Azure Database for MariaDB, MySQL and PostgreSQL

Platform-as-a-Service (PaaS)

Microsoft and SNP Technologies bring the power and ease of Platform-as-a-Service (PaaS) to your open source data workloads.

Azure Database for MariaDB, MySQL and **PostgreSQL** database services that can handle mission-critical workloads with predictable performance and dynamic scalability. As a managed service, Microsoft relieves you of the time and cost required to manage virtual machines and infrastructure.

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If your organization has databases on AWS RDS, on-premise or on virtual machines (IaaS), engage SNP for a Pilot deployment to Azure Cloud. Let SNP demonstrate the performance, security, scalability and cost savings for your use case.

The pilot provides the confidence to take the next step with SNP and Azure, and garner the benefits of PaaS for your MariaDB, MySQL and PostgreSQL workloads.

Features:

❖ Create many databases on a single server instance

❖ Runs the latest, stable MariaDB, MySQL and PostgreSQL community editions

❖ Limit access by IP Address

❖ VNet integration supported

❖ Data-in replication for hybrid data and multi-cloud synchronization

❖ Native integration with Azure Web Apps

Benefits:

❖ Eliminates hardware costs and reduces administrative costs

❖ Built-in high availability

❖ 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 & compliance

SNP's 2 Week Pilot Engagement

WEEK 1 ➤

WEEK 2 ➤

Discovery

- ❖ Overview of the hosting process with Azure's open source PaaS
- ❖ Understand the customer's workloads and dependencies
- ❖ Identify an application suitable for the Pilot.

Assessment

- ❖ SNP studies the application system, current infrastructure and usage trends from technical and functional perspectives.
- ❖ Assessments of web and database tier are performed to ascertain compatibility with Azure PaaS.

Design

- ❖ SNP creates a solution blueprint with a recommended architecture and implementation approach for hosting the chosen application workloads.

Pilot

- ❖ Initial hosting of the workloads to demo & validate the functionality the migration to Azure PaaS.
- ❖ A successful Pilot sets the stage for a production ready deployment.

Deliverables

- ❖ Azure subscription setup
- ❖ Assessment report

Deliverables

- ❖ Architecture diagram
- ❖ Migration plan walkthrough
- ❖ Application deployed to Azure
- ❖ Database migration to Azure
- ❖ Implementation documentation