



Quick Start Guide to Test Drive EDB BigAnimal

Get up and running quickly with this step-by-step guide to test drive EDB BigAnimal, fully managed Postgres.

portal.biganimal.com

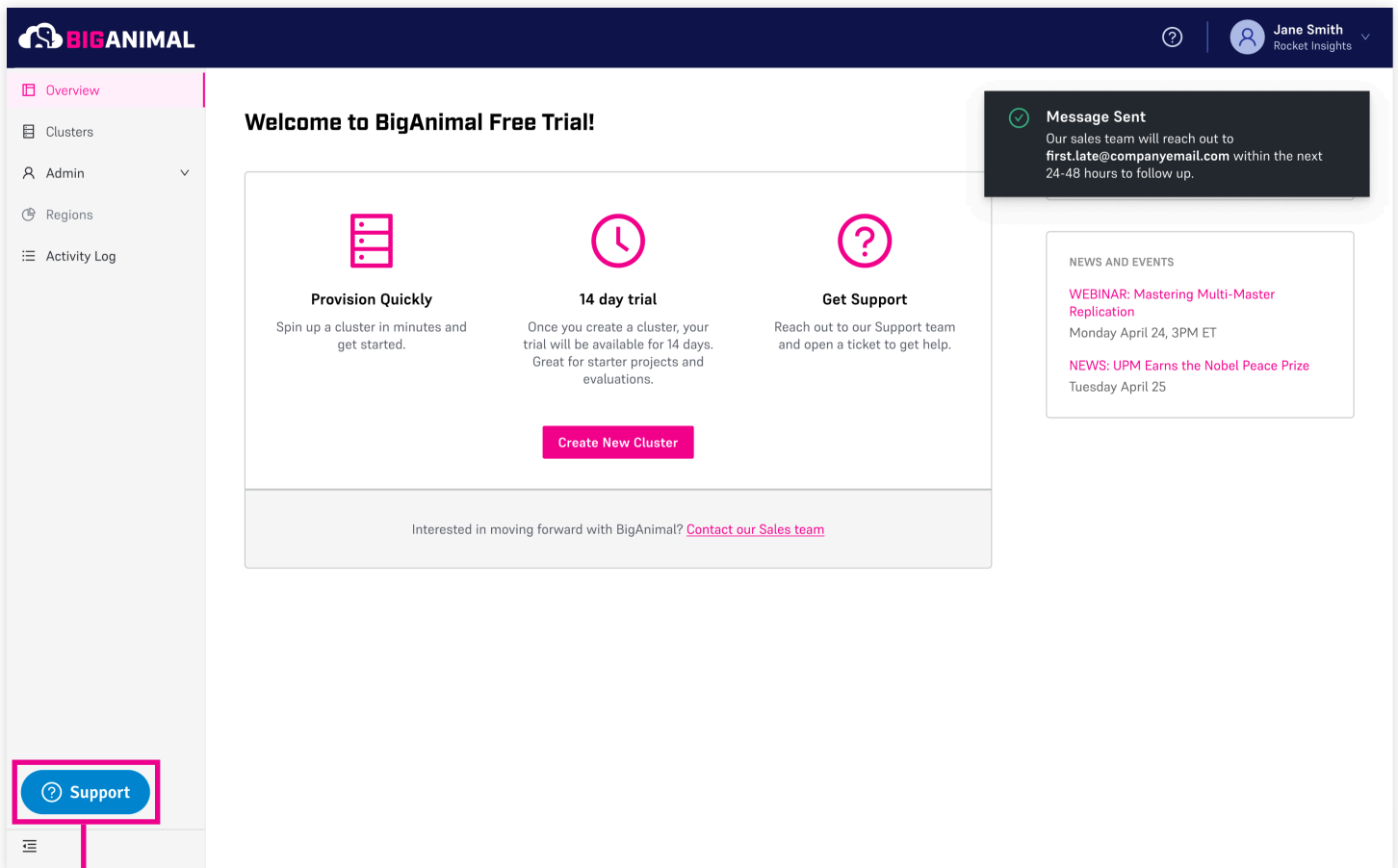
Welcome to your BigAnimal test drive

Get ready to see what BigAnimal can do for you.

Let's dive in!

Experience BigAnimal now

This 14-day test drive is designed to empower you to jump right into BigAnimal, quickly take a look around, and get started. With no AWS and Azure setup needed on your end, the trial is truly free for you.



