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

Initial Retention period is 7 days

Home > testpgflex

testpgflex | Compute + storage ⋯
Azure Database for PostgreSQL flexible server

🔍 Search (Ctrl+/) «	🖫 Save ✕ Discard ⟲ Feedback ? FAQs
🗓 Overview	
🗒 Activity log	**Compute**
🔑 Access control (IAM)	Compute resources are pre-allocated and billed per hour based on vCores configured.
🏷 Tags	
🔧 Diagnose and solve problems	

Settings

🟢 Compute + storage

ⓘ High Availability and Read replica is not supported for Burstable Tier

🖳 Networking

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) ⌄ |

⚙ Server parameters

🖥 Maintenance

Storage

🖳 High availability

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

🌐 Advisor recommendations

Increasing the retention period from 7 to 14 days

Home > testpgflex

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🔍 Search (Ctrl+/) «	🖫 Save ✕ Discard ⟲ Feedback ? FAQs
🗓 Overview	**High availability**
🗒 Activity log	Zone redundant high availability deploys a standby replica in a different zone with automatic failover capability.
🔑 Access control (IAM)	
🏷 Tags	High availability (Zone redundant) ⓘ Enabled
🔧 Diagnose and solve problems	

Settings

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

🟢 Compute + storage

🖳 Networking

Backups

🖍 Connection strings

Configure automatic server backups that can be used to restore your server to a point-in-time. Learn more ⧉

⚙ Server parameters

Backup retention period (in days)   ○━━━━━━━━━━━━━━━━━━━━━━━ | 7 |

🖥 Maintenance

Backup Redundancy Options ⓘ   Zone redundant

🖳 High availability

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

🌐 Advisor recommendations

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

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

Upgrading the server to higher version

After upgrading the server:

Now changing the retention period to desire value.

Retention Period is now successfully changed to 14 days:

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Azure Database for PostgreSQL flexible server

🔍 Search (Ctrl+/)   «   💾 Save   ✕ Discard   💬 Feedback   ? FAQs

- 🗄 Overview
- 📋 Activity log
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Settings

- 🔵 Compute + storage
- 🖥 Networking
- 📡 Connection strings
- ⚙️ Server parameters
- 🖥 Maintenance
- 🖧 High availability

ℹ️ 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

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

Cost summary   🐘

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

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Azure Database for PostgreSQL flexible server

🔍 Search (Ctrl+/)   «   💾 Save   ✕ Discard   💬 Feedback   ? FAQs

- 🗄 Overview
- 📋 Activity log
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Settings

- 🔵 Compute + storage
- 🖥 Networking
- 📡 Connection strings
- ⚙️ Server parameters
- 🖥 Maintenance
- 🖧 High availability

••• Initializing depl
Initializing template
'Testing'.

ℹ️ 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.

Storage size (in GiB) ⓘ   ○━━━━━━━━━━━   128
                          128   256   512   1024   2048   4096   8192   16384

⚠️ Storage cannot be scaled down

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

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

🔍 Search (Ctrl+/)   «   💾 Save   ✕ Discard   🗟 Feedback   ❓ FAQs

🗗 Overview	**Compute**
📋 Activity log	Compute resources are pre-allocated and billed per hour based on vCores configured.
🗝 Access control (IAM)	
🏷 Tags	
🖉 Diagnose and solve problems	ℹ High Availability and Read replica is not supported for Burstable Tier

Settings

🔘 **Compute + storage**

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

🖧 Networking
🖉 Connection strings
⚙ Server parameters
🖥 Maintenance

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

🖳 High availability
🌀 Advisor recommendations
🔒 Locks

Storage

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

Monitoring

Storage size (in GiB) ⓘ   ○━━━━━━━━━━━━━━━━━●━━━━━━━━ **128**
    128   256   512   1024   2048   4096   8192   16384

📊 Alerts
📉 Metrics

⚠ Storage cannot be scaled down

📇 Diagnostic settings
🗒 Logs

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

Automation

High availability

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

🔗 Tasks (preview)
🖥 Export template

High availability (Zone redundant) ⓘ   Enabled

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

Support + troubleshooting

💟 Resource health
🧑 New Support Request

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

ℹ Geo-redundant backup selection can be configured only during server