

**Dashboard**[Details](#)[Groups](#)[Users](#)[Roles](#)[Policies](#)[Identity Providers](#)[Account Settings](#)[Credential Report](#)[Encryption Keys](#)**Welcome to Identity and Access Management**[IAM Resources](#)[Security Status](#)**Feature Spotlight****Additional Information**[IAM documentation](#)[Web Identity Federation Playground](#)[Policy Simulator](#)[Videos, IAM release history and additional resources](#)



## Dashboard

Details

Groups

User<sup>+</sup>

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

**Note**

The Password Policy page has been renamed to Account Settings. Click Account Settings to find your account's password policy and other configuration options.



## Welcome to Identity and Access Management

IAM users sign-in link:

<https://screencast.signin.aws.amazon.com/console>

Customize | Copy Link

## IAM Resources

Users: 0

Roles: 2

Groups: 0

Identity Providers: 0

Customer Managed Policies: 0

## Security Status

3 out of 5 complete.

- Delete your root access keys
- Activate MFA on your root account
- Create individual IAM users
- Use groups to assign permissions
- Apply an IAM password policy

## Feature Spotlight



## Additional Information

[IAM documentation](#)[Web Identity Federation Playground](#)[Policy Simulator](#)[Videos, IAM release history and additional resources](#)

Feedback

Feedback



Dashboard

Details

Groups

**Users**

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

Create New Users

User Actions ▾

Search

Showing 0 results

<input type="checkbox"/>	User Name ▾	Groups	Password	Password Last Used ▾	Access Keys	Creation Time ▾
--------------------------	-------------	--------	----------	----------------------	-------------	-----------------

No records found.

## Create User

<b>Enter User Names:</b>
1. <input type="text" value="demoUser"/>
2. <input type="text"/>
3. <input type="text"/>
4. <input type="text"/>
5. <input type="text"/>

Maximum 64 characters each

1

Generate an access key for each user

Users need access keys to make secure REST or Query protocol requests to AWS service APIs.

For users who need access to the AWS Management Console, create a password in the Users panel after completing this wizard.

[Cancel](#) [Create](#)



AWS

Services

Edit

Screencast

Global

Support

Create User

## Enter User Names:

1.  (highlighted)

2.

3.

4.

5.

Maximum 64 characters each

 Generate an access key for each user

Users need access keys to make secure REST or Query protocol requests to AWS service APIs.

For users who need access to the AWS Management Console, create a password in the Users panel after completing this wizard.

Cancel

Create



1:30 / 7:15



## Create User

Your 1 User(s) have been created successfully.

This is the last time these User security credentials will be available for download.

You can manage and recreate these credentials any time.

#### ► Show User Security Credentials

[Close](#) [Download Credentials](#)



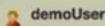
## Create User

Your 1 User(s) have been created successfully.

This is the last time these User security credentials will be available for download.

You can manage and recreate these credentials any time.

▼ Hide User Security Credentials



demoUser

Access Key ID: AKIAJXQL66WEEYCPDAWA

Secret Access Key: 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

Close Download Credentials

```
bash-3.2$ cd node-project/
```

```
bash-3.2$ eb init
```

Select a default region

- 1) us-east-1 : US East (N. Virginia)
  - 2) us-west-1 : US West (N. California)
  - 3) us-west-2 : US West (Oregon)
  - 4) eu-west-1 : EU (Ireland)
  - 5) eu-central-1 : EU (Frankfurt)
  - 6) ap-southeast-1 : Asia Pacific (Singapore)
  - 7) ap-southeast-2 : Asia Pacific (Sydney)
  - 8) ap-northeast-1 : Asia Pacific (Tokyo)
  - 9) sa-east-1 : South America (Sao Paulo)
- (default is 3): █

```
bash-3.2$ cd node-project/  
bash-3.2$ eb init
```



### Select a default region

- 1) us-east-1 : US East (N. Virginia)
  - 2) us-west-1 : US West (N. California)
  - 3) us-west-2 : US West (Oregon)
  - 4) eu-west-1 : EU (Ireland)
  - 5) eu-central-1 : EU (Frankfurt)
  - 6) ap-southeast-1 : Asia Pacific (Singapore)
  - 7) ap-southeast-2 : Asia Pacific (Sydney)
  - 8) ap-northeast-1 : Asia Pacific (Tokyo)
  - 9) sa-east-1 : South America (Sao Paulo)
- (default is 3): █

```
bash-3.2$ cd node-project/
```

```
bash-3.2$ eb init
```

Select a default region

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  - 2) us-west-1 : US West (N. California)
  - 3) us-west-2 : US West (Oregon)
  - 4) eu-west-1 : EU (Ireland)
  - 5) eu-central-1 : EU (Frankfurt)
  - 6) ap-southeast-1 : Asia Pacific (Singapore)
  - 7) ap-southeast-2 : Asia Pacific (Sydney)
  - 8) ap-northeast-1 : Asia Pacific (Tokyo)
  - 9) sa-east-1 : South America (Sao Paulo)
- (default is 3):



You have not yet set up your credentials or your credentials are incorrect  
You must provide your credentials.

(aws-access-id): AKIAJXQL66WEEYCPDAWA

(aws-secret-key): OjI5xGnEDNs/KWY/oIzRA/MXUQn1+FtqcRmsnF2Y



Services

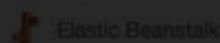
Resource Groups



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Support



Create New Application

## Create New Application

Application Name 

Maximum length of 100 characters, not including forward slash (/).

Description 

Maximum length of 200 characters.

Creating application...

Cancel

Create

Get started

## Beanstalk

Deploy, monitor, and scale an application quickly and easily across multiple environments in your business.

Deploy your application source bundle and then let Elastic Beanstalk automatically handle the deployment. If you prefer to use your own deployment command or tool, you can still do so by choosing a name, selecting a platform, and then configuring the application.

Choose a name, select a platform, and then configure your application.

Learn how to use the Elastic Beanstalk console to administer your applications on behalf of your users. Learn more

Get Started in Three Easy Steps





Services ▾

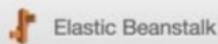
Resource Groups ▾



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Support ▾



multi-docker ▾

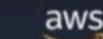
Create New Application

All Applications &gt; multi-docker

Actions ▾

## Environments

Application  
versionsSaved  
configurationsNo environments currently exist for this application. [Create one now.](#)



Services

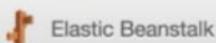
Resource Groups



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Support



multi-docker

Create New Application



## Select environment tier

AWS Elastic Beanstalk has two types of environment tiers to support different types of web applications. Web servers are standard applications that listen for and then process HTTP requests, typically over port 80. Workers are specialized applications that have a background processing task that listens for messages on an Amazon SQS queue. Worker applications post those messages to your application by using HTTP.

### Web server environment

Run a website, web application, or web API that serves HTTP requests.

[Learn more](#)

### Worker environment

Run a worker application that processes long-running workloads on demand or performs tasks on a schedule.

[Learn more](#)[Cancel](#)[Select](#)

Domain

Leave blank for autogenerated value

.us-west-1.elasticbeanstalk.com

Check availability

Description

## Base configuration

Platform  Preconfigured platform

Platforms published and maintained by AWS Elastic Beanstalk.

Multi-container Docker

 Custom platformPlatforms created and owned by you. [Learn more](#)

-- Choose a custom platform --

Application code  Sample application

Get started right away with sample code.

 Existing version

Application versions that you have uploaded for multi-docker.

-- Choose a version --

 Upload your code

Upload a source bundle from your computer or copy one from Amazon S3.

Transcript

Browse Q&amp;A

Add Bookmark

Continue



**Environment name**

MultiDocker-env

**Domain**

Leave blank for autogenerated value

.us-west-1.elasticbeanstalk.com

[Check availability](#)**Description**

## Base configuration

**Platform** Preconfigured platform

Platforms published and maintained by AWS Elastic Beanstalk.

[-- Choose a platform --](#) Custom platformPlatforms created and owned by you. [Learn more](#)[-- Choose a custom platform --](#)**Application code** Sample application

Get started right away with sample code.

 Existing version

Application versions that you have uploaded for multi-docker.





Services

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Support



Elastic Beanstalk

multi-docker

Create New Application

All Applications &gt; multi-docker &gt; MultiDocker-env (Environment ID: e-zzmay5g8if)

Actions



## Creating MultiDocker-env

This will take a few minutes...

10:24am createEnvironment is starting.

