BIG ANIMAL

# 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

EDB

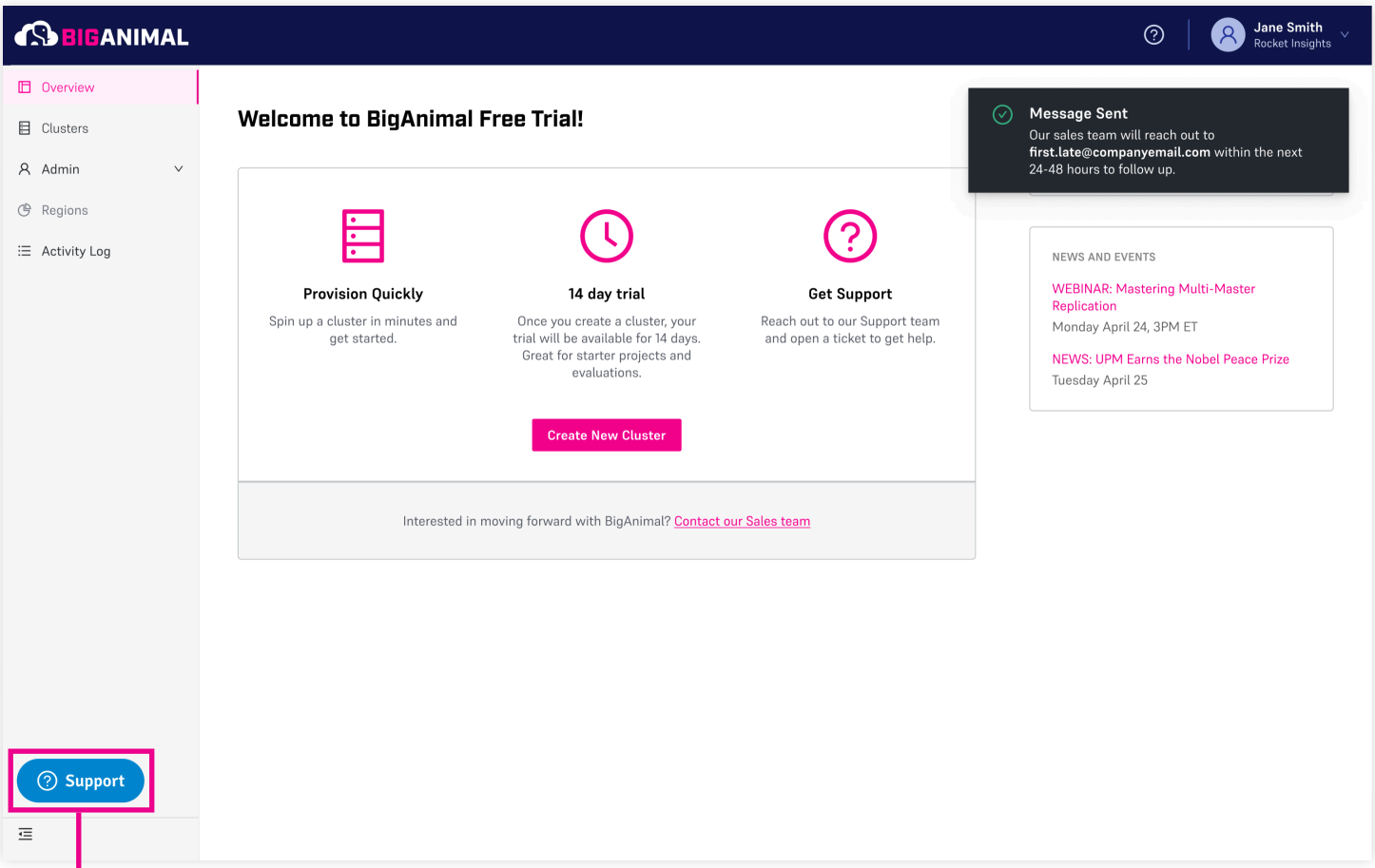
# Welcome to your BigAnimal test drive

*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.*

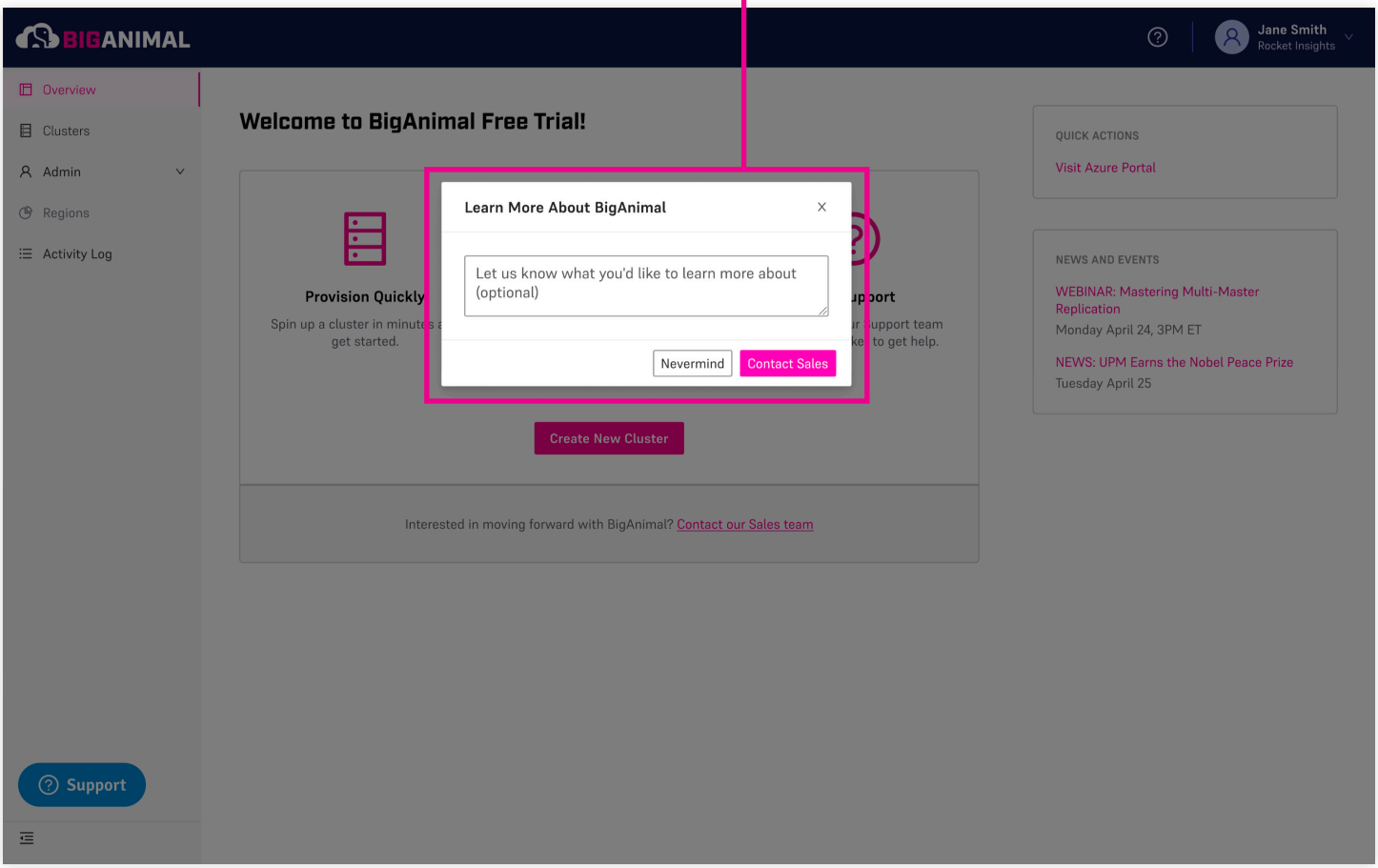



*Note: If you need assistance at any time, you can click the blue Support button to leave the EDB team a message, and we'll reach out to help.*