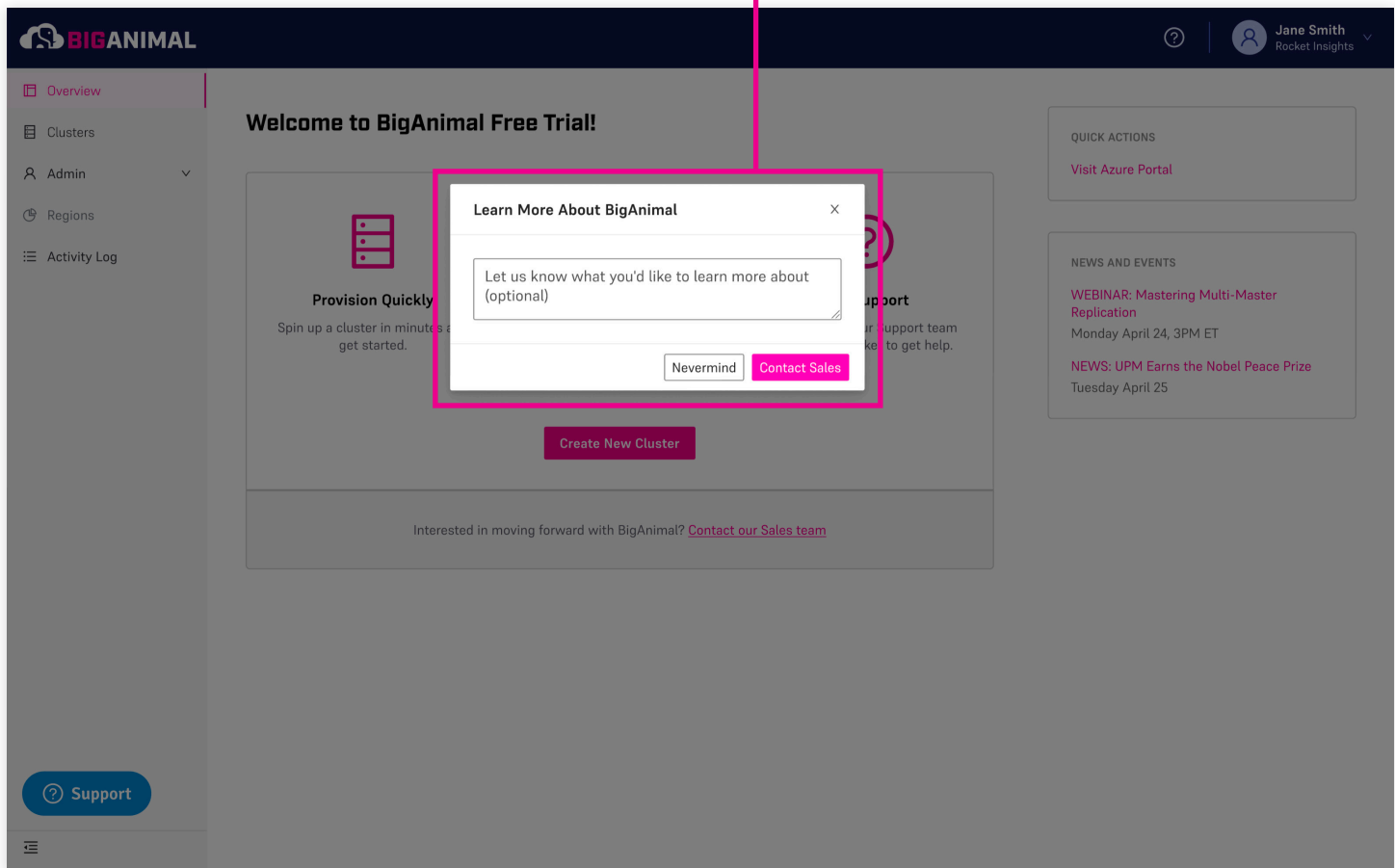
The screenshot shows the BigAnimal Free Trial dashboard. At the top left is the BigAnimal logo. On the right, there is a user profile for Jane Smith (Rocket Insights) and a help icon. A left sidebar contains navigation links: Overview (highlighted), Clusters, Admin, Regions, and Activity Log. The main content area is titled "Welcome to BigAnimal Free Trial!" and features three columns: "Provision Quickly" (with a server rack icon), "14 day trial" (with a clock icon), and "Get Support" (with a question mark icon). Each column has a brief description and a "Create New Cluster" button is centered below them. A footer link says "Interested in moving forward with BigAnimal? [Contact our Sales team](#)". On the right, a "Message Sent" notification states that the sales team will reach out to first.late@companyemail.com within 24-48 hours. Below that is a "NEWS AND EVENTS" section with links to a webinar and a news item. At the bottom left, a blue "Support" button with a question mark icon is highlighted by a red box.