## Learn More

[Get started using Elastic Beanstalk](#)[Modify the code](#)[Create and connect to a database](#)[Add a custom domain](#)

## Featured

[Create your own custom platform](#)

## Command Line Interface (v3)

[Installing the AWS EB CLI](#)[EB CLI Command Reference](#)

Feedback

English (US)

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1x



2:19 / 3:30

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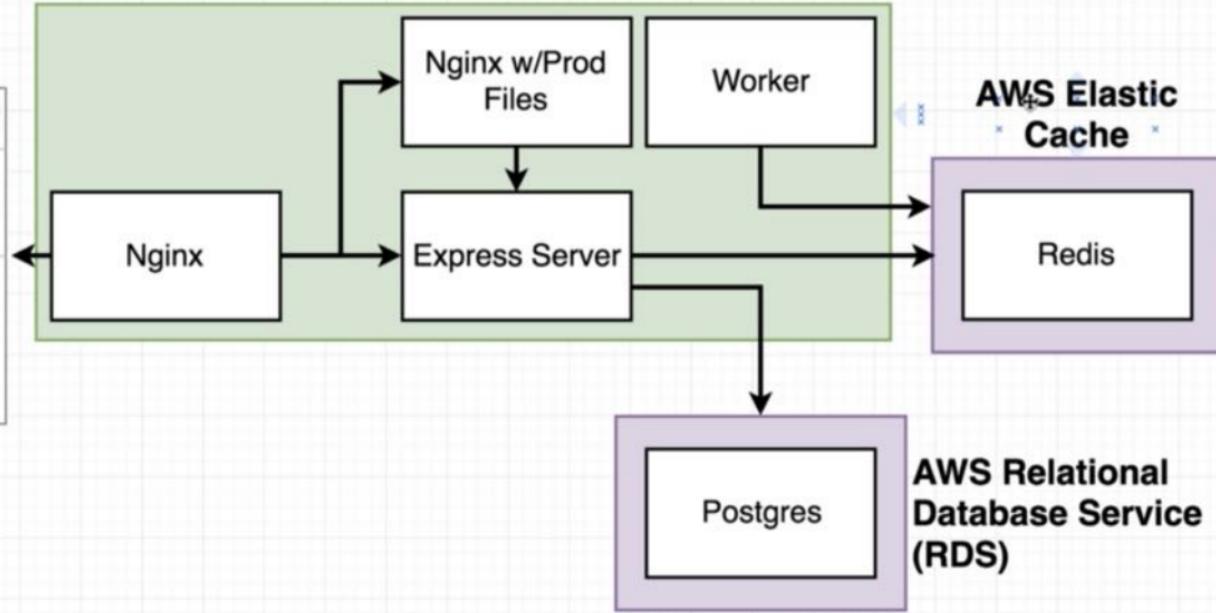
Add Bookmark

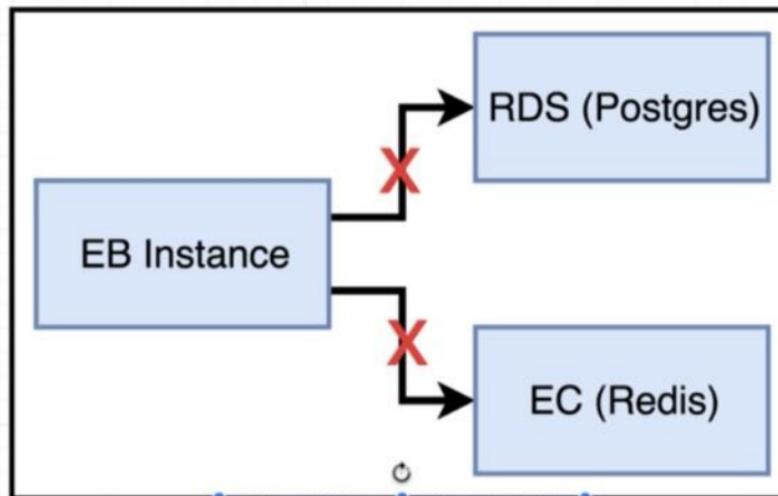
Continue



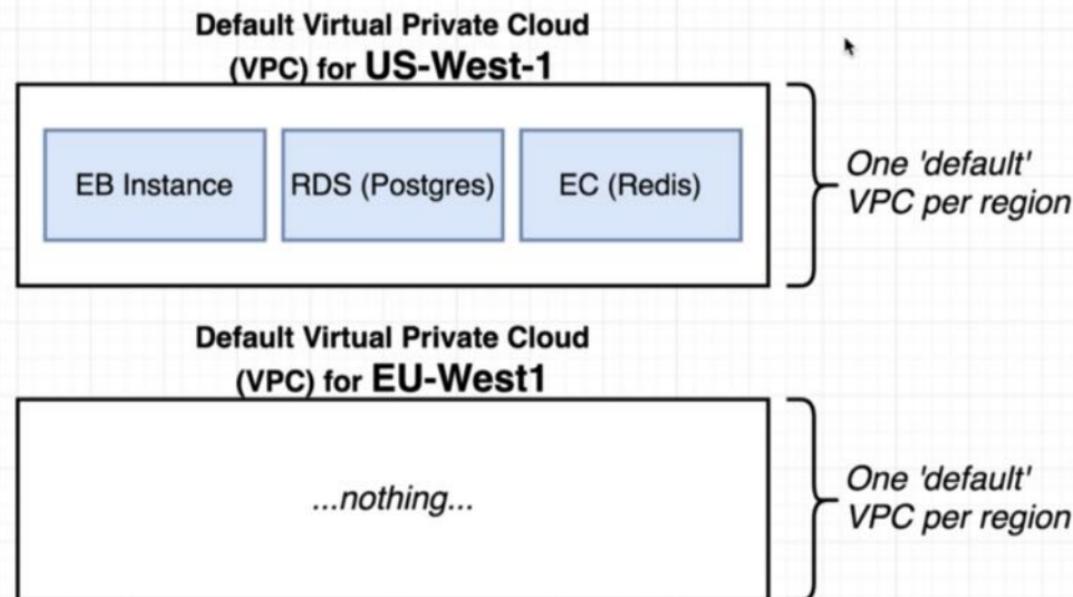
**Production**

## Elastic Beanstalk Instance





*By default these  
services can't talk to  
each other*





Services

Resource Groups

## VPC Dashboard

Filter by VPC:

 Select a VPC

## Virtual Private Cloud

## Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Create VPC

Actions

Search VPCs and their proper X

&lt;&lt; 1 to 1 of 1 VPC &gt;&gt;

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP options set	Route t
	vpc-03309066	available	172.31.0.0/16		dopt-944ba6f1	rtb-893e

Select a VPC above





Services

Resource Groups



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Support



## VPC Dashboard

Filter by VPC:

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DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Create VPC

Actions

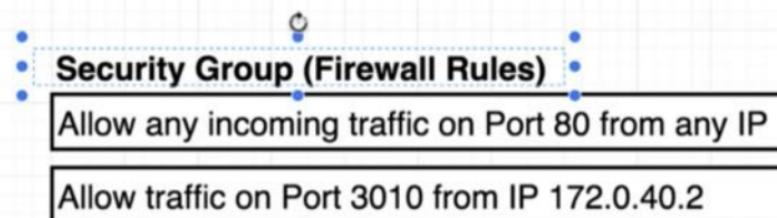
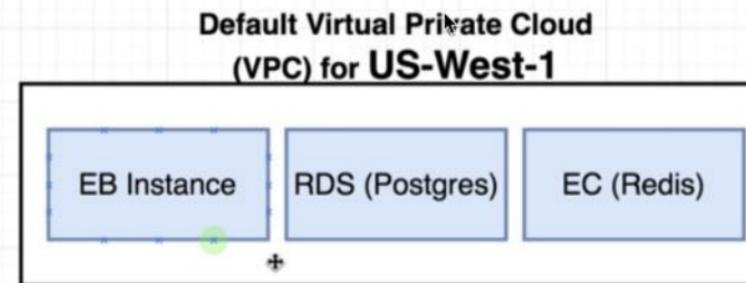
Search VPCs and their proper X

&lt; 1 to 1 of 1 VPC &gt;

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP options set	Route table	Network ACL	Tenancy
	vpc-043f6e6d	available	172.31.0.0/16		dopt-67207e0e	rtb-08d6f061	acl-13dc877a	Default

Select a VPC above







Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Search Security Groups and t X

&lt;&lt; 1 to 2 of 2 Security Groups &gt;&gt;

Name tag	Group ID	Group Name	VPC	Description
MultiDocker-env	sg-0c7ede7102fa12bfa	awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G74O9WQL4Z	vpc-03309066	SecurityGroup for ElasticBeanstalk environment.
	sg-ad1a78c8	default	vpc-03309066	default VPC security group

sg-0c7ede7102fa12bfa | MultiDocker-env



Summary

Inbound Rules

Outbound Rules

Tags

Group name: awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G74O9WQL4Z  
Group ID: sg-0c7ede7102fa12bfa | MultiDocker-env

VPC: vpc-03309066

Group description: SecurityGroup for ElasticBeanstalk environment.