## 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****.*

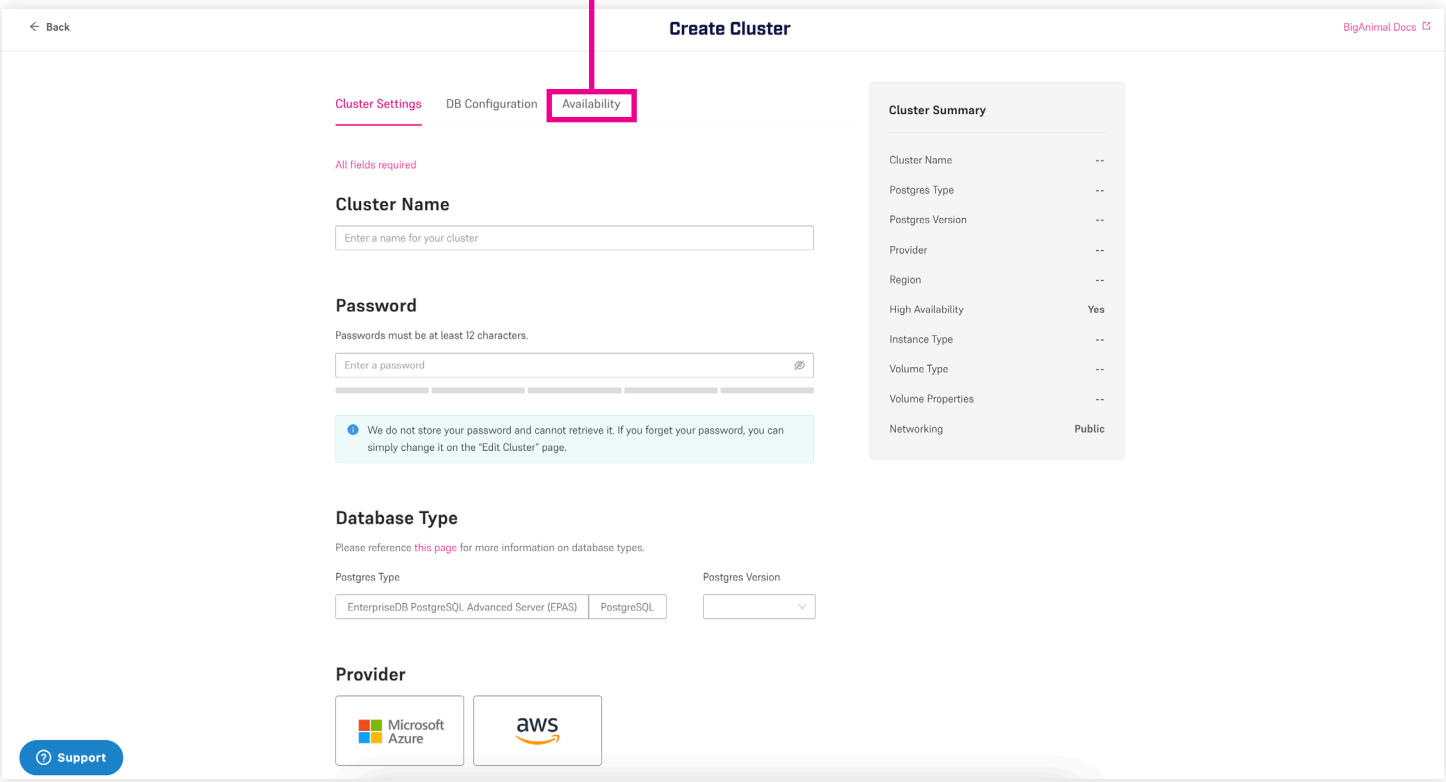



*A full version of BigAnimal is deployed in your own cloud account and gives you a clear view into your database, what is provisioned, and how it's configured. This on-demand free trial is offered in EDB's environment, which gives you the ability to view many, but not all, of the features you'd see in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

