBMS management program.
- To configure the data source and to connect the UMS to the database, use the UMS Administrator[5] > Datasource[6].

🔶 Be aware not to use special characters in your schema name or database user name!

⚠ All UMS Servers must work with the same database.

ⓘ For large High Availability environments, cluster databases are recommended.

See also Migrating a UMS Database From Embedded DB to Microsoft SQL Server[7].

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1 https://kb.igel.com/display/endpointmgmt606/High+Availability+HA
2 https://kb.igel.com/display/endpointmgmt606/Installation+under+Windows
3 https://kb.igel.com/display/endpointmgmt606/Installation+under+Linux
4 https://kb.igel.com/display/endpointmgmt606/Supported+Environment+6.06.100
5 https://kb.igel.com/display/endpointmgmt606/The+IGEL+UMS+Administrator
6 https://kb.igel.com/display/endpointmgmt606/Data+sources
7 https://kb.igel.com/display/endpointmgmt606/Migrating+a+UMS+Database+From+Embedded+DB+to+Microsoft+SQL+Server

- Oracle[8]
- Oracle RAC[9]
- Microsoft SQL Server[10]
- Microsoft SQL Server Cluster[11]
- Connecting the UMS to an SQL Server via Active Directory[12]
- PostgreSQL[13]
- Apache Derby[14]

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[8] https://kb.igel.com/display/endpointmgmt606/Oracle
[9] https://kb.igel.com/display/endpointmgmt606/Oracle+RAC
[10] https://kb.igel.com/display/endpointmgmt606/Microsoft+SQL+Server
[11] https://kb.igel.com/display/endpointmgmt606/Microsoft+SQL+Server+Cluster
[12] https://kb.igel.com/display/endpointmgmt606/Connecting+the+UMS+to+an+SQL+Server+via+Active+Directory
[13] https://kb.igel.com/display/endpointmgmt606/PostgreSQL
[14] https://kb.igel.com/display/endpointmgmt606/Apache+Derby