Feedback

English (US)

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2x

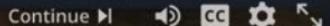


6:42 / 9:21

Transcript

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Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Search Security Groups and t

&lt;&lt; 1 to 2 of 2 Security Groups &gt;&gt;

	Name tag	Group ID	Group Name	VPC	Description
<input checked="" type="checkbox"/>	MultiDocker-env	sg-0c7ede7102fa12bfa	awseb-e-zzmay5g8if...	vpc-03309066	SecurityGroup for ElasticBeanstalk envir...
<input type="checkbox"/>		sg-ad1a78c8	default	vpc-03309066	default VPC security group

sg-0c7ede7102fa12bfa | MultiDocker-env



Summary

Inbound Rules

Outbound Rules

Tags

Edit

Type	Protocol	Port Range	Source	Description
HTTP (80)	TCP (6)	80	0.0.0.0/0	

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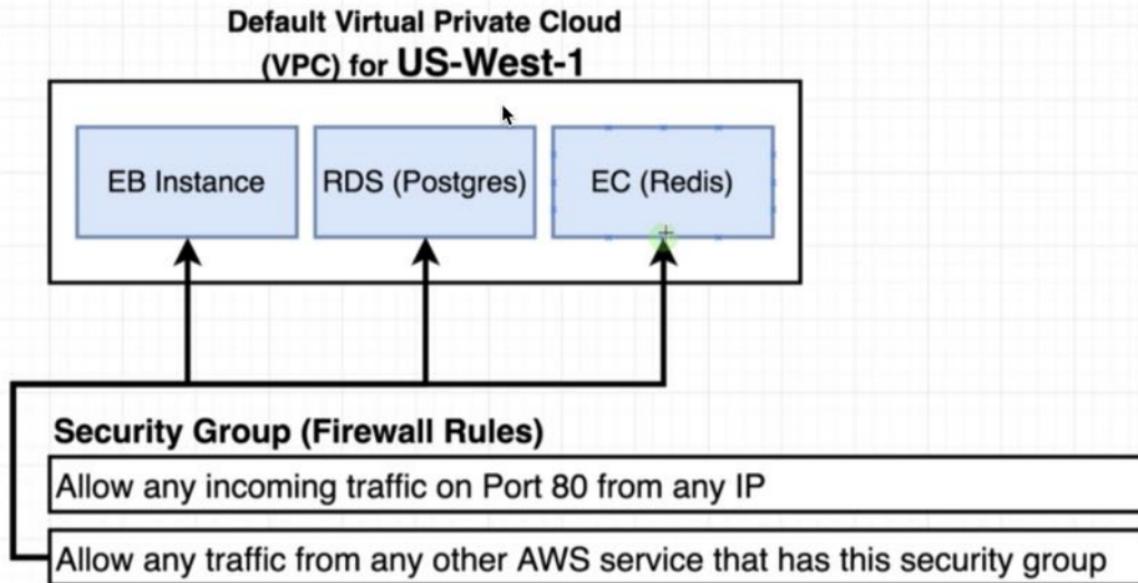
6:55 / 9:21

Transcript

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Services

Resource Groups



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Support

## Amazon RDS



### Dashboard

Instances

Clusters

Performance Insights

Snapshots

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations

Reserved instances (0/40)

Snapshots (18)

Manual (0/100)

Automated (0)

Recent events (0)

Event subscriptions (0/20)

Default (0)

Custom (0/20)

Subnet groups (0/50)

Supported platforms VPC

Default network vpc-03309066

Data import guide for SQL Server

New RDS feature announcements

Pricing

Forums

### Create database

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale a relational database in the cloud.

[Restore from S3](#)[Create database](#)

Note: your DB instances will launch in the US West (N. California) region

### Service health

[View service health dashboard](#)

Current status

Details

### Database Preview Environment

Get early access to new DB engine versions, before they're generally available. The RDS database preview environment lets you work with upcoming beta, release candidate, and early production versions of PostgreSQL engines. Preview environment instances are fully functional, so you can easily test new features and functionality with your applications. [Info](#)

[Preview PostgreSQL in US EAST](#)[Feedback](#)

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2x C 0:52 / 6:31

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Resource Groups ▾



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Support ▾



Step 3

Specify DB details

Step 4

Configure advanced settings

## Engine options

 Amazon Aurora**Amazon  
Aurora** MySQL MariaDB PostgreSQL Oracle**ORACLE®** Microsoft SQL Server

PostgreSQL



Services ▾

Resource Groups ▾



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Support ▾

 Oracle Microsoft SQL Server

## PostgreSQL

PostgreSQL is a powerful, open-source object-relational database system with a strong reputation of reliability, stability, and correctness.

- High reliability and stability in a variety of workloads.
- Advanced features to perform in high-volume environments.
- Vibrant open-source community that releases new features multiple times per year.
- Supports multiple extensions that add even more functionality to the database.
- The most Oracle-compatible open-source database.

Only enable options eligible for RDS Free Usage Tier [Info](#)

Cancel

Next





Services

Resource Groups



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Step 1

Select engine

Step 2

Specify DB details

Step 3

Configure advanced settings

RDS &gt; Create database

## Specify DB details

### Instance specifications

Estimate your monthly costs for the DB Instance using the [AWS Simple Monthly Calculator](#)

DB engine

PostgreSQL

License model [Info](#)

postgresql-license

DB engine version [Info](#)

PostgreSQL 9.6.6-R1

**Free tier**

The Amazon RDS Free Tier provides a single db.t2.micro instance as well as up to 20 GiB of storage, allowing new AWS customers to gain hands-on experience with Amazon RDS. Learn more about the RDS Free Tier and the instance restrictions [here](#).

```
17     context: ./server
18
19     volumes:
20         - /app/node_modules
21         - ./server:/app
22
23     environment:
24         - REDIS_HOST=redis
25         - REDIS_PORT=6379
26         - PGUSER=postgres
27         - PGHOST=postgres
28         - PGDATABASE=postgres
29         - PGPASSWORD=postgres_password
30         - PGPORT=5432
31
32     client:
33
34     build:
35         dockerfile: Dockerfile.dev
36         context: ./client
37
38     volumes:
```

```
OPEN EDITORS
  docker-compose.y...
COMPLEX
  client
  nginx
  server
  worker
! .travis.yml
  docker-compose.yml
  Dockerrun.aws.json

13      - 3050:80
14
15     api:
16       build:
17         dockerfile: Dockerfile.dev
18         context: ./server
19       volumes:
20         - /app/node_modules
21         - ./server:/app
22       environment:
23         - REDIS_HOST=redis
24         - REDIS_PORT=6379
25         - PGUSER=postgres
26         - PGHOST=postgres
27         - PGDATABASE=postgres
28         - PGPASSWORD=postgres_password
29         - PGPORT=5432
30       client:
31         build:
```



Services

Resource Groups



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## Settings

### DB instance identifier Info

Specify a name that is unique for all DB instances owned by your AWS account in the current region.

DB instance identifier is case insensitive, but stored as all lower-case, as in "mydbinstance". Must contain from 1 to 63 alphanumeric characters or hyphens (1 to 15 for SQL Server). First character must be a letter. Cannot end with a hyphen or contain two consecutive hyphens.

### Master username Info

Specify an alphanumeric string that defines the login ID for the master user.

Master Username must start with a letter. Must contain 1 to 63 alphanumeric characters.

### Master password Info

### Confirm password Info

Master Password must be at least eight characters long, as in "mypassword". Can be any printable ASCII character except "/", "", or "@".

[Cancel](#)[Previous](#)[Next](#)

```
1 username: postgres  
2 password: postgrespassword
```





Services

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Only VPCs with a corresponding DB subnet group are listed.

Subnet group [Info](#)

DB subnet group that defines which subnets and IP ranges the DB instance can use in the VPC you selected.

default

Public accessibility [Info](#) Yes

EC2 instances and devices outside of the VPC hosting the DB instance will connect to the DB instances. You must also select one or more VPC security groups that specify which EC2 instances and devices can connect to the DB instance.

 No

DB instance will not have a public IP address assigned. No EC2 instance or devices outside of the VPC will be able to connect.

Availability zone [Info](#)

No preference



## VPC security groups

Security groups have rules authorizing connections from all the EC2 instances and devices that need to access the DB instance.

 Create new VPC security group Choose existing VPC security groups

## Database options



```
16 dockerfile: Dockerfile.dev
17 context: ./server
18 volumes:
19   - /app/node_modules
20   - ./server:/app
21 environment:
22   - REDIS_HOST=redis
23   - REDIS_PORT=6379
24   - PGUSER=postgres
25   - PGHOST=postgres
26   - PGDATABASE=postgres
27   - PGPASSWORD=postgres_password
28   - PGPORT=5432
29 client:
30   build:
31     dockerfile: Dockerfile.dev
32     context: ./client
```



Services

Resource Groups



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## Database options

**Database name**

fibvalues

If you do not specify a database name, Amazon RDS does not create a database.