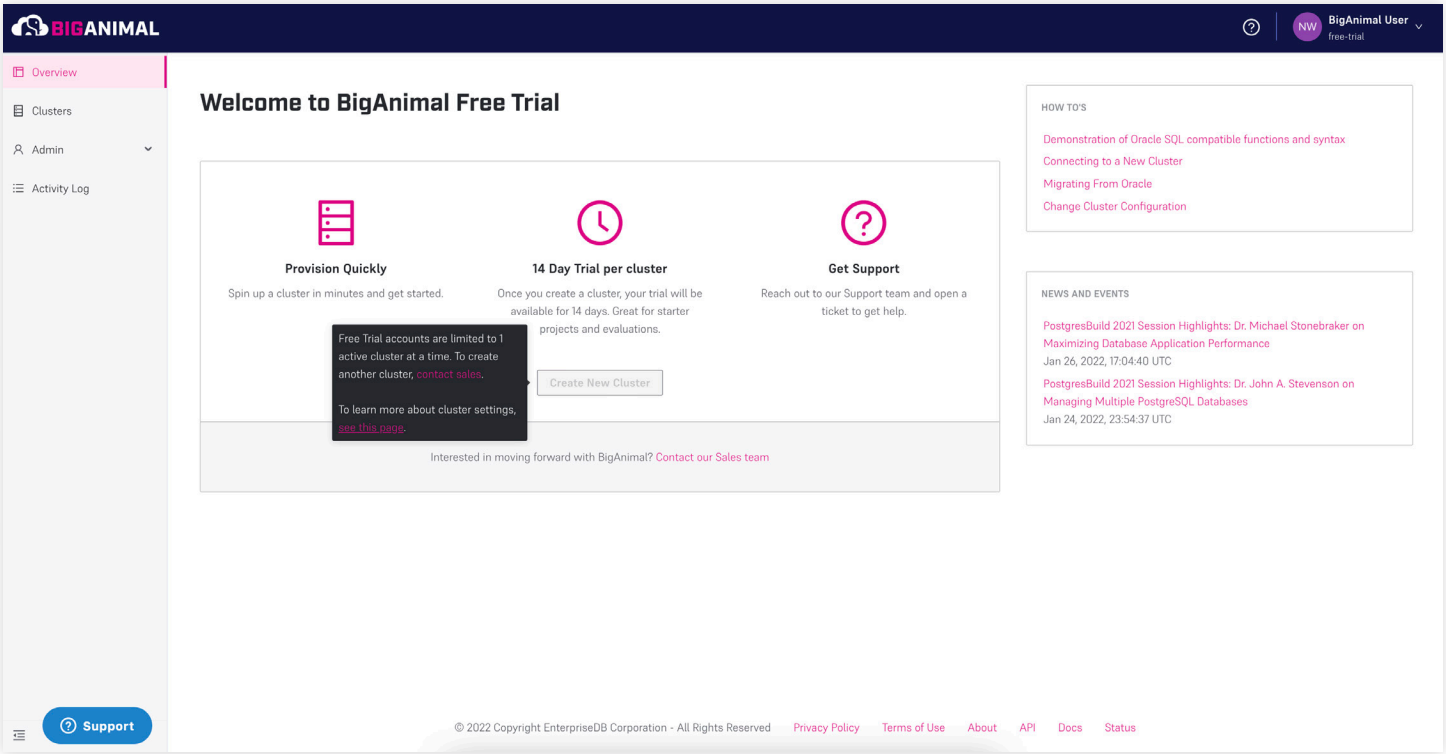
# Orientation to the BigAnimal environment