Note: If you need assistance at any time, you can click the blue Support button to leave the EDB team a message, and we'll reach out to help.

What you get with your test drive

- A fully-managed Postgres database environment for a single user and a single cluster
- A cluster that you can start, stop, delete, or re-create at any time throughout your trial
- A log that tracks your activity
- The ability to access and change database configuration parameters
- EDB's Postgres Advanced Server, which features compatibility with Oracle
- 14 days to try BigAnimal, which begins when you provision a cluster

Throughout your trial, you'll have access to EDB's world-class Postgres expertise. If you need product support, click on the Support button. If you'd like to talk to your account team or have other inquiries, click on Contact Sales.



The screenshot shows the BigAnimal Free Trial dashboard. The main heading is "Welcome to BigAnimal Free Trial!". A modal dialog titled "Learn More About BigAnimal" is open, containing a text input field with the placeholder "Let us know what you'd like to learn more about (optional)", a "Nevermind" button, and a "Contact Sales" button. The dashboard background includes a sidebar with navigation items like Overview, Clusters, Admin, Regions, and Activity Log. A "Support" button is visible in the bottom left. On the right, there are sections for "QUICK ACTIONS" (Visit Azure Portal) and "NEWS AND EVENTS" (Webinar: Mastering Multi-Master Replication, News: UPM Earns the Nobel Peace Prize).

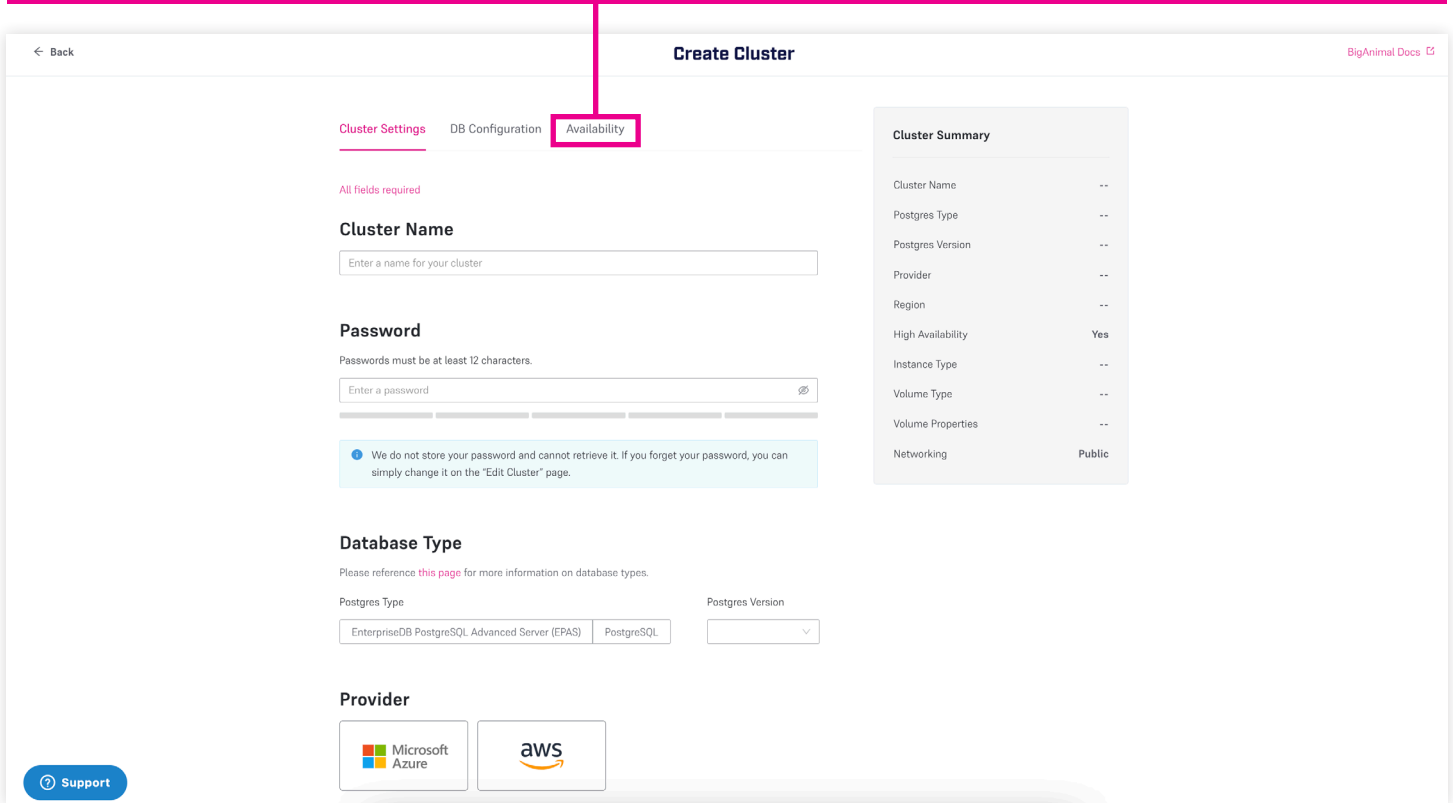
A full version of BigAnimal is deployed in your own cloud account and gives you a clear view into your database, what is provisioned, and how it's configured. This on-demand free trial is offered in EDB's environment, which gives you the ability to view many, but not all, of the features you'd see in the paid version.