**Database port**

TCP/IP port the DB instance will use for application connections.

5432

**DB parameter group** [Info](#)

default.postgres9.6

**Option group** [Info](#)

default:postgres-9-6

## Encryption

**Encryption**

```
1 username: postgres  
2 password: postgrespassword  
3 database: fibvalues
```



Services

Resource Groups



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Support

## Enhanced monitoring

- 
- Enable enhanced monitoring

Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.

- 
- Disable enhanced monitoring

## Maintenance

Auto minor version upgrade [Info](#)

- 
- Enable auto minor version upgrade

Enables automatic upgrades to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the DB instance.

- 
- Disable auto minor version upgrade

Maintenance window [Info](#)

Select the period in which you want pending modifications or patches applied to the DB instance by Amazon RDS.

- 
- Select window

- 
- No preference

Cancel

Previous

Create database



Feedback

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6:04 / 6:31

Transcript

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Services

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RDS &gt; Create database



Your DB instance is being created.

Note: Your instance may take a few minutes to launch.

## Connecting to your DB instance

Once Amazon RDS finishes provisioning your DB instance, you can use a SQL client application or utility to connect to the instance.

[Learn about connecting to your DB instance](#)

[All DB instances](#)[View DB instance details](#)[Feedback](#)

English (US)



2x



6:09 / 6:31

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Resource Groups



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Support



RDS &gt; Create database



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[All DB instances](#)[View DB instance details](#)



Services

Resource Groups



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Support

## Amazon RDS



RDS &gt; Instances

Dashboard

Instances

Clusters

Performance Insights

Snapshots

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations

Instances (1)



Instance actions

Restore from S3

Create database

Filter instances

DB instance

multi-docker-postgres

Engine

Status

CPU

C

PostgreSQL

creating

Feedback

English (US)

Transcript

Browse Q&amp;A

Add Bookmark

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Services

Resource Groups



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Support

## History

RDS

VPC

Elastic Beanstalk

EC2

Console Home

EKS

elastic cache

Group

A-Z

ElastiCache  
In-Memory Cache

EC2

Lightsail

Elastic Container Service

EKS

Lambda

Batch

Elastic Beanstalk

Athena

EMR

CloudSearch

Elasticsearch Service

Kinesis

QuickSight

Data Pipeline

AWS Glue



Storage

S3

EFS

Glacier

Storage Gateway



Security, Identity &amp; Compliance

IAM

Cognito

Secrets Manager

GuardDuty

Inspector

▲ close



Transcript

0:19 / 4:11



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Services

Resource Groups



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Support

ElastiCache Dashboard

Create

Backup

Reboot

Delete

Modify



Memcached

Redis

Reserved Nodes

Backups

Parameter Groups

Subnet Groups

Events

ElastiCache Cluster Client

Filter: Search Clusters...

No Clusters

	Cluster Name	Mode	Shards	Nodes	Node Type	Status	Encryption in-transit	Encryption at-rest
--	--------------	------	--------	-------	-----------	--------	-----------------------	--------------------

No records found.



Services

Resource Groups



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Support

## Create your Amazon ElastiCache cluster



Cluster engine



Redis

In-memory data structure store used as database, cache and message broker. ElastiCache for Redis offers Multi-AZ with Auto-Failover and enhanced robustness.

 Cluster Mode enabled

Memcached

High-performance, distributed memory object caching system, intended for use in speeding up dynamic web applications.

## Redis settings

Name



Description



Engine version compatibility

4.0.10





Services

Resource Groups



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Support

## Redis settings

Name

multi-docker-redis



Description

|



Engine version compatibility

4.0.10



Port

6379



Parameter group

default.redis4.0



Node type

cache.r4.large (12.3 GiB)



Number of replicas

2



## ▼ Advanced Redis settings

Advanced settings have common defaults set to give you the fastest way to get started. You can modify these now or after your cluster has been created.



Feedback

English (US)

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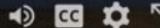
1:34 / 4:11

Transcript

Browse Q&amp;A

Add Bookmark

Continue ▶



## Redis settings

## Select node type

### Engine vers

Instance family	t2	m3	m4	r3	r4
Node type	Memory (GiB)			Network performance	
 cache.t2.micro	0.5		1.5	3	Low to moderate
 cache.t2.small				Low to moderate	
 cache.t2.medium				Low to moderate	

**Cancel**

Save

Number of replicas 2

## ▼ Advanced Redis settings

Advanced settings have common defaults set to give you the fastest way to get started. You can modify these now or after your cluster has been created.



Services

Resource Groups



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Engine version compatibility 4.0.10

Port 6379

Parameter group default.redis4.0

Node type cache.t2.micro (0.5 GiB)

Number of replicas None

#### Advanced Redis settings

Advanced settings have common defaults set to give you the fastest way to get started. You can modify these now or after your cluster has been created.

Subnet group Create new

Name my-subnet-group

Feedback

English (US)



2x



2:20 / 4:11

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Transcript

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Continue



## Subnet group

Create new

Name redis-group

Description	Description
-------------	-------------

VPC ID      **vpc-03309066**

### **Subnets**

	Subnet ID	Availability zone	CIDR Block
<input type="checkbox"/>	subnet-228d417b	us-west-1a	172.31.0.0/20
<input type="checkbox"/>	subnet-7c991619	us-west-1b	172.31.16.0/20

**Preferred availability zone(s)**

- No preference
  - Select zones

Description	<input type="text" value="Description"/>	<a href="#">i</a>	
VPC ID	<input type="text" value="vpc-03309066"/>	<a href="#">i</a>	
Subnets		<a href="#">i</a>	
	Subnet ID	Availability zone	CIDR Block
<input checked="" type="checkbox"/>	subnet-228d417b	us-west-1a	172.31.0.0/20
<input checked="" type="checkbox"/>	subnet-7c991619	us-west-1b	172.31.16.0/20

**Preferred availability zone(s)**  No preference  Select zones

## Security

Security groups default (sg-ad1a78c8) 



Services

Resource Groups



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Support

Seed RDB file S3 location

myBucket/myFolder/objectName



Use comma to separate multiple paths in the field

## Backup

Enable automatic backups



## Maintenance

Maintenance window

 No preference Specify maintenance window

Topic for SNS notification

Disable notifications



Cancel

Create

## ElastiCache Dashboard

Create

Backup

## Reboot

Delete

## Modify



## Memcached

Redis

## Reserved Nodes

## Backups

### Parameter Groups

## Subnet Groups

## Events

## ElastiCache Cluster Client

Filter: <input type="text" value="Search Clusters..."/> <span>X</span>		1 to 1 of 1 Clusters <span>&lt;</span> <span>&lt;</span> <span>&gt;</span> <span>&gt;</span>						
	Cluster Name	Mode	Shards	Nodes	Node Type	Status	Encryption in-transit	Encryption at-rest
	▶ multi-docker-redis	Redis	0	1 node	cache.t2.micro	creating	No	No



Services ▾

Resource Groups ▾



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Support ▾

## History

ElastiCache

VPC

RDS

Elastic Beanstalk

EC2

Console Home

vpc|

Group A-Z

Compute	Developer Tools	Analytics	Customer Engagement
EC2	CodeStar	Athena	Amazon Connect
Lightsail	CodeCommit	EMR	Pinpoint
Elastic Container Service	CodeBuild	CloudSearch	Simple Email Service
EKS	CodeDeploy	Elasticsearch Service	
Lambda	CodePipeline	Kinesis	
Batch	Cloud9	QuickSight	Business Productivity
Elastic Beanstalk	X-Ray	Data Pipeline	Alexa for Business
Storage	Management Tools	Security, Identity & Compliance	Amazon Chime
S3	CloudWatch	IAM	WorkDocs
EFS	AWS Auto Scaling	Cognito	WorkMail
Glacier	CloudFormation	Secrets Manager	
Storage Gateway	CloudTrail	GuardDuty	
	Config	Inspector	
Database	OpsWorks		
	Service Catalog		

▲ close



Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups



VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Search Security Groups and t X

&lt;&lt; 1 to 3 of 3 Security Groups &gt;&gt;

<input type="checkbox"/>	Name tag	Group ID	Group Name	VPC	Description
<input type="checkbox"/>		sg-050d386eb...	rds-launch-wizard	vpc-03309066	Created from the RDS Management Con...
<input type="checkbox"/>	MultiDocker-env	sg-0c7ede710...	awseb-e-zzmay5g8if...	vpc-03309066	SecurityGroup for ElasticBeanstalk envir...
<input type="checkbox"/>		sg-ad1a78c8	default	vpc-03309066	default VPC security group

