

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Configure and migrate to Azure Database for PostgreSQL

Program aligned

To earn this Microsoft Applied Skills credential, learners demonstrate the ability to migrate a PostgreSQL database to and configure a database in Azure Database for PostgreSQL.

Data

Intermediate

Azure

Applied Skill

DURATION

Applied skill assessment

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Applied Skills credential

AUDIENCE PROFILE

Built for these roles

Built for Database Administrator learners validating applied skill in Azure Database PostgreSQL.

OVERVIEW

Executive overview

To earn this Microsoft Applied Skills credential, learners demonstrate the ability to migrate a PostgreSQL database to and configure a database in Azure Database for PostgreSQL. Candidates for this credential should understand PostgreSQL query processing, procedures and functions in PostgreSQL, Azure Database for PostgreSQL security, and Azure networking. They should also have experience working with PostgreSQL databases, tuning queries in Azure Database for PostgreSQL, and configuring and managing Azure Database for PostgreSQL.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen capability in databases scenarios
- Strengthen capability in database administrator scenarios
- Strengthen capability in azure scenarios

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ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds hands-on readiness for Configure and migrate to Azure Database for PostgreSQL using the current official Microsoft Applied Skills study guide.

Customization options

- Use your tenant, data, and workflow scenario where appropriate
- Add guided practice labs before assessment readiness
- Extend into implementation coaching for production adoption

CURRICULUM

Curriculum roadmap

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MODULE 1

Configure and migrate to Azure Database for PostgreSQL

Azure Database for PostgreSQL is a Platform as a Service database service in the Microsoft cloud. It bases itself on the PostgreSQL open-source relational database and includes built-in high availability, automatic backup and restore, as well as comprehensive security features. The pay-as-you-go pricing model provides predictable performance and near-instant scaling. In this learning path, you're introduced to the main features of PostgreSQL and how they work in Azure Database for PostgreSQL. You learn about the different Azure Database for PostgreSQL implementation options, and how to configure a server for your needs. (DP-3021)

- Explore PostgreSQL architecture
- Understand client-server communication in PostgreSQL
- Understand PostgreSQL query processing
- Secure Azure Database for PostgreSQL
- Procedures and functions in PostgreSQL
- Understand write-ahead logging
- Configure and manage Azure Database for PostgreSQL
- Understand concurrency in PostgreSQL
- Tune queries in Azure Database for PostgreSQL
- Migrate to Azure Database for PostgreSQL flexible server

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)

[Book advisory call](#)

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