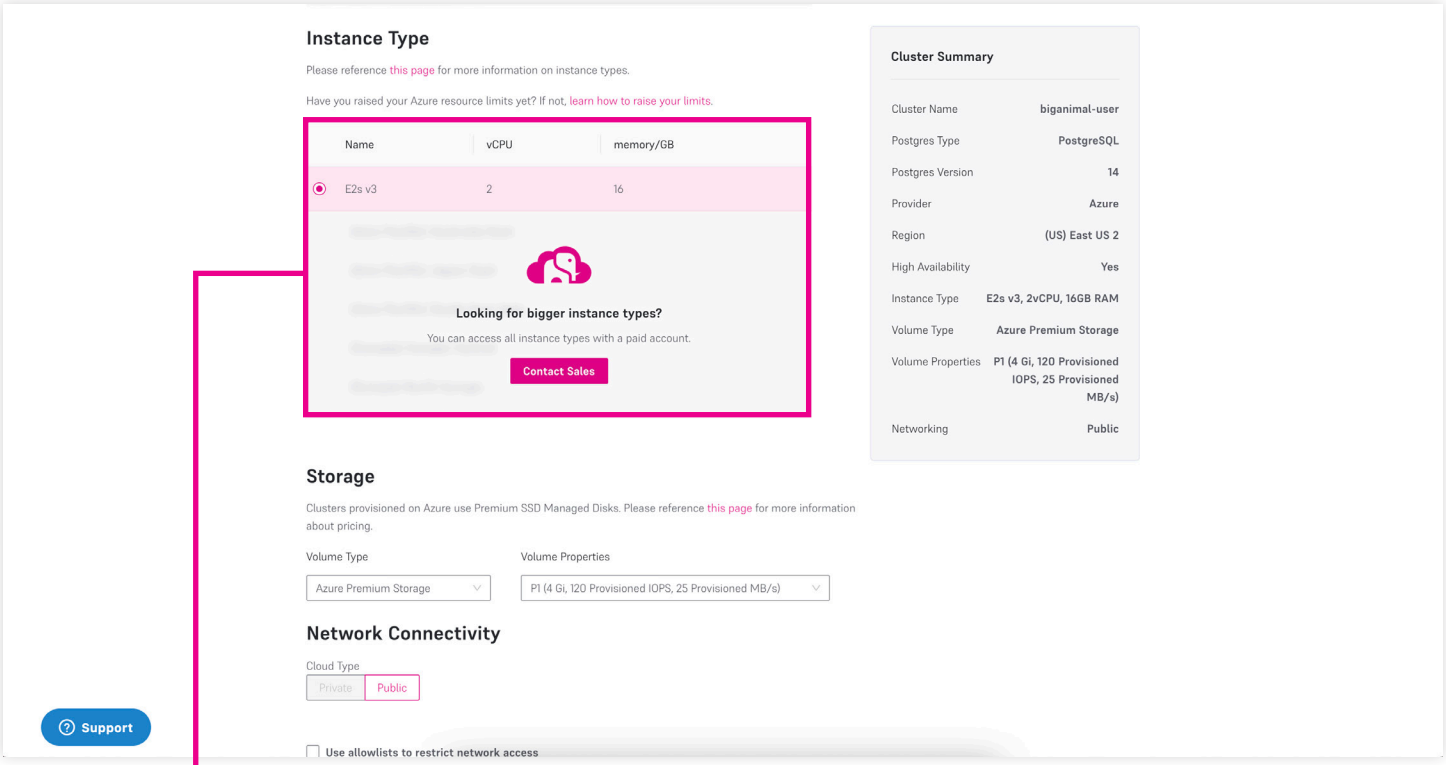
*Once you log in, you'll see a video and introductory information on the Overview page.*

***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.***




***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.***




*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 shows 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.*

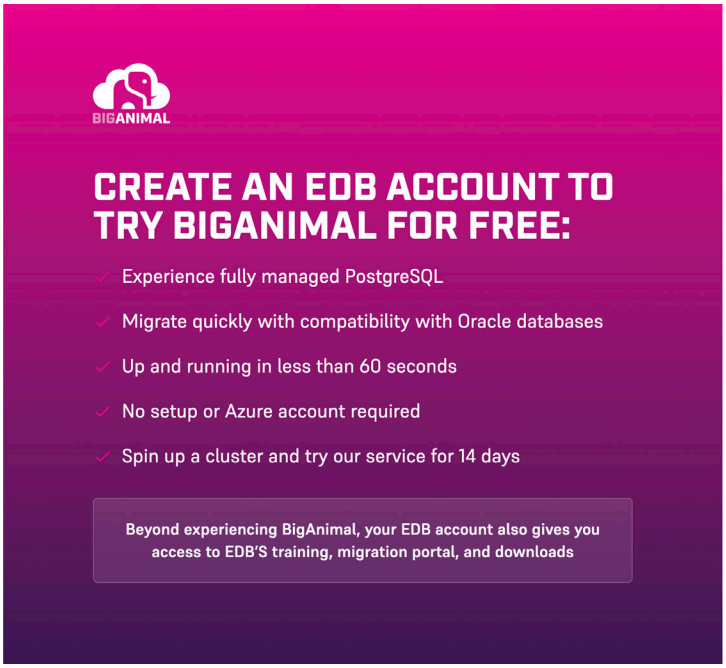
*You can try Oracle syntax compatibility by creating an EDB Postgres Advanced Server cluster and following along with **our demonstration**—or import your own data and adapt your favorite queries using **our developer documentation**.*

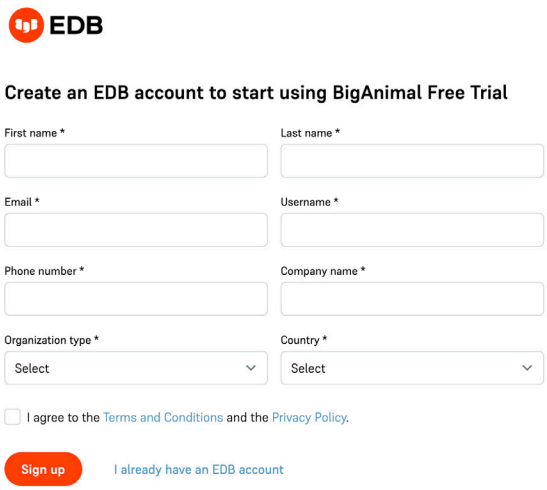
*If you want to learn about migrating existing Oracle databases to BigAnimal, check out **our BigAnimal docs**.*