Select a security group above





Services ▾

Resource Groups ▾



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Support ▾

Internet Gateways

Egress Only Internet  
Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions ▾

## Create Security Group

Name tag  ⓘGroup name  ⓘDescription  ⓘ

VPC vpc-03309066 ⓘ

Cancel

Yes, Create



Select

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions

🔍⚙️❓

## Create Security Group

Name tag

multi-docker

i

Group name

multi-docker

i

Description

Traffic for services in multi-docker app

i

VPC

✓ vpc-03309066

i

Cancel

Yes, Create





Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Search Security Groups and t X

&lt;&lt; 1 to 4 of 4 Security Groups &gt;&gt;

<input type="checkbox"/>	Name tag	Group ID	Group Name	VPC	Description
		sg-050d386eb...	rds-launch-wizard	vpc-03309066	Created from the RDS Management Con...
	multi-docker	sg-0bb7b8530...	multi-docker	vpc-03309066	Traffic for services in multi-docker app
	MultiDocker-env	sg-0c7ede710...	awseb-e-zzmay5g8if...	vpc-03309066	SecurityGroup for ElasticBeanstalk envir...
		sg-ad1a78c8	default	vpc-03309066	default VPC security group

Select a security group above



Feedback

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Transcript

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Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Search Security Groups and t

&lt;&lt; 1 to 4 of 4 Security Groups &gt;&gt;

	Name tag	Group ID	Group Name	VPC	Description
<input type="checkbox"/>	sg-050d386eb...	rds-launch-wizard	vpc-03309066	Created from the RDS Management Con...	
<input checked="" type="checkbox"/>	multi-docker	sg-0bb7b8530...	multi-docker	vpc-03309066	Traffic for services in multi-docker app

sg-0bb7b8530c14d8e7b | multi-docker



Summary

Inbound Rules

Outbound Rules

Tags

Edit

Type Protocol Port Range Source Description

You do not have any Inbound Rules.

Feedback

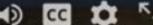
English (US)

