



IrisBG | Cloud Database Service

The IrisBG Cloud Database Service allows you to use IrisBG from different locations (computers) without the need for a local network infrastructure and local installation and management of the database.

The service uses a Microsoft Azure SQL database and requires an internet connection. The Microsoft Azure cloud platform provides scalability, backups and high availability for the database. The guaranteed availability is 99.95% (less than an hour downtime per year). The default storage capacity is 250 GB (gigabyte).

More information about Azure SQL: https://en.wikipedia.org/wiki/Microsoft_Azure_SQL_Database

Management

The service is managed by Compositae AS on your behalf. We take care of all the necessary configurations for the database. This includes connections, backups, security and performance. Having access to the database we are also able to assist with issues related to the content in the database.

Security

The database firewall allows only access from predefined locations (IP addresses) and the data traffic is encrypted. The database is encrypted at rest.

Data protection

Full backups are taken every week, differential backups every 12-24 hours, and transaction log backups every 5 to 10 minutes. The weekly backups are kept for 10 weeks. In addition, the data is replicated to another server in a different region to ensure availability in case of a disaster.

More information:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/automated-backups-overview>
<https://docs.microsoft.com/en-us/azure/azure-sql/database/high-availability-sla>

Local requirements

To use the cloud database service you will need:

1. A reliable internet broadband connection with a minimum speed of 10/5 Mbps. Check your connection: <https://www.speedtest.net>
2. A static IP address or IP range. We use this to open the database firewall for your computer(s).

