

Create a new service with Bring your own AWS Account (BYOAWS)

To create a new service, first, open [Elestio Dashboard](#), then go to *services* from the left sidebar and click the button to *create a new service*.

- The first step is to choose a template or service to deploy, then click Deploy to proceed to the next step.

We offer more than 400 supported software templates, so you can pick the one you want to use. If you want to learn more about a specific template before using it, click the *Details* button. All of the templates and their details are also available on our [managed services](#) page.

The screenshot displays the 'Create Service' page in the Elestio dashboard. The page is divided into three steps: 1. Select service (highlighted), 2. Select provider, region & service plan, and 3. Select Support & advanced setting. The 'Databases' category is selected in the sidebar, and a search bar is present. The main content area shows a grid of service templates, each with an icon, name, and brief description. The PostgreSQL template is highlighted with an orange border and has 'Details' and 'Select' buttons below it. Other templates include MySQL, MariaDB, ColumnStore, Redis, Valkey, pgvector, and pgDuckDB.

Service Name	Description
PostgreSQL	PostgreSQL is a powerful, open-source object-relational database system, known for reliability, data integrity and performance.
MySQL	MySQL is an Oracle-backed open-source RDBMS that runs on almost all platforms.
MariaDB	The open source relational database
ColumnStore	MariaDB ColumnStore is a GPLv2 open-source columnar database built on MariaDB Server.
Redis	Redis is an open-source, in-memory database, cache and message broker.
Valkey	A flexible distributed key-value datastore that supports both caching and beyond caching workloads.
pgvector	Open-source vector similarity search for Postgres
postGis	PostGIS extends the capabilities of the PostgreSQL relational database by adding support for storing, indexing, and querying...
pgDuckDB	DuckDB's columnar-vectorized analytics engine into PostgreSQL, enabling high-performance analytics and data-intensive applications

Use the category tabs to filter the selection of software.

Databases

Applications

Development

Hosting & Infra

Full Stack

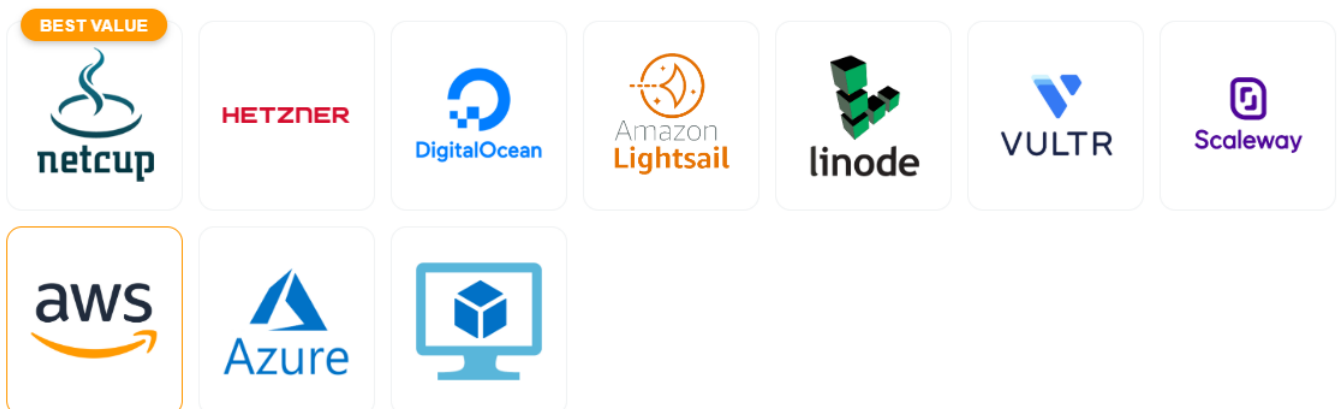
CI/CD

A

- Select Service Cloud Provider

“ We provide 9 cloud service providers as well as [Bring Your Own VM](#). You can choose AWS from this list.

Hetzner, Digital Ocean, LightSail, Linode, and Vultr providers' services are deployed on Elestio accounts, whereas AWS is Bring Your Own AWS account, so all of the services are deployed in your own AWS account.



- Now configure your AWS account with Elestio. We offer two types of connections: simple and access/secret keys.

Choose the Access/Secret key way to connect your AWS account.

Simple

Access/Secret Keys



On your AWS account, please make sure that you have granted an [AmazonEC2FullAccess](#) access to these keys. View our [documentation](#) to learn how to create AWS access and secret credentials.

Access key

Secret key

Verify Config

View our [documentation](#) to learn how to create AWS access and secret credentials.

Refer to the AWS [documentation](#) for guidance if you'd like to attach the IAM Instance Profile Role with SSM permissions to your EC2 instance.

Enter your AWS Account [AmazonEC2FullAccess access key](#) and secret key here, then click the [Verify](#) button to validate your AWS access credentials.

Anytime you've configured your AWS account in the project settings, you can update your AWS Account Access and Secret credentials by choosing the *Project Settings* option from the left sidebar. Visit our [documentation](#) for more information.

- Select Service Cloud Region



These regions are listed based on the accessibility of your **AWS** account; if you're looking for a region that isn't listed here, please enable it on your AWS account.


Europe

North America


South America

Asia


eu-central-1

 Germany - Frankfurt


eu-north-1

 Sweden - Stockholm

eu-west-1

 Ireland - Dublin

eu-west-2

 United Kingdom - London

• Select Service Plan

You can [view](#) a detailed list of all the AWS EC2 plans we offer.