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2x 4:18

Transcript

Browse Q&amp;A

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```
16     dockerfile: Dockerfile.dev
17     context: ./server
18     volumes:
19         - /app/node_modules
20         - ./server:/app
21     environment:
22         - REDIS_HOST=redis
23         - REDIS_PORT=6379
24         - PGUSER=postgres
25         - PGHOST=postgres
26         - PGDATABASE=postgres
27         - PGPASSWORD=postgres_password
28         - PGPORt=5432
29     client:
30     build:
31         dockerfile: Dockerfile.dev
32         context: ./client
```





Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Search Security Groups and t X

&lt;&lt; 1 to 4 of 4 Security Groups &gt;&gt;

Name tag	Group ID	Group Name	VPC	Description
	sg-050d386eb...	rds-launch-wizard	vpc-03309066	Created from the RDS Management Con...
<input checked="" type="checkbox"/>	sg-0bb7b8530c...	multi-docker	vpc-03309066	Traffic for services in multi-docker app

sg-0bb7b8530c14d8e7b | multi-docker



Summary

Inbound Rules

Outbound

Tags

Cancel

Save



Saving...

Type	Protocol	Port Range	Source	Description
Custom TCP Rule	TCP (6)	5432-6379	sg-0bb7b8530c14d8e7b	

Add another rule

Feedback

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2x 3:52 / 4:18

Transcript

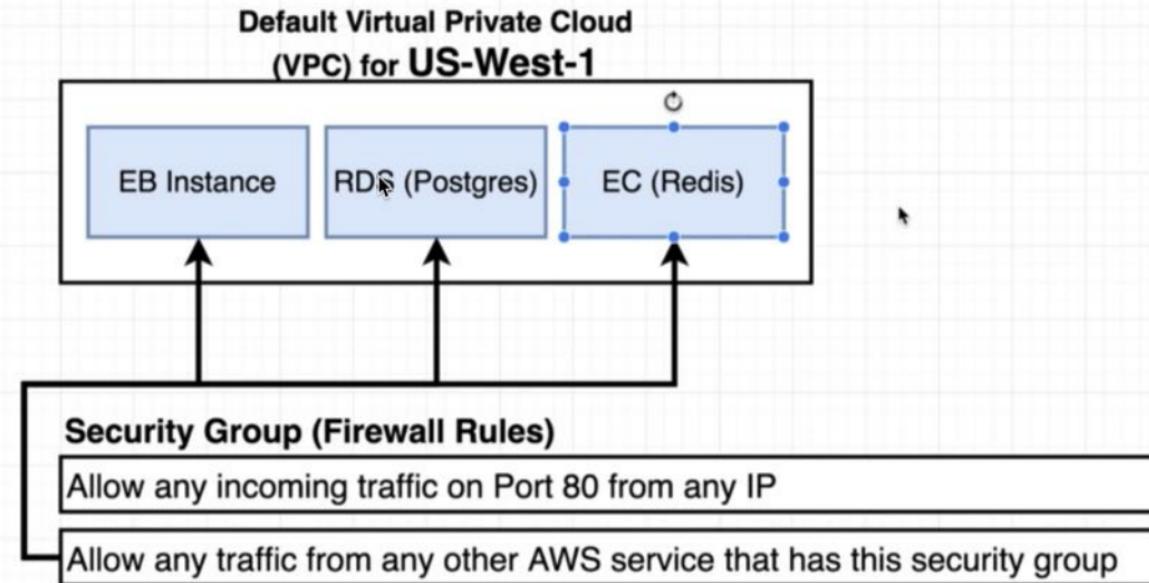
Browse Q&amp;A

Add Bookmark

Continue ▶









Services

Resource Groups



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Support

## ElastiCache Dashboard

[Memcached](#)[Redis](#)[Reserved Nodes](#)[Backups](#)[Parameter Groups](#)[Subnet Groups](#)[Events](#)[ElastiCache Cluster Client](#)

## Resources



You are using the following Amazon ElastiCache resources in the US West (N. California) region:

[Parameter Groups \(7\)](#)[Request cache node limit increase](#)[Default \(7\)](#)[Custom \(0\)](#)[Memcached \(0\)](#)[Redis \(1\)](#)[Reserved Nodes \(0\)](#)[Backups \(0\)](#)[Subnet Groups \(1\)](#)[Manual \(0\)](#)[Supported Platforms VPC](#)[Automated \(0\)](#)[Default Network vpc-03309066](#)[Recent Events \(3\)](#)

## More Info

[Introduction to Amazon ElastiCache](#)[Overview and Features](#)[Pricing](#)[Getting Started with Amazon ElastiCache](#)[Customer Testimonials](#)

## Help

[FAQs](#)[Video Tutorials](#)[Best Practices](#)[Documentation](#)[Forums](#)

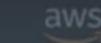
## Create Cluster

ElastiCache is a web service that makes it easy to deploy, operate, and scale an in-memory cache in the cloud.

[Create](#)







ElastiCache Dashboard

Memcached

Redis

Reserved Nodes

Backups

Parameter Groups

Subnet Groups

Events

ElastiCache Cluster Client

## Select Security groups

Filter:  Search Security groups... X1 to 4 of 4 < < > >

Group ID

Name

 sg-050d386eb84bd9d6f rds-launch-wizard sg-0bb7b8530c14d8e7b multi-docker sg-0c7ede7102fa12bfa awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G74O9WQIL4Z sg-ad1a78c8 default

Cancel

Save





Services ▾

Resource Groups ▾



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Support ▾

## History

ElastiCache

VPC

RDS

Elastic Beanstalk

EC2

Console Home

rds

RDS

Managed Relational Database Service

## Resource Groups

AWS Resource Groups lets you search and group AWS resources from multiple services based on their tags.

## Systems Manager

AWS Systems Manager is a Central Place to View and Manage AWS Resources

Lambda

CodePipeline

Kinesis

Batch

Cloud9

QuickSight ↗



Business Productivity

Elastic Beanstalk

X-Ray

Data Pipeline

Alexa for Business

AWS Glue

Amazon Chime ↗



## Storage

S3



## Management Tools

EFS

CloudWatch

Glacier

AWS Auto Scaling

Storage Gateway

CloudFormation



## Security, Identity &amp; Compliance

IAM



Desktop &amp; App Streaming

Cognito

WorkSpaces

Secrets Manager

AppStream 2.0

GuardDuty

Inspector



## Database

▲ close







Services

Resource Groups



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Support

## Amazon RDS



RDS &gt; Instances &gt; multi-docker-postgres

Dashboard

Instances

Clusters

Performance Insights

Schemas

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

## multi-docker-postgres

Modify

Delete

Instance actions

## Summary

Engine

PostgreSQL 9.6.6

DB instance class

Info

db.t2.micro

DB instance status

available

Pending maintenance

none

CloudWatch (20)



Add instance to compare

Monitoring

Last Hour

Legend: multi-docker-postgres



&lt; 1 2 3 4 &gt;



## CPU Utilization (Percent)

12.5  
10  
7.5

## DB Connections (Count)

1  
0.75





Services

Resource Groups



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## Amazon RDS



Dashboard

Instances

Clusters

Performance Insights

Schemas

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

## Network &amp; Security

## Subnet group

Use this field to move the DB instance to a new subnet group in another VPC. [Learn more](#).

default



## Security group

List of DB security groups to associate with this DB instance.

Choose security groups



rds-launch-wizard (sg-050d386eb84bdf6f) (vpc-03309066) X



## Certificate authority

Certificate authority for this DB instance

rds-ca-2015

Public accessibility [Info](#) Yes

EC2 instances and devices outside of the VPC hosting the DB instance will connect to the DB instances. You must also select one or more VPC security groups that specify which EC2 instances and devices can connect to the DB instance.

 No

DB instance will not have a public IP address assigned. No EC2 instance or devices outside of the VPC will be able to connect.

Feedback

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CC



2x 2:33 / 4:59

Transcript

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Secure | https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#dbinstance:id=multi-docker-postgres

aws Services Resource Groups stephen grider N. California Support

## Amazon RDS

Dashboard Instances Clusters Performance Insights Snapshots Reserved instances Subnet groups Parameter groups Option groups Events Event subscriptions Recommendations 1

### Network & Security

Subnet group  
Use this field to move the DB instance to a new subnet group in another VPC. [Learn more.](#)

default

Security group  
List of DB security groups to associate with this DB instance.

Choose security groups

awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G74O9WQIL4Z (sg-0c7ede7102fa12bfa) (vpc-03309066)

default (sg-ad1a78c8) (vpc-03309066)

multi-docker (sg-0bb7b8530c14d8e7b) (vpc-03309066) 

rds-launch-wiz multi-docker (sg-0bb7b8530c14d8e7b) (vpc-03309066) 

Yes  
EC2 Instances and devices outside of the VPC hosting the DB instance will connect to the DB instances. You must also select one or more VPC security groups that specify which EC2 instances and devices can connect to the DB instance.

No  
DB instance will not have a public IP address assigned. No EC2 instance or devices outside of the VPC will be able to connect.



Services

Resource Groups



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Support

## Amazon RDS



Dashboard

Instances

Clusters

Performance Insights

Snapshots

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

## Monitoring

Enhanced monitoring

 Enable enhanced monitoring

Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.

 Disable enhanced monitoring

## Maintenance

Auto minor version upgrade

Specifies if the DB instance should receive automatic engine version upgrades when they are available.

 Yes No

Maintenance window

The weekly time range (in UTC) during which system maintenance can occur.

Start Day

Start Time

Duration

Thursday ▾

13

:

04

UTC

0.5

hours

Cancel

Continue



## Amazon RDS



Dashboard

Instances

Clusters

Performance Insights

Snapshots

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

Attribute	Current Value	New Value
-----------	---------------	-----------

Security group rds-launch-wizard rds-launch-wizard, multi-docker

## Scheduling of Modifications

## When to Apply Modifications

 Apply during the next scheduled maintenance window

Current maintenance window: thu:13:04-thu:13:34

 Apply immediately

The modifications in this request and any pending modifications will be asynchronously applied as soon as possible, regardless of the maintenance window setting for this database instance.



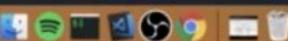
## Potential unexpected downtime

If you choose to apply changes immediately, please note that any changes in the pending modifications queue are also applied. If any of the pending modifications require downtime, choosing this option can cause unexpected downtime.

Cancel

Back

Modify DB Instance



Amazon RDS		NETWORK		details
	ARN	Availability zone	Instance Class	Auto minor version upgrade
Dashboard	arn:aws:rds:us-west-1:306476627547:db:multi-docker-postgres	us-west-1a	db.t2.micro	Yes
Instances	Engine	VPC	Storage Type	Maintenance window
Clusters	PostgreSQL 9.6.6	vpc-03309066	General Purpose (SSD)	thu:13:04-thu:13:34 UTC (GMT)
Performance Insights	License Model	Subnet group	Storage	Pending Modifications
Snapshots	Postgresql License	default	20 GiB	None
Reserved instances	Created Time	Subnets	DB instance status	Pending maintenance
Subnet groups	Wed Aug 15 11:26:19 GMT-600 2018	subnet-228d417b subnet-7c991619	available	none
Parameter groups	DB Name	Security groups	Multi AZ	Encryption details
Option groups	fibvalues	rds-launch-wizard (sg-050d386eb84bdfd6f) ( active )	No	Encryption enabled
Events	Username	multi-docker (sg-0bb7b8530c14d8e7b) ( adding )	Backup and Restore	No
Event subscriptions	postgres	Publicly accessible	Automated backups	
Recommendations 1	Option Group	No	Enabled (7 Days)	
	default:postgres-9-6			
	Parameter group			



Services

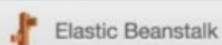
Resource Groups



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Support



multi-docker

Create New Application

All Applications &gt; multi-docker &gt; MultiDocker-env (Environment ID: e-zzmay5g8if, URL: MultiDocker-env.x45muh4m3r.us-west-1.elasticbeanst

Actions

alk.com )

Dashboard

Configuration overview

Cancel

Apply configuration

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags

## Software

Rotate logs: disabled (default)  
Log streaming: disabled (default)  
Environment properties: 0

Modify

## Instances

EC2 instance type: t1.micro  
EC2 image ID: ami-0e2cacfb8626585e24  
Monitoring interval: 5 minute  
Root volume type: container default  
Root volume size (GB): container default  
Root volume IOPS: container default  
Security groups: sg-0c7ede7102fa12bfa

Modify

## Capacity

Environment type: single instance

Modify

## Load balancer

## Rolling updates and deployments

## Security



4:07 / 4:59

Transcript

Browse Q&amp;A

Add Bookmark

Create new elastic beanstalk service role

View machine learning metrics

Continue



IOPS

100

IOPS

Input/output operations per second for a provisioned IOPS (SSD) volume.

## EC2 security groups

	Group name	Group ID	Name
<input checked="" type="checkbox"/>	awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G74O9WQIL4Z	sg-0c7ede7102fa12bfa	MultiDocker-env
<input type="checkbox"/>	default	sg-ad1a78c8	
<input checked="" type="checkbox"/>	multi-docker	sg-0bb7b8530c14d8e7b	multi-docker
<input type="checkbox"/>	rds-launch-wizard	sg-050d386eb84bdfd6f	

Cancel

Continue

Apply



Services

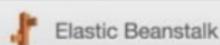
Resource Groups



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Support



multi-docker

Create New Application

All Applications &gt; multi-docker &gt; MultiDocker-env (Environment ID: e-zzmay5g8if, URL: MultiDocker-env.x45mu4m3r.us-west-1.elasticbeanst

Actions

alk.com )

Dashboard

Service messages

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags

Warnings 1

Warning

Changes to option SecurityGroups settings will not take effect immediately. Each of your existing EC2 instances will be replaced and your new settings will take effect then.

```
aws:autoscaling:launchconfiguration:SecurityGroups "awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G7409WQIL4Z" => "multi-docker,awseb-e-zzmay5g8if-stack-AWSEBSecurityGroup-2G7409WQIL4Z"
```

Cancel

Confirm





OPEN EDITORS 1 UNSAVED  
Untitled-1  
docker-compose.yml  
COMPLEX  
client  
nginx  
server  
worker  
.travis.yml  
docker-compose.yml  
Dockerrun.aws.json