# 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.*




*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).*

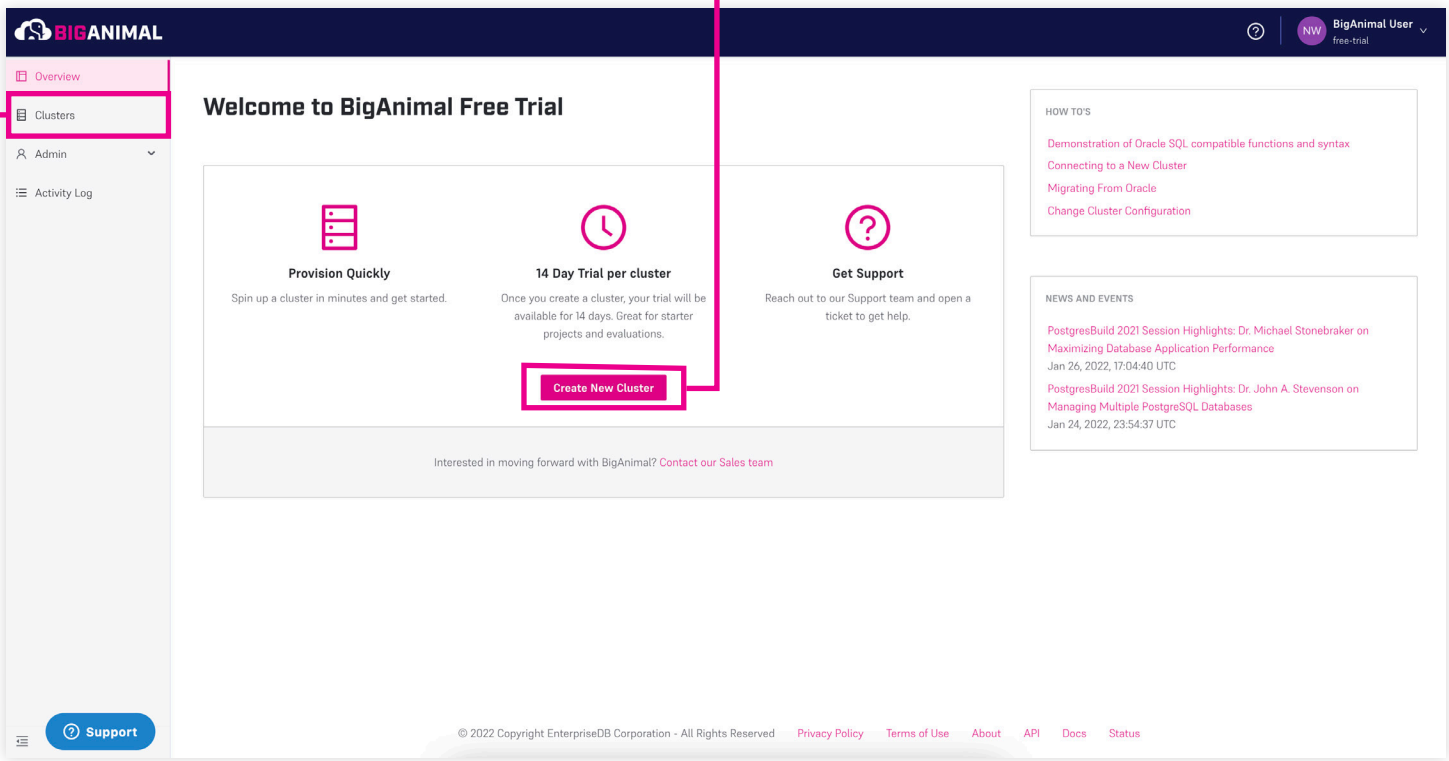
## 2. Create a cluster

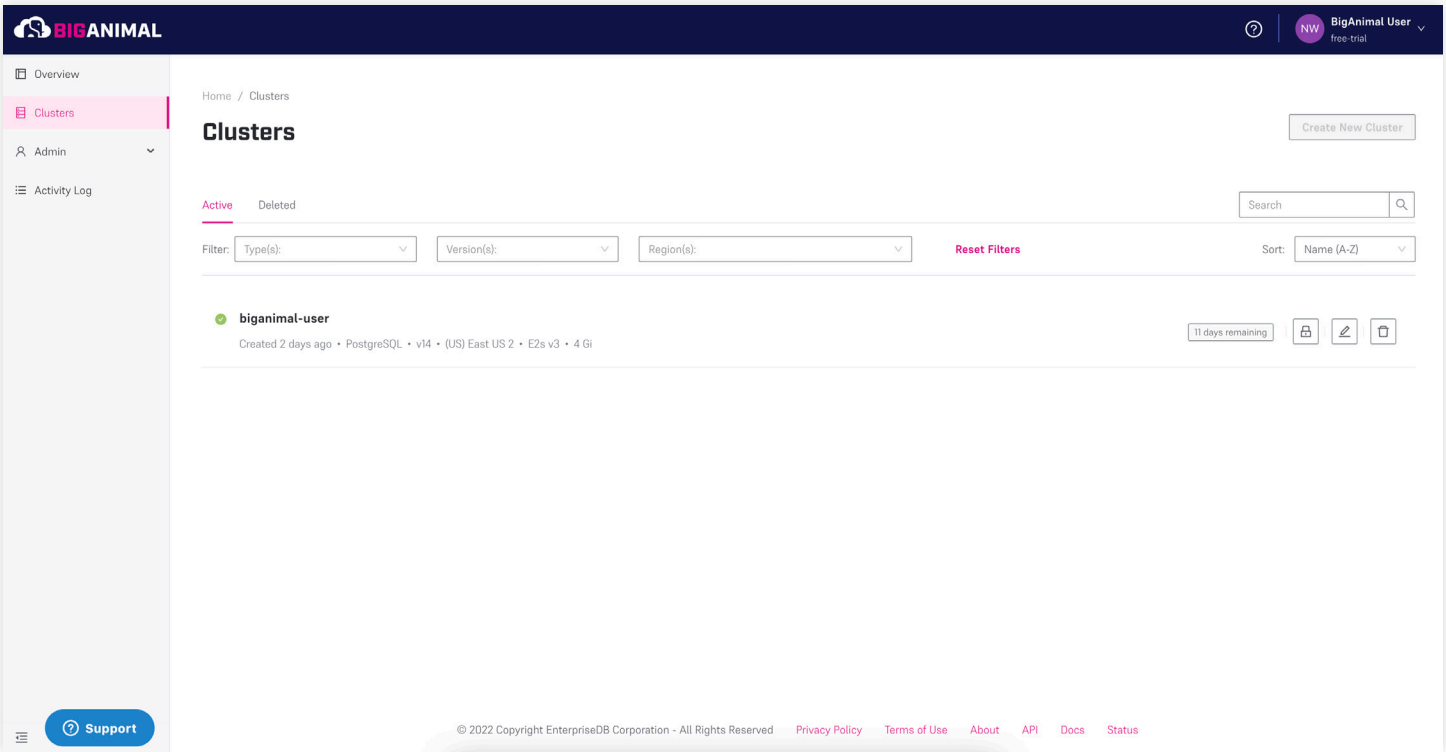
*Your 14-day trial of BigAnimal starts once you spin up your first cluster.*

