

Cx unable change the retention for SKU V4 GP

Last updated by | Abhishek Reddy Kumbham | Feb 14, 2022 at 7:06 AM PST

Issue Description and Symptom

Customers unable to change the retention for SKU V4 General purpose

ERROR:

It keeps hanging on and retention day's chance will not be affected.

Cause

This is a known issue and PG is trying to fix it with no ETA.

Mitigation and Resolution

Creating PostgreSQL flexible storage, GP – Standard D2ds_v4 -2 Vcore 8GiB

The screenshot displays the Azure portal interface for a PostgreSQL flexible server. The left sidebar shows the navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Compute + storage, Networking, Connection strings, Server parameters, Maintenance, High availability, and Advisor recommendations. The main content area is titled 'testpgflex' and 'Azure Database for PostgreSQL flexible server'. It includes a search bar and action buttons: Delete, Reset password, Restore, Restart, Stop, Refresh, and Feedback. The 'Essentials' section lists key details: Subscription (SQL DB & MI - MT Rdmd (v-pganapally) - Pranay Ganapally), Subscription ID (redacted), Resource group (Testing), Status (Available), and Location (West Europe). The 'Tags' section shows 'Tags (Edit)' and a link to 'Click here to add tags'. The 'Configuration' section lists: Server name (testpgflex.postgres.database.azure.com), Server admin login name (user), Configuration (General Purpose, D2ds_v4, 2 vCores, 8 GiB RAM, 128 GiB storage), PostgreSQL version (13.4), Availability zone (3), and High availability (Enabled). At the bottom, there are tabs for Getting started, Properties, Monitoring, and Tutorials.

Initial Retention period is 7 days

Home > testpgflex

testpgflex | Compute + storage

Azure Database for PostgreSQL flexible server

Search (Ctrl+/) Save Discard Feedback FAQs

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- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

Settings

- Compute + storage**
- Networking
- Connection strings
- Server parameters
- Maintenance
- High availability
- Advisor recommendations

Compute

Compute resources are pre-allocated and billed per hour based on vCores configured.

High Availability and Read replica is not supported for Burstable Tier

Compute tier

- ☐ Burstable (1-2 vCores) - Best for workloads that don't need the full CPU continuously
- ☒ General Purpose (2-64 vCores) - Balanced configuration for most common workloads
- ☐ Memory Optimized (2-64 vCores) - Best for workloads that require a high memory to CPU ratio

Compute size Standard_D2ds_v4 (2 vCores, 8 GiB memory, 3200 max iops)

Storage

The storage you provision is the amount of storage capacity available to your flexible server and is billed GiB/month.

Increasing the retention period from 7 to 14 days

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Azure Database for PostgreSQL flexible server

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High availability

Zone redundant high availability deploys a standby replica in a different zone with automatic failover capability.

High availability (Zone redundant) Enabled

You can modify your High availability selection in the High availability page.

Backups

Configure automatic server backups that can be used to restore your server to a point-in-time. [Learn more](#)

Backup retention period (in days) 7

Backup Redundancy Options Zone redundant

Geo-redundancy (preview) ☐ Recover from regional outage or disaster

Geo-redundant backup selection can be configured only during server creation.

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Azure Database for PostgreSQL flexible server

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You can modify your high availability selection in the high availability page.

Backups

Configure automatic server backups that can be used to restore your server to a point-in-time. [Learn more](#)

Backup retention period (in days) 14

Backup Redundancy Options Zone redundant

Geo-redundancy (preview) ☐ Recover from regional outage or disaster

Geo-redundant backup selection can be configured only during server creation.

Cost summary

There is No change is retention period as it is an issue.

Upgrading the server to higher version

testpgflex

Azure Database for PostgreSQL flexible server

Search (Ctrl+/) Delete Reset password Restore Restart Start Refresh Feedback

The server is currently in updating state. Please wait for the operation to complete. You can refresh to check status. Reach out to Microsoft support if the operation is too long.

Essentials

Subscription: SQL DB & MI - MT Rdmd (v-pganapally) - Pranay Ganapally

Subscription ID: [REDACTED]

Resource group: Testing

Status: Updating

Location: West Europe

Tags (Edit): [Click here to add tags](#)

Server name: testpgflex.postgres.database.azure.com

Server admin login name: user

Configuration: General Purpose, D2ds_v4, 2 vCores, 8 GiB RAM, 128 GiB storage

PostgreSQL version: 13.4

Availability zone: 1


High availability: Enabled

After upgrading the server:

Now changing the retention period to desire value.

Retention Period is now successfully changed to 14 days:

[Home](#) > [testpgflex](#)

 **testpgflex** | Compute + storage ...
Azure Database for PostgreSQL flexible server

[Save](#) [Discard](#) [Feedback](#) [FAQs](#)

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Backup retention period (in days) 14

Backup Redundancy Options [?](#) Zone redundant

Geo-redundancy (preview) [?](#) ☐ Recover from regional outage or disaster


Cost summary

You can modify your high availability selection in the [high availability](#) page.

Geo-redundant backup selection can be configured only during server creation.

Now downgrading the server back to normal GP – Standard D2ds_v4 -2 Vcore

[Home](#) > [testpgflex](#)

 **testpgflex** | Compute + storage ...
Azure Database for PostgreSQL flexible server

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Compute tier

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☐ Memory Optimized (2-64 vCores) - Best for workloads that require a high memory to CPU ratio

Compute size Standard_D2ds_v4 (2 vCores, 8 GiB memory, 3200 max iops) [v](#)

Storage

The storage you provision is the amount of storage capacity available to your flexible server and is billed GiB/month.

Storage size (in GiB) [?](#) 128

128 256 512 1024 2048 4096 8192 16384

Storage cannot be scaled down

*** Initializing deployment
Initializing template 'Testing'.

The Server is back to normal tier and retention period is 14 days

testpgflex | Compute + storage

Azure Database for PostgreSQL flexible server

Search (Ctrl+J)

Save Discard Feedback FAQs

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Export template

Support + troubleshooting

Resource health

New Support Request

Compute

Compute resources are pre-allocated and billed per hour based on vCores configured.

High Availability and Read replica is not supported for Burstable Tier

Compute tier

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Compute size

Standard_D2ds_v4 (2 vCores, 8 GiB memory, 3200 max iops)

Storage

The storage you provision is the amount of storage capacity available to your flexible server and is billed GiB/month.

Storage size (in GiB)

128

128 256 512 1024 2048 4096 8192 16384

Storage cannot be scaled down

Up to 500 effective IOPS for selected compute + storage size.

High availability

Zone redundant high availability deploys a standby replica in a different zone with automatic failover capability.

High availability (Zone redundant)

Enabled

You can modify your High availability selection in the [High availability page](#).

Backups

Configure automatic server backups that can be used to restore your server to a point-in-time. [Learn more](#)

Backup retention period (in days)

14

Backup Redundancy Options

Zone redundant

☐ Recover from regional outage or disaster

Geo-redundancy (preview)

Geo-redundant backup selection can be configured only during server

https://supportability.visualstudio.com/AzureDBPostgreSQL/_wiki/wikis/AzureDBPostgreSQL/568397/Cx-unable-change-the-retention-for-SKU-V4-GP

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