Orientation to the BigAnimal environment

Once you log in, you'll see a video and introductory information on the Overview page.



High availability is not available in your trial, but can be experienced in a 30-day evaluation, where you'll get the full BigAnimal experience. You can contact the EDB sales team for more information.



Create Cluster

Cluster Settings | DB Configuration | **Availability**

All fields required

Cluster Name
Enter a name for your cluster

Password
Passwords must be at least 12 characters.
Enter a password

Database Type
Please reference [this page](#) for more information on database types.

Postgres Type: EnterpriseDB PostgreSQL Advanced Server (EPAS) | PostgreSQL

Postgres Version: [Dropdown]

Provider

Microsoft Azure | **aws**

Cluster Summary

Cluster Name	--
Postgres Type	--
Postgres Version	--
Provider	--
Region	--
High Availability	Yes
Instance Type	--
Volume Type	--
Volume Properties	--
Networking	Public

Support



Keep in mind that the free trial does have limitations around region choices, instance types, private networking, and storage options that are not limitations of the full version.

BigAnimal User free-trial

- Overview
- Clusters
- Admin
- Activity Log

Welcome to BigAnimal Free Trial

Provision Quickly
Spin up a cluster in minutes and get started.

14 Day Trial per cluster
Once you create a cluster, your trial will be available for 14 days. Great for starter projects and evaluations.

Get Support
Reach out to our Support team and open a ticket to get help.

Free Trial accounts are limited to 1 active cluster at a time. To create another cluster, [contact sales](#).

To learn more about cluster settings, [see this page](#).

Interested in moving forward with BigAnimal? [Contact our Sales team](#)

HOW TO'S

- Demonstration of Oracle SQL compatible functions and syntax
- Connecting to a New Cluster
- Migrating From Oracle
- Change Cluster Configuration

NEWS AND EVENTS

PostgresBuild 2021 Session Highlights: Dr. Michael Stonebraker on Maximizing Database Application Performance
Jan 26, 2022, 17:04:40 UTC

PostgresBuild 2021 Session Highlights: Dr. John A. Stevenson on Managing Multiple PostgreSQL Databases
Jan 24, 2022, 23:54:37 UTC

Support
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Instance Type

Please reference [this page](#) for more information on instance types.

Have you raised your Azure resource limits yet? If not, [learn how to raise your limits](#).

Name	vCPU	memory/GB
<input checked="" type="radio"/> E2s v3	2	16

Looking for bigger instance types?

You can access all instance types with a paid account.

[Contact Sales](#)

Storage

Clusters provisioned on Azure use Premium SSD Managed Disks. Please reference [this page](#) for more information about pricing.

Volume Type

Azure Premium Storage

Volume Properties

P1 (4 Gi, 120 Provisioned IOPS, 25 Provisioned MB/s)

Network Connectivity

Cloud Type

Private Public

Use allowlists to restrict network access

Cluster Summary

Cluster Name	biganimal-user
Postgres Type	PostgreSQL
Postgres Version	14
Provider	Azure
Region	(US) East US 2
High Availability	Yes
Instance Type	E2s v3, 2vCPU, 16GB RAM
Volume Type	Azure Premium Storage
Volume Properties	P1 (4 Gi, 120 Provisioned IOPS, 25 Provisioned MB/s)
Networking	Public

To get access to different instance types or more regions, please reach out to EDB by sending a message to Sales via the "Contact Our Sales Team" button in the trial environment

You do have instant access to the DB configuration parameters during the free trial., so you can easily tune and change database parameters. You'll be able to access all of these and adjust them as desired, giving you greater flexibility and control over your environment. You can also easily change and scale compute and storage right from the portal, providing strong baseline security

Featured: Compatibility with Oracle databases

A unique benefit of BigAnimal is its compatibility with Oracle queries, syntax, and functions, which the solution is able to run in the cloud via EDB Postgres Advanced Server (EPAS). This feature is specifically designed to save you time and minimize risk.

