

Instance info

Instance ID *

testdb

Use lowercase letters, numbers and hyphens. Start with a letter.

Password *

●●●●●●

👁

GENERATE

Set a password for the default admin user postgres. [Learn more](#)

Database version *

PostgreSQL 13 ▼

Choose region and zonal availability

For better performance, keep your data close to the services that need it. Region is permanent, while zone can be changed any time.

Region

us-central1 (Iowa) ▼

☐ Single zone

In case of outage, no failover. Not recommended for production.

☒ Multiple zones (highly available)

Automatic failover to another zone within your selected region. Recommended for production instances. Increases cost.

Primary zone

Any ▼

Secondary zone

Any (different from prim... ▼

⬆

HIDE ZONES

Summary

| | |
|-----------------------------|-----------------------------------|
| Region | us-central1 (Iowa) |
| DB version | PostgreSQL 13 |
| vCPUs | 4 vCPU |
| Memory | 26 GB |
| Storage | 100 GB |
| Network throughput (MB/s) ⓘ | 1,000 of 2,000 |
| Disk throughput (MB/s) ⓘ | Read: 48.0 of 240.0 |
| | Write: 48.0 of 240.0 |
| IOPS ⓘ | Read: 3,000 of 15,000 |
| | Write: 3,000 of 15,000 |
| Connections | Public IP |
| Backup | Automated |
| Availability | Multiple zones (highly available) |
| Point-in-time recovery | Enabled |

Customise your instance

You can also customise instance configurations later

Machine type ^

Machine type

Choose a preset or customise your own. For better performance, choose a machine type with enough memory to hold your largest table.

High memory ▼

- ☒ 4 vCPU, 26 GB
- ☐ 8 vCPU, 52 GB
- ☐ 16 vCPU, 104 GB
- ☐ Custom

Storage ^

Storage type

Choice is permanent. Storage type affects performance.

- ☒ SSD (Recommended)
Most popular choice. Lower latency than HDD with higher QPS and data throughput.
- ☐ HDD
Lower performance than SSD with lower storage rates.

Storage capacity

10 - 30,720 GB. Higher capacity improves performance up to the limits set by the machine type. Capacity can't be decreased later.

- ☐ 10 GB
- ☐ 20 GB
- ☒ 100 GB
- ☐ 200 GB
- ☐ Custom


- ☒ Enable automatic storage increases
If enabled, whenever you are nearing capacity, storage will be incrementally (and permanently) increased.[Learn more](#)

Connections

Choose a network path for connecting to this instance. For extra security, consider using the Cloud SQL proxy.[Learn more](#)

- ☐ **Private IP**
Requires additional APIs and permissions, which may require your system admin. Can't be disabled once enabled.[Learn more](#)
- ☒ **Public IP**
Authorise a network or use [Cloud SQL Proxy](#) to connect to this instance. [Learn more](#)

Authorised networks


 You have not authorised any external networks to connect to your Cloud SQL instance. External applications can still connect to the instance through the Cloud SQL proxy.[Learn more](#)

[ADD NETWORK](#)

Backups

Automated backups and point-in-time recovery help protect your data from loss at a minimal cost.[Learn more](#)

- ☒ **Automate backups**
Choose a window of time for your data to be automatically backed up, which may continue outside the window until complete. Time is your local time zone (UTC+5:30).

13:30 – 17:30 

ADVANCED OPTIONS

- ☒ **Enable point-in-time recovery**
Allows you to recover data from a specific point in time, down to a fraction of a second, via write-ahead log archiving. Make sure that your storage can support the days of logs that you're retaining.

Choose how many days of logs to retain

You can set a retention policy that determines how many days of transaction logs are stored at a time. [Learn more](#)

Days of logs *

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testdb

PostgreSQL 13

Networking

Choose a network path for connecting to this instance. For extra security, consider using the Cloud SQL proxy.[Learn more](#)

☐ Private IP

Requires additional APIs and permissions, which may require your system admin. Can't be disabled once enabled.[Learn more](#)

☒ Public IP

Authorise a network or use [Cloud SQL Proxy](#) to connect to this instance. [Learn more](#)

Authorised networks

testPublicIp (200.27.123.0/24)

(Not saved) ▾

ADD NETWORK

Open

SAVE

DISCARD CHANGES

App Engine authorisation

All apps in this project are authorised by default. To authorise apps in other projects, follow the steps below.

Apps in this project: All authorised.

AUTHORISE APPS IN OTHER PROJECTS

Security

You can manage secure connections to this instance using Transport Layer Security

Release Notes