*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.***



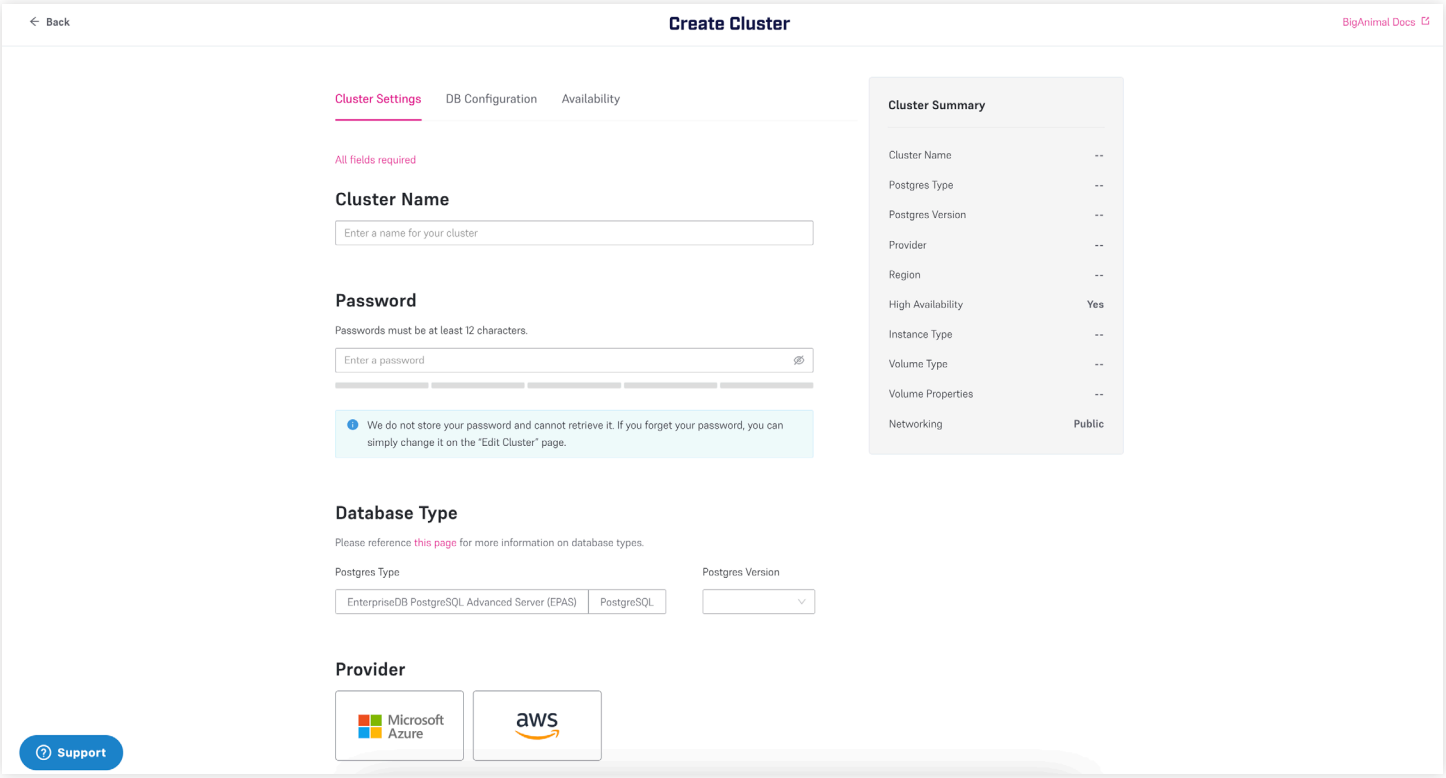



*You'll have immediate access to the activity log during the free trial.*

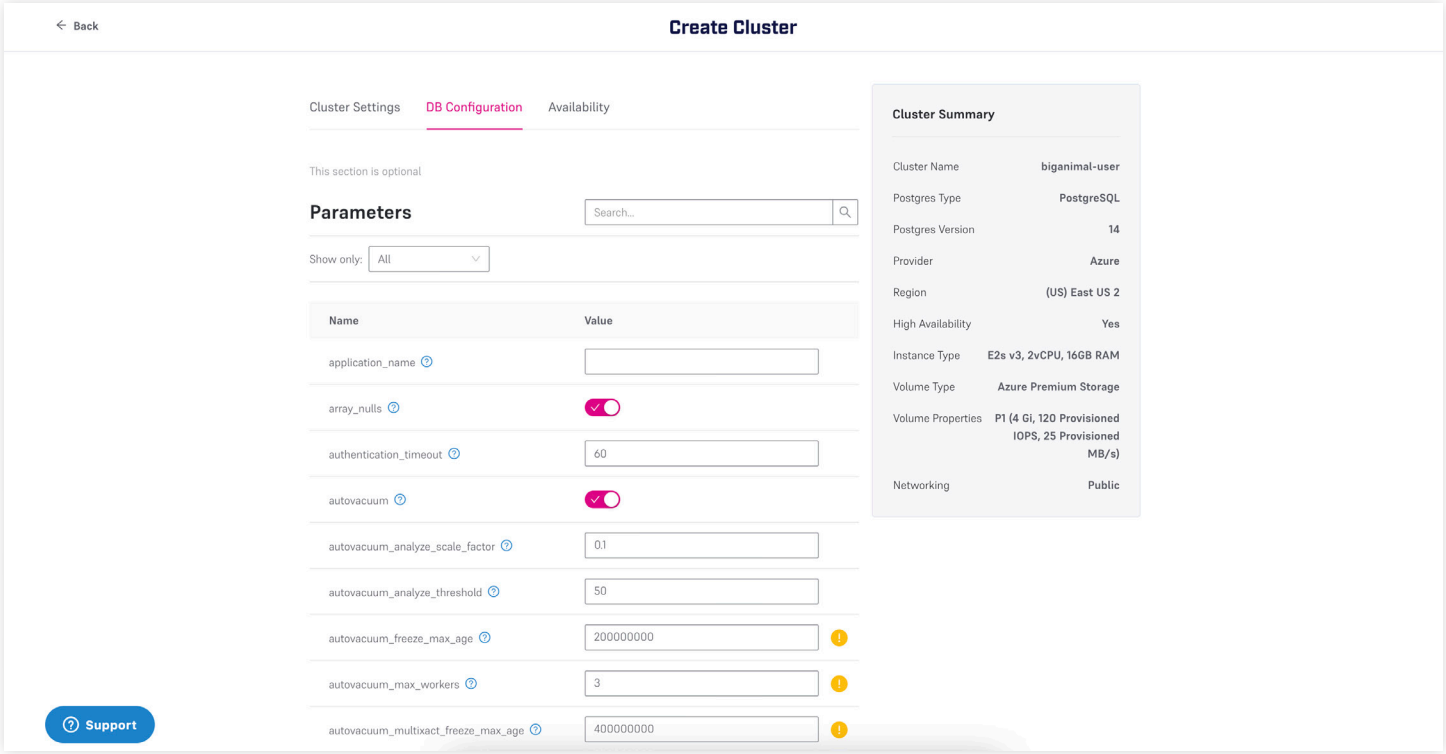
