Azure Database For PostgreSQL

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Azure Database for PostgreSQL is a relational database service in the Microsoft cloud built for developers. It is based on the community version of open-source PostgreSQL database engine and is available in two deployment options: Single Server and Hyperscale (Citus).

Azure Database for PostgreSQL - Single Server:

available major versions for single servers are 9.5 (retired), 9.6 (retired), 10 and 11 as listed here: https://docs.microsoft.com/azure/postgresql/concepts-supported-versions.

Azure Database for PostgreSQL delivers:

- Built-in high availability with no additional cost.
- Predictable performance, using inclusive pay-as-you-go pricing.
- Scale as needed within seconds.
- Secured to protect sensitive data at-rest and in-motion.
- Automatic backups and point-in-time-restore for up to 35 days.
- Enterprise-grade security and compliance.

These capabilities require almost no administration, and all are provided at no additional cost. They allow you to focus on rapid app development and accelerating your time to market rather than allocating precious time and resources to managing virtual machines and infrastructure. In addition, you can continue to develop your application with the open-source tools and platform of your choice to deliver with the speed and efficiency your business demands, all without having to learn new skills.

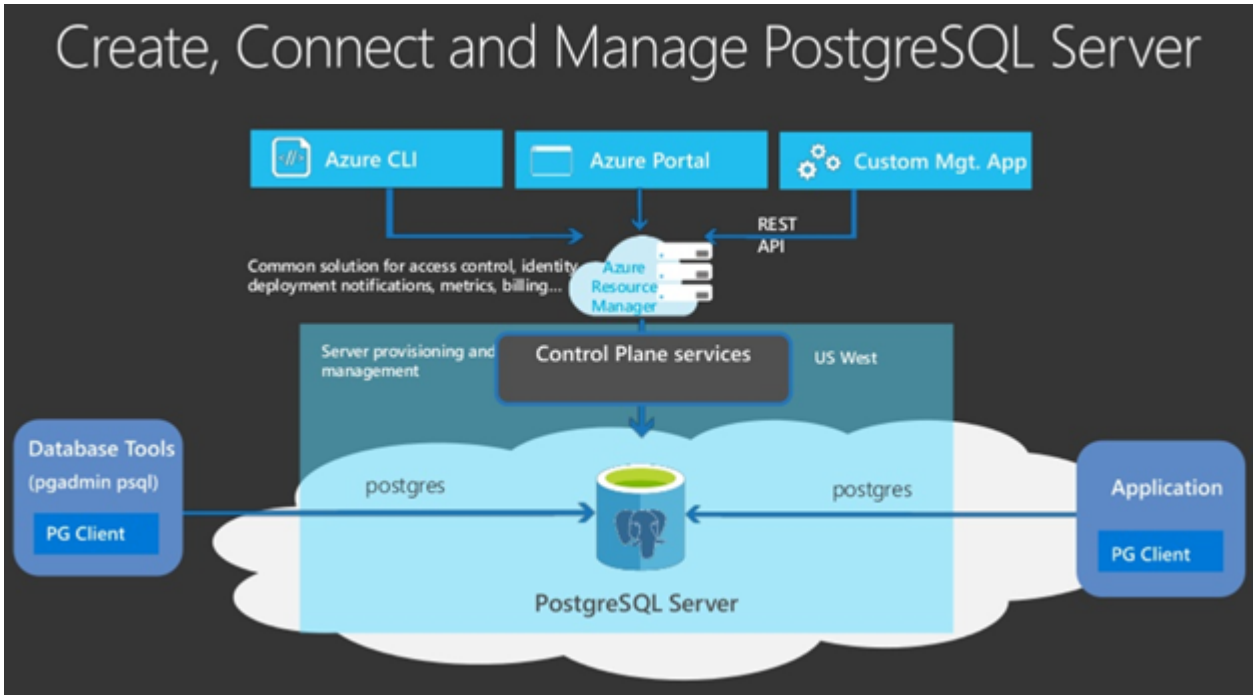
Azure Database for PostgreSQL - Hyperscale (Citus):

The Hyperscale (Citus) option horizontally scales queries across multiple machines using sharding. Its query engine parallelizes incoming SQL queries across these servers for faster responses on large datasets. It serves applications that require greater scale and performance, generally workloads that are approaching -- or already exceed -- 100 GB of data.

The Hyperscale (Citus) deployment option delivers:

- Horizontal scaling across multiple machines using sharding
- Query parallelization across these servers for faster responses on large datasets
- Excellent support for multi-tenant applications, real time operational analytics, and high throughput transactional workloads.

Applications built for PostgreSQL can run distributed queries on Hyperscale (Citus) with standard connection libraries and minimal changes.



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