Our demonstration uses a Chinook sample database to show two examples of how BigAnimal includes native compatibility with Oracle.

They are:

- Exposing a hierarchy (such as department chain of command) with **CONNECT BY**
- Group concatenation with **LISTAGG**

Both of these Oracle SQL-syntax queries can run unmodified in BigAnimal.

```
Toggle Wrap Copy

SELECT firstname, lastname, (
  SELECT LISTAGG(lastname, ', ')
  FROM employee rt
  START WITH rt.employeeid=e.reportsto
  CONNECT BY employeeid = PRIOR reportsto
) AS "chain of command"
FROM employee e;
```

OUTPUT

firstname	lastname	chain of command
Andrew	Adams	
Nancy	Edwards	Adams
Jane	Peacock	Edwards, Adams
Margaret	Park	Edwards, Adams
Steve	Johnson	Edwards, Adams
Michael	Mitchell	Adams
Robert	King	Mitchell, Adams
Laura	Callahan	Mitchell, Adams

(8 rows)

These functionalities ensure you don't have to worry about rewriting or reconfiguring an entire architecture to accommodate new syntax, and lose the work you've already invested time and resources in. Rather, by giving you the ability to reuse existing logic with minimal modification, EPAS and BigAnimal allow you to focus on solving new problems, and advancing your business goals.

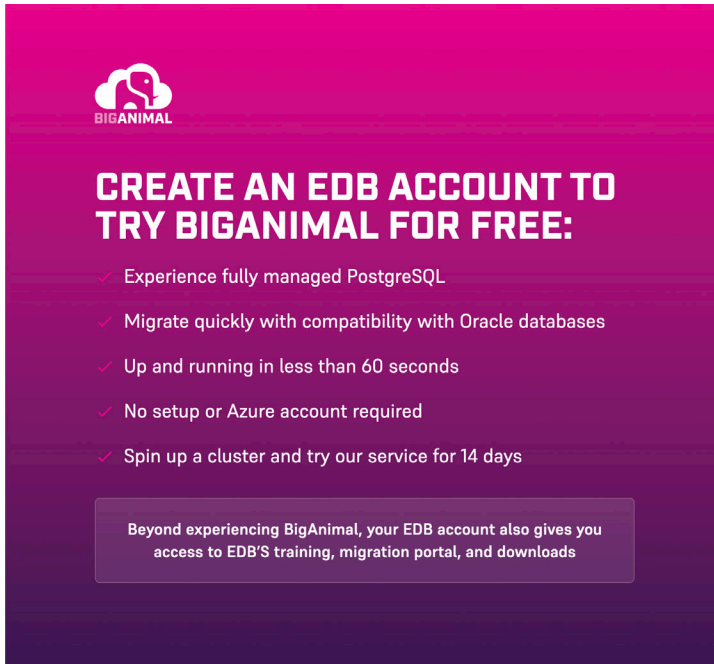
You can try Oracle syntax compatibility by creating an EDB Postgres Advanced Server cluster and following along with [our demonstration](#)—or import your own data and adapt your favorite queries using [our developer documentation](#).

If you want to learn about migrating existing Oracle databases to BigAnimal, check out [our BigAnimal docs](#).

How to get started in five simple steps

1. Create EDB an account

Navigate to EDB's BigAnimal page at www.biganimal.com. Click on "Try it for free" and you'll be taken to a sign-up page where you can create an EDB account to access the free trial.



The screenshot shows a sign-up page for BigAnimal. At the top left is the BigAnimal logo. The main heading is "CREATE AN EDB ACCOUNT TO TRY BIGANIMAL FOR FREE:". Below this is a list of five benefits, each preceded by a checkmark: "Experience fully managed PostgreSQL", "Migrate quickly with compatibility with Oracle databases", "Up and running in less than 60 seconds", "No setup or Azure account required", and "Spin up a cluster and try our service for 14 days". At the bottom, a light purple box contains the text: "Beyond experiencing BigAnimal, your EDB account also gives you access to EDB'S training, migration portal, and downloads".