T3 Instances



M6A Instances

T4G Instances



MICRO-2C-1G-T3

 2 CPU  1 GB RAM  50 GB - 10 TB Storage  Intel Xeon

SMALL-2C-2G-T3


 2 CPU  2 GB RAM  50 GB - 10 TB Storage  Intel Xeon

MEDIUM-2C-4G-T3

 2 CPU  4 GB RAM  50 GB - 10 TB Storage  Intel Xeon

• Choose the Disk Storage Size




By default, we configure it with 50 GB, but you can change it as needed between 50 GB and 10 TB.

 The range of disc sizes available is 50 GB to 10 TB.

50

“ You can resize your disc size after deployment at any time by clicking the Update Volume button in the *Main volume* section of the services overview. Visit our [documentation](#) for more information.

• Select Service Support

BASIC	POPULAR	ENTERPRISE
Level 1 Support Perfect for testing	Level 2 Support Great for staging	Level 3 Support Production ready
Included	\$0.0685 / hour	\$0.2740 / hour
FEATURES INCLUDED: 7 days remote backup retention No service snapshots Email support channel 3 days response time Proactive monitoring Documentation & community forum Console support access No SLA	EVERYTHING IN BASIC, PLUS: 14 days remote backup retention 2 service snapshots included Email support channel 24h response time (business hours) Proactive monitoring Documentation & community forum Priority queuing	EVERYTHING IN PROFESSIONAL, PLUS: 30 days remote backup retention 4 service snapshots included Email support channel 4h response time (business hours) Proactive monitoring with email alerts Documentation & community forum Priority queuing Dedicated Customer Success Manager
 Ideal for test environments	 Ideal for staging environments	 Ideal for production environments

- Provide the service name & Admin email (used to create the admin account)

By default, the name was prefilled with the template name, and the email was prefilled with the project owner's email, but you can change this.



The service name cannot be changed afterwards.

Name*

postgresql-wecnv

Admin email*

amit@elest.io

- **Advanced Configuration**

By default, all settings are already filled out, but you can alter them to suit your preferences.

OS updates include updates to the Linux kernel, security patches, and other important maintenance to keep your instance running smoothly.

Software updates update the code of the open-source application itself. We respect semantic versioning, so we will only implement minor and patch updates in order to avoid non-breaking changes.

Maintenance windows are specified in UTC

3.1 Auto Updates



We recommend that you disable automatic updates of any critical systems.

a. Software Updates



Please indicated your preferred maintenance hour to apply the updates.

Time

06:30

Day

Sunday



b. System Updates



Please indicated your preferred maintenance hour to apply the updates.

Time

10:30

Day

Sunday



Security Patches Only

3.2 Configure SSH Keys (Optional)

Please select keys



Add new key

- Now, click the *Create Service* button to deploy your service.

The screenshot displays the Elestio service configuration page. On the left is a navigation sidebar with options like Clusters, CI/CD, Volumes, Load Balancer, Domains, Members, Billing, Project Setting, Audit Trail, and Account. The main content area shows three service plans: **Level 1 Support** (Basic, \$0.0685/hour), **Level 2 Support** (Popular, \$0.2740/hour), and **Level 3 Support** (Enterprise, \$0.2740/hour). The Level 1 plan is selected and highlighted with an orange border. Below the plans, configuration options for PostgreSQL are shown: Version (16), Provider (AWS EC2), Region (Europe, Germany Frankfurt), Plan (MICRO-2C-1G-T3), and Support (Level1). The estimated hourly price is \$0.0188. A 'Create Service' button is located at the bottom right.

After a few seconds, your new service will appear in the list with the status "Service is in deployment." It should only take 2-3 minutes for your service to be ready to use.

elestio

PROJECT: **elestio-services**

Current Services Active Services [+ Create a new service](#)

Search Services

Service	Status	Plan	Cloud	Created
postgresql-1pux9 PostgreSQL	● Service is running	MICRO-2C-1G 2 CPUs / 1 GB RAM / 20 GB storage	Amazon Web Services Germany, Frankfurt, aws	9 minutes ago
scylladb-1kbfl ScyllaDB	● Service is running	MEDIUM-2C-4G 2 CPUs / 4 GB RAM / 40 GB storage	Hetzner Germany, Falkenstein, hetzner	3 minutes ago
mastodon-1kbfl Mastodon	● Service is running	MEDIUM-2C-4G 2 CPUs / 4 GB RAM / 40 GB storage	Hetzner Germany, Falkenstein, hetzner	a few seconds ago
mariadb-1pux9 MariaDB	● Service is running	MICRO-2C-1G 2 CPUs / 1 GB RAM / 20 GB storage	Amazon Web Services Germany, Frankfurt, aws	9 minutes ago
minio-1pux9 Minio	● Service is running	MICRO-2C-1G 2 CPUs / 1 GB RAM / 20 GB storage	Amazon Web Services Germany, Frankfurt, aws	12 minutes ago

You will receive an email with information about the deployment of your software once your service is ready.

The URL and credentials for accessing the web UI or database application are sent via email and are also available in the [Service Overview](#).

Visit our [documentation](#) to learn more about service management.

[Get started on the elestio dashboard](#), or [read more about it in our documentation](#)

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