```
18     volumes:  
19         - /app/node_modules  
20         - ./server:/app  
21     environment:  
22         - REDIS_HOST=redis  
23         - REDIS_PORT=6379  
24         - PGUSER=postgres  
25         - PGHOST=postgres  
26         - PGDATABASE=postgres  
27         - PGPASSWORD=postgres_password  
28         - PGPORT=5432  
29     client:  
30         build:  
31             dockerfile: Dockerfile.dev  
32             context: ./client  
33         volumes:  
34             - /app/node_modules
```



Services

Resource Groups



stephen grider

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Support



Elastic Beanstalk

multi-docker

Create New Application

All Applications &gt; multi-docker &gt; MultiDocker-env (Environment ID: e-zzmay5g8if, URL: MultiDocker-env.x45muh4m3r.us-west-1.elasticbeanst

Actions

alk.com)

Dashboard

Configuration overview

Cancel

Apply configuration

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags

## Software

Rotate logs: disabled (default)  
Log streaming: disabled (default)  
Environment properties: 0

## Instances

EC2 instance type: t1.micro  
EC2 image ID: ami-0e2cacf8626585e24  
Monitoring interval: 5 minute  
Root volume type: container default  
Root volume size (GB): container default  
Root volume IOPS: container default  
Security groups: sg-0bb7b8530c14d8e7b, sg-0c7ede7102fa12bfa

## Capacity

Environment type: single instance

Modify

Modify

Modify

## Load balancer

## Rolling updates and deployments

Deployment policy: All at once

## Security

Service role: aws-elasticbeanstalk-service-role



## Tags

## Instance log streaming to CloudWatch Logs

Configure the instances in your environment to stream logs to CloudWatch Logs. You can set the retention to up to ten years and configure Elastic Beanstalk to delete the logs when you terminate your environment.

**Log streaming**  Enabled (Standard CloudWatch charges apply.)

**Retention** 7 days

**Lifecycle** Keep logs after terminating environment

**Environment properties**

The following properties are passed in the application as environment properties. Learn more

Name	Value
<input type="text"/>	<input type="text"/>

Cancel

Continue

Apply



## ElastiCache Dashboard

## Memcached

Redis

## Reserved Nodes

## Backups

## Parameter Groups

## Subnet Groups

## Events

ElastiCache Cluster Client

Cluster Name	Mode	Shards	Nodes	Node Type	Status	Encryption in-transit
multi-docker-redis	Redis	0	1 node	cache.t2.micro	available	No
<b>Name:</b>		<b>Creation Time:</b>				
multi-docker-redis		August 15, 2018 at 11:30:04 AM UTC-6				
<b>Configuration Endpoint:</b>		<b>Status:</b>				
		available				
<b>Primary Endpoint:</b>		<b>Engine:</b>				
multi-docker-redis.r9lnbg.0001.usw1.cache.amazonaws.com:6379		Redis				
<b>Engine Version Compatibility:</b>		<b>Node type:</b>				
4.0.10		cache.t2.micro				
<b>Availability Zones:</b>		<b>Shards:</b>				
us-west-1a		0				
<b>Number of Nodes:</b>		<b>Multi-AZ:</b>				
1 node		Disabled				
<b>Description:</b>		<b>Parameter Group:</b>				
		default.redis4.0 (in-sync)				
<b>Security Group(s):</b>						

Configure the instances in your environment to stream logs to CloudWatch Logs. You can set the retention to up to ten years and configure Elastic Beanstalk to delete the logs when you terminate your environment.

**Log streaming**  Enabled (Standard CloudWatch charges apply.)

**Retention** 7 days

**Lifecycle** Keep logs after terminating environment

## Environment properties

The following properties are passed in the application as environment properties. Learn more

Name	Value
REDIS_HOST	.usw1.cache.amazonaws.com

**Cancel**

**Continue**

**Apply**



```
1 username: postgres  
2 password: postgrespassword  
3 databasename: fibvalues
```



Services

Resource Groups



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Support

## Amazon RDS

Dashboard

Instances

Clusters

Performance Insights

Snapshots

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

0 08/15 08/15  
11:30 12:000 08/15 08/15  
11:30 12:00

## Connect

Endpoint

multi-docker-postgres.caszinev8vfz.us-west-1.rds.amazonaws.com

Port

5432

Publicly accessible

No

## Security group rules (4)

Filter security group rules

&lt; 1 &gt;

Security group	Type	Rule
rds-launch-wizard (sg-050d386eb84bdfd6f)	CIDR/IP - Inbound	205.169.173.50/32
rds-launch-wizard (sg-050d386eb84bdfd6f)	CIDR/IP - Outbound	0.0.0.0/0
multi-docker (sg-0bb7b8530c14d8e7b)	Security Group - Inbound	sg-0bb7b8530c14d8e7b

Feedback

English (US)

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Continue CC



4:56 / 7:55

Transcript

Browse Q&amp;A

Add Bookmark

## Environment properties

The following properties are passed in the application as environment properties. Learn more

Name	Value
REDIS_HOST	multi-docker-redis.r9lnbg.0001
REDIS_PORT	6379
PGUSER	postgres
PGPASSWORD	postgrespassword
PGHOST	multi-docker-postgres.caszine1
PGDATABASE	fibvalues
PGPORT	5432



Services

Resource Groups



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Support

## History

RDS

ElastiCache

Elastic Beanstalk

VPC

EC2

Console Home

iam

Group

A-Z

IAM

Manage User Access and Encryption Keys

EC2

Lightsail

Elastic Container Service

EKS

Lambda

Batch

Elastic Beanstalk

Athena

EMR

CloudSearch

Elasticsearch Service

Kinesis

QuickSight

Data Pipeline

AWS Glue



Storage

S3

EFS

Glacier

Storage Gateway



Security, Identity &amp; Compliance

IAM

Cognito

Secrets Manager

GuardDuty

Inspector

▲ close

10

0.75



Services

Resource Groups



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Global

Support

Search IAM

Add user

Delete user



Dashboard

Groups

Users

Roles

Policies

Identity providers

Account settings

Credential report

Encryption keys

Find users by username or access key

Showing 15

<input type="checkbox"/> User name	Groups	Access key age	Password age	Last activity	MFA
<input type="checkbox"/> abarlow85...	None	None	462 days	389 days	Not e
<input type="checkbox"/> arn_access	None	⚠ 343 days	None		Not e
<input type="checkbox"/> aws-cli	None	✓ 12 days	None		Not e
<input type="checkbox"/> bbybrady@...	None	⚠ 195 days	187 days		Not e
<input type="checkbox"/> blog-image...	None	⚠ 126 days	None		Not e
<input type="checkbox"/> chromeless	chromeless	⚠ 203 days	None		Not e
<input type="checkbox"/> docker-react...	None	✓ 20 days	None		Not e
<input type="checkbox"/> docker-react...	None	✓ 14 days	14 days		Not e
<input type="checkbox"/> eb-cli	None	✓ 20 days	None		Not e
<input type="checkbox"/> ELB	None	⚠ 167 days	None		Not e
<input type="checkbox"/> image_hunk	None	⚠ 101 days	None		Not e



Feedback

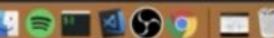
English (US)

https://console.aws.amazon.com/iam/home?region=us-west-1#users

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Services

Resource Groups



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Global

Support



## Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name\*

multi-docker-deployer

[+ Add another user](#)

## Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Access type\*

**Programmatic access**

Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

**AWS Management Console access**

Enables a **password** that allows users to sign-in to the AWS Management Console.

\* Required

[Cancel](#)[Next: Permissions](#)



Services

Resource Groups



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Global

Support

## ▼ Set permissions



Add user to group



Copy permissions from existing user



Attach existing policies directly

Create policy



Filter policies



Showing 365 results

	Policy name	Type	Used as	Description
<input type="checkbox"/>	AdministratorAccess	Job function	Permissions policy (2)	Provides full access to AWS services and re...
<input type="checkbox"/>	AlexaForBusinessD...	AWS managed	None	Provide device setup access to AlexaForBu...
<input type="checkbox"/>	AlexaForBusinessF...	AWS managed	None	Grants full access to AlexaForBusiness reso...
<input type="checkbox"/>	AlexaForBusinessG...	AWS managed	None	Provide gateway execution access to Alexa...
<input type="checkbox"/>	AlexaForBusinessR...	AWS managed	None	Provide read only access to AlexaForBusine...

Cancel

Previous

Next: Review



Feedback

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Transcript

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Services

Resource Groups



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Global

Support

Create policy



Filter policies

Q beanstalk

Showing 9 results

	Policy name	Type	Used as	Description
<input type="checkbox"/>	awsebcli_awst... ▶	Customer managed	Permissions policy (1)	
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (2)	Provide the instance in your custom platfor...
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (3)	AWS Elastic Beanstalk Service policy for He...
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (6)	Provides full access to AWS Elastic Beansta...
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (3)	Provide the instances in your multicontainer...
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (2)	Provides read only access to AWS Elastic B...
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (3)	AWS Elastic Beanstalk Service role policy w...
<input checked="" type="checkbox"/>	AWSElasticBeansta... ▶	AWS managed	Permissions policy (3)	Provide the instances in your web server en...



Cancel

Previous

Next: Review



Feedback

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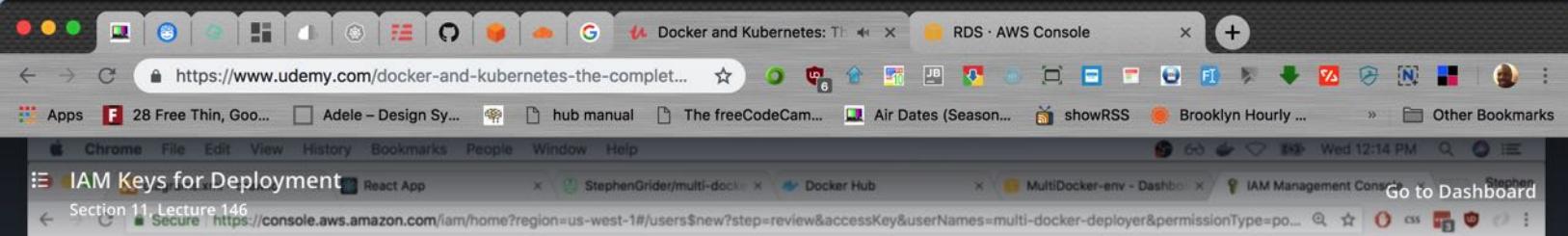
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2x 3:00 / 5:12

Transcript Q&amp;A Add Bookmark

Continue ►



IAM Keys for Deployment

Section 11, Lecture 146

Secure | https://console.aws.amazon.com/iam/home?region=us-west-1#/users\$new?step=review&accessKey&userNames=multi-docker-deployer&permissionType=po...

Go to Dashboard

AWS Services Resource Groups

User name: multi-docker-deployer

AWS access type: Programmatic access - with an access key

Permissions boundary: Permissions boundary is not set

### Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	AWSElasticBeanstalkCustomPlatformforEC2Role
Managed policy	AWSElasticBeanstalkEnhancedHealth
Managed policy	AWSElasticBeanstalkFullAccess
Managed policy	AWSElasticBeanstalkMulticontainerDocker
Managed policy	AWSElasticBeanstalkReadOnlyAccess
Managed policy	AWSElasticBeanstalkService
Managed policy	AWSElasticBeanstalkWebTier

Cancel Previous Create user





## ADD USER

1

2

3

4



## Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://306476627547.signin.aws.amazon.com/console>

 [Download .csv](#)

	User	Access key ID	Secret access key
	multi-docker-deployer	AKIAJWPG2ULHNFZRLLMQ	***** Show

[Close](#)



1 2 3 4

New user

## Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://306476627547.signin.aws.amazon.com/console>

Download .csv

	User	Access key ID	Secret access key
	multi-docker-deployer	AKIAJWPG2ULHNFZRLLMQ	eBgZajbCNNBKEkleavJ4CV3HfZ/uaMarZ85 qVAN6 <a href="#">Hide</a>

Close



## Environment Variables

Notice that the values are not escaped when your builds are executed. Special characters (for bash) should be escaped accordingly.

AWS\_ACCESS\_KEY

\*\*\*\*\*



DOCKER\_ID

\*\*\*\*\*



DOCKER\_PASSWORD

\*\*\*\*\*



Please make sure your secret key is never related to the repository, branch name, or any other guessable string. For more tips on generating keys [read our documentation](#).

AWS\_SECRET\_KEY

jbCNNBKEkleaVJ4CV3HfZ/uaMarZ85gVANG

Display value in  
build log

Add

## Cron Jobs

Branch

master

Interval

monthly

Options

Always run

Add

