



# New Azure Database for PostgreSQL flexible server

Microsoft

 Server names, networking connectivity method and backup redundancy cannot be changed after server is created. Review these options carefully before provisioning.

- Basics
- Networking
- Security
- Tags
- Review + create

Create an Azure Database for PostgreSQL flexible server. [Learn more](#)

 **Did you know** that new users in Azure can use PostgreSQL flexible server free for up to 750 hours using Azure free account?  
[Learn more](#)

## Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* ⓘ

Azure for Students

Resource group \* ⓘ

Select a resource group

[Create new](#)

## Server details

Enter required settings for this server, including picking a location and configuring the compute and storage resources.

Server name \* ⓘ

Enter server name

Region \* ⓘ

East US

PostgreSQL version \* ⓘ

17

Workload type ⓘ

☐ Development

☒ Production

Compute + storage ⓘ

General Purpose, D4ads\_v5


4 vCores, 16 GiB RAM, 128 GiB storage, P10 (500 IOPS)

Geo-redundancy : Disabled

[Configure server](#)


Availability zone ⓘ

No preference

 Selected region 'eastus' doesn't support multiple availability zones.

High availability


Deploy a standby replica for automatic failover capability. We recommend high availability for all production workloads. [Learn more](#)

- High availability 
- ☐

Disabled (99.9% SLA)
- ☒

Same zone - a standby server is available within the same zone (99.95% SLA). Provides lower transactional latency than zone-redundant.
- ☐

Zone redundant - a standby server is available in a different zone within the same region. Provides the best availability (99.99% SLA).

 Zone redundant high availability is not supported in the selected region.

Authentication

Select the authentication method you would like to support for accessing this PostgreSQL server. Enabling PostgreSQL password authentication allows you to authenticate with user names and passwords that are stored inside your PostgreSQL.

Enabling Microsoft Entra authentication allows you to create user names in PostgreSQL, which are mapped to accounts stored in Microsoft Entra ID. Users or applications authenticated against Microsoft Entra ID, can retrieve tokens that are presented to PostgreSQL as their corresponding time-limited password. [Learn more](#)

- Authentication method
- ☐

PostgreSQL authentication only
- ☐


Microsoft Entra authentication only
- ☒

PostgreSQL and Microsoft Entra authentication


Microsoft Entra administrator \*

Not selected

[Set admin](#)

Administrator login \* 

Enter administrator login


Password \* 

Enter password

Confirm password \*

Confirm the above password

Estimated costs



^	<b>Compute</b>	<b>USD 259.88/month</b>
	Standard_D4ads_v5 (4 vCores, USD 64.97 per vCore)	<b>4 x 64.97</b>
^	<b>Storage</b>	<b>USD 14.72/month</b>
	128 GiB (USD 0.12 per GiB)	<b>128 x 0.12</b>
^	<b>High availability</b>	<b>USD 274.60/month</b>
	Same zone or Zone redundant	
^	<b>Bandwidth</b>	
	Outbound data transfer across services in different regions will incur additional charges. Any inbound data transfer is free. <a href="#">Learn more</a>	
<b>Estimated total</b>		<b>USD 549.20/month</b>
<p>Prices are just estimates and may not reflect the final price. <a href="#">View Azure pricing calculator</a></p> <p>Final charges will appear in your local currency in cost analysis and billing views.</p>		