*This free trial does not feature the monitoring and logging capabilities of BigAnimal. To try these out, or to use BigAnimal with more than a single user, please reach out to our sales team.*

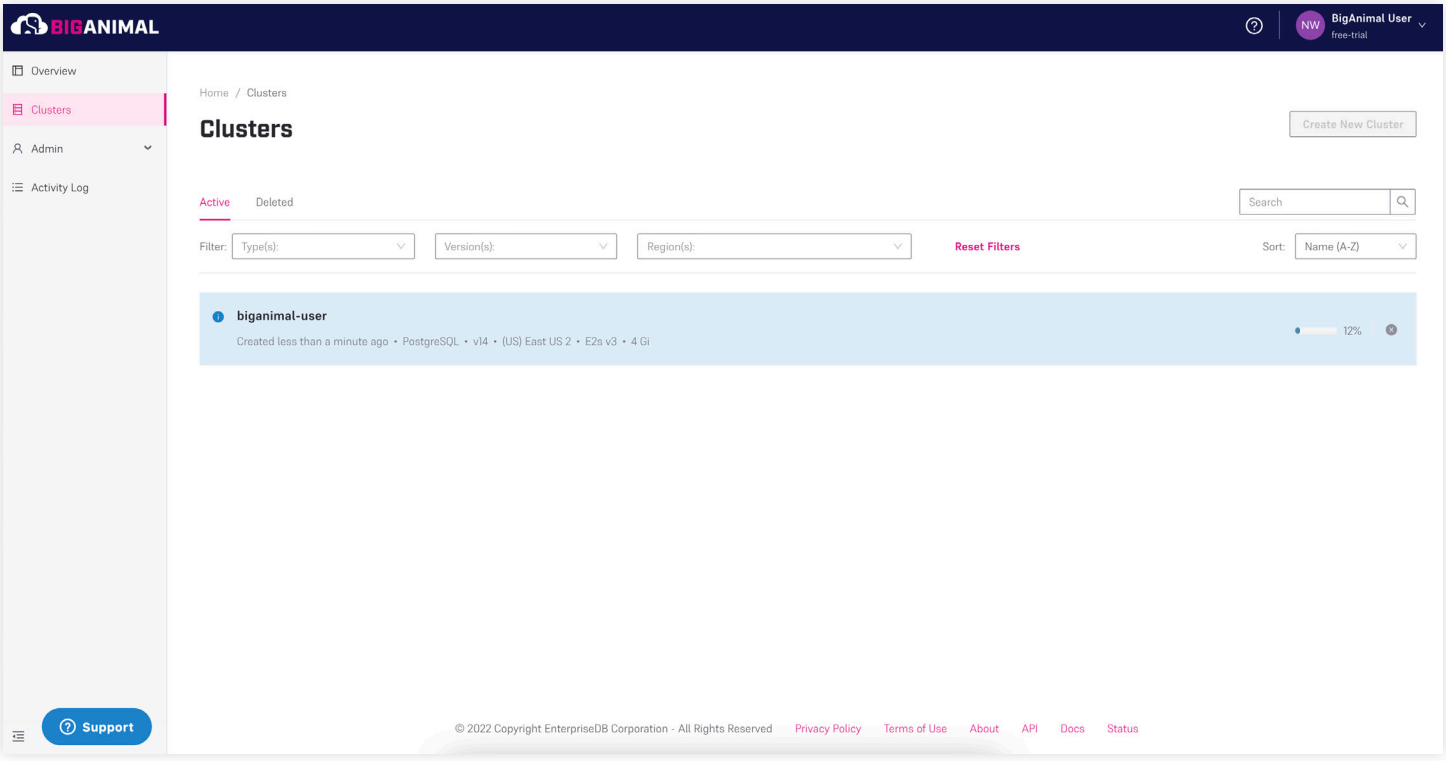
## 3. Define the cluster's operational and database settings