Create an EDB account to start using BigAnimal Free Trial

First name *	Last name *
<input type="text"/>	<input type="text"/>
Email *	Username *
<input type="text"/>	<input type="text"/>
Phone number *	Company name *
<input type="text"/>	<input type="text"/>
Organization type *	Country *
<input type="text" value="Select"/>	<input type="text" value="Select"/>

I agree to the [Terms and Conditions](#) and the [Privacy Policy](#).

[Sign up](#)

[I already have an EDB account](#)

Follow the instructions to check your email, activate your new account, and then create a password.

Beyond the free trial, your EDB account also gives you access to training, the migration portal, and downloads.

If you already have an existing EDB account, you can sign in and access the free trial from your Dashboard (located under My Account).

2. Create a cluster

Your 14-day trial of BigAnimal starts once you spin up your first cluster.

Hit "Create New Cluster" from the Overview Page.

Or, you can create a cluster on the Clusters page.

[Click here to learn more about creating a cluster.](#)



You'll have immediate access to the activity log during the free trial.



This free trial does not feature the monitoring and logging capabilities of BigAnimal. To try these out, or to use BigAnimal with more than a single user, please reach out to our sales team.

3. Define the cluster's operational and database settings

Decide how you want to set up your cluster. Enter your cluster name and choose a strong password. You have some options of database types, including EDB Advanced Server and Postgres 14.

← Back BigAnimal Docs

Create Cluster

[Cluster Settings](#) [DB Configuration](#) [Availability](#)

All fields required

Cluster Name

Password

Passwords must be at least 12 characters.

ⓘ We do not store your password and cannot retrieve it. If you forget your password, you can simply change it on the "Edit Cluster" page.

Database Type

Please reference [this page](#) for more information on database types.

Postgres Type:

Postgres Version:

Provider

Microsoft Azure

aws

Cluster Summary

Cluster Name	--
Postgres Type	--
Postgres Version	--
Provider	--
Region	--
High Availability	Yes
Instance Type	--
Volume Type	--
Volume Properties	--
Networking	Public

[Support](#)

Configure your cluster's database parameters and then click "Create Cluster".

← Back

Create Cluster

Cluster Settings
DB Configuration
Availability

This section is optional

Parameters

Show only: All

Name	Value
application_name ?	<input style="width: 90%;" type="text"/>
array_nulls ?	<input checked="" type="checkbox"/>
authentication_timeout ?	<input style="width: 90%;" type="text" value="60"/>
autovacuum ?	<input checked="" type="checkbox"/>
autovacuum_analyze_scale_factor ?	<input style="width: 90%;" type="text" value="0.1"/>
autovacuum_analyze_threshold ?	<input style="width: 90%;" type="text" value="50"/>
autovacuum_freeze_max_age ?	<input style="width: 90%;" type="text" value="200000000"/> !
autovacuum_max_workers ?	<input style="width: 90%;" type="text" value="3"/> !
autovacuum_multixact_freeze_max_age ?	<input style="width: 90%;" type="text" value="400000000"/> !

Cluster Summary

Cluster Name	biganimal-user
Postgres Type	PostgreSQL
Postgres Version	14
Provider	Azure
Region	(US) East US 2
High Availability	Yes
Instance Type	E2s v3, 2vCPU, 16GB RAM
Volume Type	Azure Premium Storage
Volume Properties	P1 (4 Gi, 120 Provisioned IOPS, 25 Provisioned MB/s)
Networking	Public