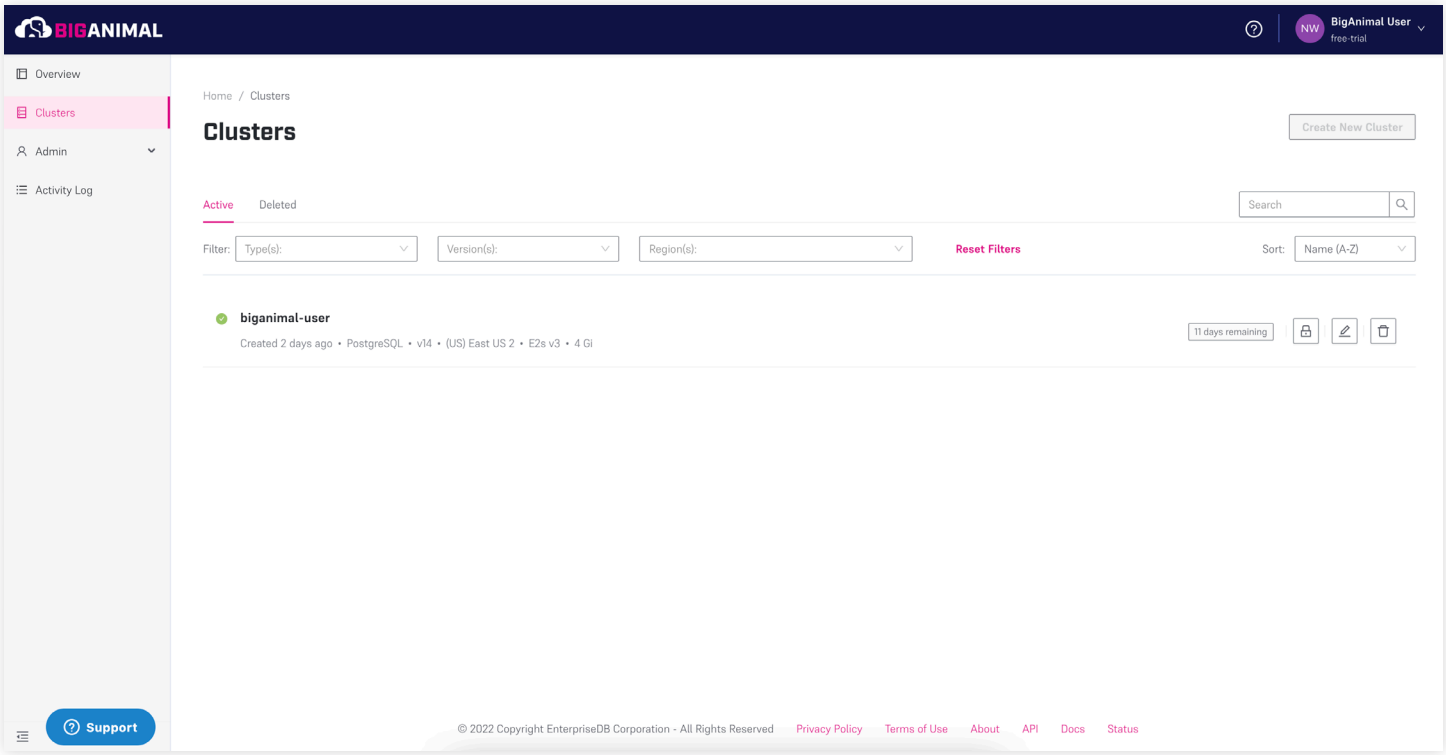
*Decide how you want to set up your cluster. Enter your cluster name and choose a strong password. You have some options of database types, including EDB Advanced Server and Postgres 14.*



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



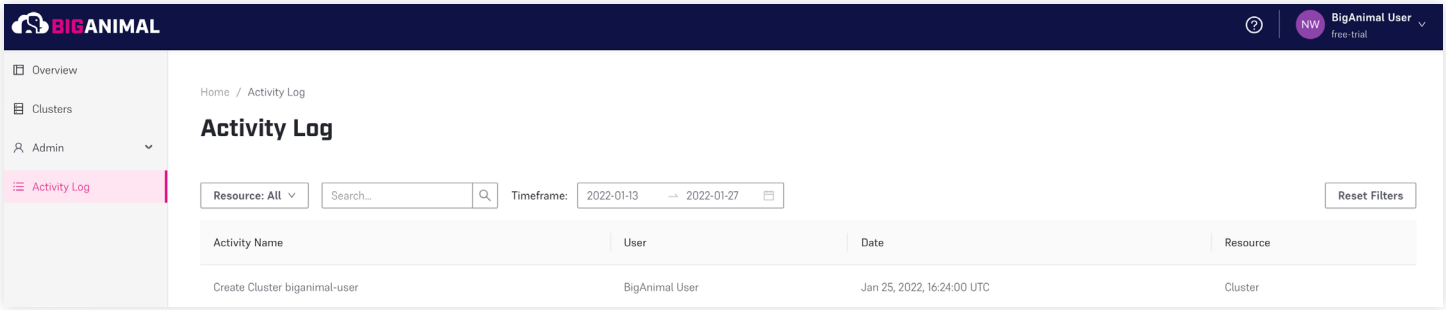






*Wait a few minutes while the cluster is provisioned.*

*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.*

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```
$ 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`*.*

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```
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.*

```
Toggle Wrap  Copy

create database math with owner math;
```

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

```
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\connect math
```

### *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`*.*

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

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

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```
-- 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.*

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```
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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