Support

?
NW BigAnimal User
free-trial

- Overview
- Clusters
- Admin
- Activity Log

Home / Clusters
Create New Cluster

Clusters

Active Deleted

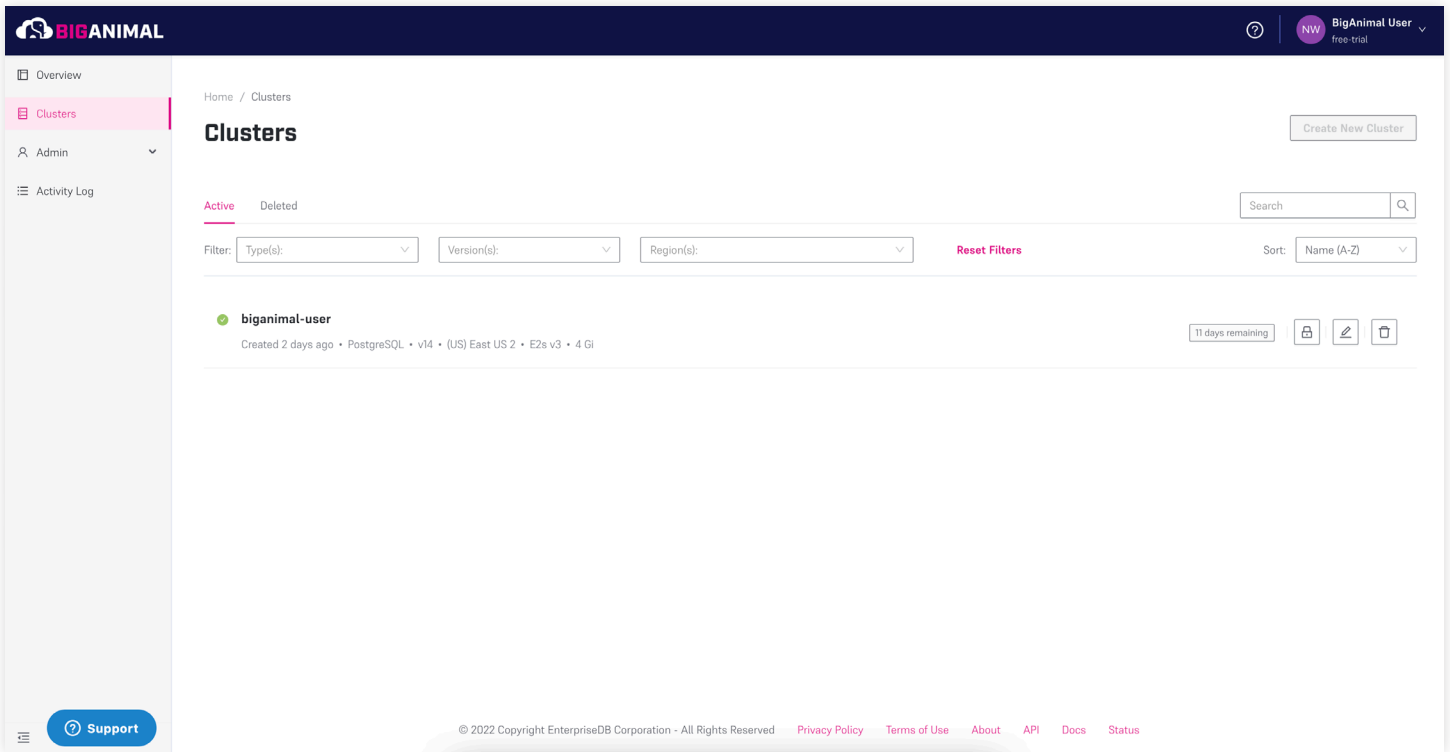
Filter:
 Type(s): v
Version(s): v
Region(s): v
Reset Filters
Sort: Name (A-Z)

biganimal-user
12%

Created less than a minute ago • PostgreSQL • v14 • (US) East US 2 • E2s v3 • 4 Gi

Support

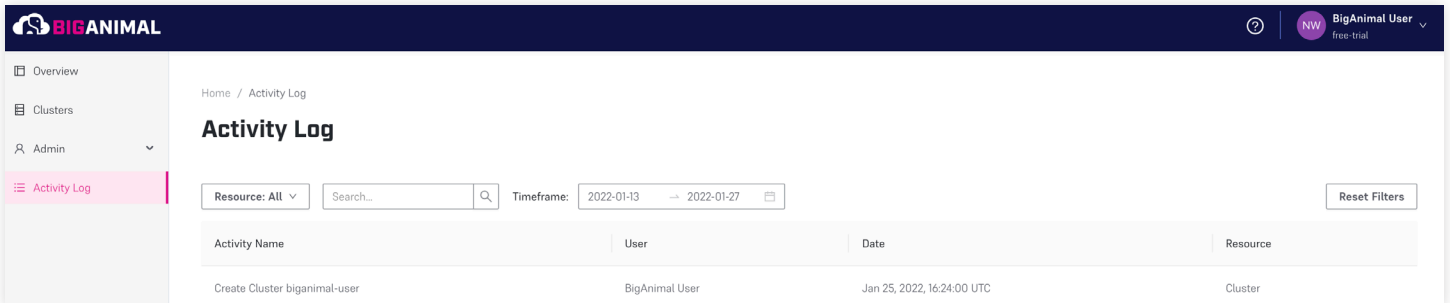
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Wait a few minutes while the cluster is provisioned.

Once it's provisioned, your 14 day trial will begin.

During the 14 days, you can start, stop, delete, and provision a new cluster. The time you have remaining for your trial



will appear next to your cluster. If you need more time to try out BigAnimal, feel free to reach out to our Sales team for assistance.

4. Review the activity log

Once you've completed more activities than creating a cluster, you'll be able to see those on your activities log.

5. Connect your cluster to an application and run some queries.

Congratulations! You've now successfully spun up a cluster in BigAnimal and viewed your activity.

Now, feel free to connect to an application and run some queries. Follow the documentation to [get your cluster connected](#) or try out our demonstration of Oracle compatibility. {LINK to the Oracle compatibility demo from above}

1. Select your cluster to get an overview of how it has been configured. Select the Connect tab to see more information about how to connect to your cluster.
2. Select the Overview tab and copy the Quick Connect command. Paste it into a terminal where psql is installed. It will prompt for your password and put you on a SQL command line.

```
Toggle Wrap Copy

$ psql -W "postgres://edb_admin@[HOST]:5432/edb_admin?
sslmode=require"
Password:
psql (13.5 (Ubuntu 13.5-2.pgdg20.04+1), server 14.2.1 (Debian
14.2.1-1+deb10))
WARNING: psql major version 13, server major version 14.
         Some psql features might not work.
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384,
bits: 256, compression: off)
Type "help" for help.

edb_admin=>
```

Things to try

Create a new database

We're going to create some sample math data, so we're going to create a database called **math**. We could use the default **edb_admin** database, but best practice is to isolate data.

1. Create a new role called **math**.

```
Toggle Wrap Copy

create user math with password 'math_password';
```

2. Grant the **math** role to **edb_admin**.

```
Toggle Wrap Copy

grant math to edb_admin;
```

3. Create a new **math** database.

```
create database math with owner math;
```

Toggle Wrap Copy

4. Connect to the **math** database. You're prompted for the **edb_admin** password you provided in Step 2 above.

```
\connect math
```

Toggle Wrap Copy

Populate a table and query it

We're going to use temporary tables to calculate prime numbers using a [Sieve of Eratosthenes](#).

1. Create a table for storing prime numbers called **primes**.

```
CREATE TABLE primes (  
  num INTEGER,  
  PRIMARY KEY (num)  
);
```

Toggle Wrap Copy

2. Populate the table with all prime numbers up to 1000. (This code is based on [code from David Fetter](#).)

```
Toggle Wrap Copy

-- Based on https://wiki.postgresql.org/wiki/Sieve_of_Eratosthenes

WITH RECURSIVE
t0(m) AS (
  VALUES(1000)
),
t1(n) AS (
  VALUES(2)
UNION ALL
  SELECT n+1 FROM t1 WHERE n < (SELECT m FROM t0)
),
t2 (n, i) AS (
  SELECT 2*n, 2
  FROM t1 WHERE 2*n <= (SELECT m FROM t0)
UNION ALL
  (
    WITH t3(k) AS (
      SELECT max(i) OVER () + 1 FROM t2
    ),
    t4(k) AS (
      SELECT DISTINCT k FROM t3
    )
    SELECT k*n, k
    FROM
      t1
    CROSS JOIN
      t4
    WHERE k*k <= (SELECT m FROM t0)
  )
)
INSERT INTO primes (
  SELECT n FROM t1 EXCEPT
  SELECT n FROM t2
  ORDER BY 1
);
```

3. Select the largest prime number less than 1000.

```
Toggle Wrap Copy

SELECT max(num)
FROM primes
WHERE num < 1000;
```

Beyond the BigAnimal Free Trial

We hope this guide has provided you with the insight you need to take full advantage of your 14-day trial of BigAnimal! With no AWS and Azure setup needed on your end, we want you to actually feel like you've experienced this solution—not make you jump through hoops for a basic test drive.

If you'd like to spend more time with BigAnimal, EDB offers a 30-day free evaluation that you can deploy in your own AWS or Azure account. To set this up, reach out to us via the button below.

BigAnimal is revolutionizing fully-managed Postgres in the cloud. We're excited for you to see it firsthand.

About BigAnimal

It's time to propel your business forward and do more with one of the most important, strategic parts of your workload—the database. Whether migrating off of Oracle databases or building new Postgres applications in the cloud, your data workloads are too important to leave to generalists.

Minimize risk and migrate quickly with BigAnimal's native compatibility for Oracle. Stop wasting valuable time on provisioning, maintenance, back-ups, and worrying about continuous availability. Focus on what matters most for your business and let the world-class Postgres experts at EDB take care of the database, no matter where you deploy.

Contact EDB Sales to learn more





Test Drive: Get Started on BigAnimal-Fast

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