```
18 # Take those images and push them to docker hub
19 - docker push stephengrider/multi-client
20 - docker push stephengrider/multi-nginx
21 - docker push stephengrider/multi-server
22 - docker push stephengrider/multi-worker
23
24 deploy:
25 provider: elasticbeanstalk
26 region:
```

- MultiDocker-env Dashboard - https://us-west-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-1#environment/dashboard?applicationName=multi-docker&environmentId=
- drive.google.com/drive/u/0/
- hub.docker.com
- k8s-multi.com
- facebook - Google Search
- google translate

All Applications > multi-docker > MultiDocker-env (Environment ID: e-zzmay5g8if, URL: MultiDocker-env.x45muh4m3r.us-west-1.elasticbeanst

Actions ▾

alk.com )

Dashboard

Overview

Refresh

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags



Health

Ok

Causes

Running Version

Sample Application

Upload and Deploy



docker

Configuration

Multi-container Docker running on  
64bit Amazon Linux/2.11.1

Change

Recent Events

Show All



Services

Resource Groups



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N. California

Support



multi-docker

Create New Application

[All Applications](#)[multi-docker](#)[MultiDocker-env](#)

(Environment ID: e-zzmay5g8if, URL: MultiDocker-env.x45muh4m3r.us-west-1.elasticbeanst...

Actions

alk.com )

Dashboard

Overview

Refresh

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags



Health

Ok

Causes

Running Version

Sample Application

Upload and Deploy



docker

Configuration

Multi-container Docker running on  
64bit Amazon Linux/2.11.1

Change

Recent Events

Show All





Amazon S3

Discover the new console

Quick tips

Search for buckets

Create bucket

Delete bucket

Empty bucket

25

Buckets

5

Public

4

Regions



Bucket name

Access

Region

Date created

306476627547-us-west-2-chromeless

Not public \*

US West (Oregon)

Jan 23, 2018 4:46:43 PM GMT-0700

blog-image-bucket-1234

Not public \*

US West (Oregon)

Apr 11, 2018 9:07:17 AM GMT-0600

chromeless-serverless-de-serverlessdeploymentbuck-e1jrjree9j04

Not public \*

US West (Oregon)

Jan 23, 2018 4:44:09 PM GMT-0700

docker-react

Not public \*

US West (Oregon)

Jul 25, 2018 5:05:09 PM GMT-0600

ebs-us-west-2-19294552

Not public \*

US West (Oregon)

Sep 5, 2017 2:16:33 PM GMT-0600

elasticbeanstalk-us-east-1-306476627547

Not public \*

US East (N. Virginia)

Apr 13, 2016 12:59:53 PM GMT-0600

elasticbeanstalk-us-west-1-306476627547

Not public \*

US West (N. California)

Aug 15, 2018 10:24:08 AM GMT-0600

elasticbeanstalk-us-west-2-306476627547

Not public \*

US West (Oregon)

Jul 6, 2015 2:50:55 PM GMT-0600

2x

C 1:48 / 3:20

Transcript

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Add Bookmark

Continue ▶ 🔍 CC ⚙

```
22 - docker push stephengrider/multi-worker
23
24 deploy:
25   provider: elasticbeanstalk
26   region: us-west-1
27   app: multi-docker
28   env: MultiDocker-env
29   bucket_name: elasticbeanstalk-us-west-1-306476627547
30   bucket_path: docker-multi
31 on:
32   branch: master
33   access_key_id: $AWS_ACCESS_KEY
34   secret_access_key:
35     secure: $AWS_SECRET_KEY
36
```



## Welcome to React

[Home](#)[Other Page](#)

Enter your index:

### Indexes I have seen:

5, 7

### Calculated Values:

For index 5 I calculated 8

For index 7 I calculated Nothing yet!

For index 1 I calculated Nothing yet!



```
9 () {
10   rn (
11     outer>
12     <div className="App">
13       <header className="App-header">
14         <img src={logo} className="App-logo" alt="logo" />
15         <h1 className="App-title">Fib Calculator</h1>
16         <Link to="/">Home</Link> |
17         <Link to="/otherpage">Other Page</Link>
18       </header>
19     <div>
20       <Route exact path="/" component={Fib} />
21       <Route path="/otherpage" component={OtherPage} />
22     </div>
23   </div>
24 <Router>
25
```

```
→ complex git:(master) git status
```

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: client/src/App.js

no changes added to commit (use "git add" and/or "git commit -a")

```
→ complex git:(master) ✘ git add .
```

```
→ complex git:(master) ✘ git commit -m "my change"
```

[master 37b4100] my change

1 file changed, 1 insertion(+), 1 deletion(-)

```
→ complex git:(master) git push origin master
```



Search all repositories



## My Repositories



✓ StephenGrider/multi-docker # 5

⌚ Duration: 2 min 21 sec

📅 Finished: 14 minutes ago

✓ StephenGrider/docker-readme # 10

⌚ Duration: 1 min 24 sec

📅 Finished: 15 days ago

## StephenGrider / multi-docker build passing

Current

Branches

Build History

Pull Requests

More options



✓ master my change

→ #5 passed

Restart build

⌚ Commit 37b4100 ↗

⌚ Ran for 2 min 21 sec

🏷 Compare 55e5126..37b4100 ↗

📅 14 minutes ago

🔗 Branch master ↗

👤 stephen grider authored and committed

Job log

View config

Remove log

Raw log

▶ 1 Starting instance  
▶ 8 Uploading script  
▶ 12 Worker information  
Build system information

step\_start\_instance  
step\_upload\_script  
worker\_info  
system\_info



## Fib Calculator

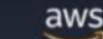
[Home](#)[Other Page](#)

Enter your index:

**Indexes I have seen:**

**Calculated Values:**





Services

Resource Groups



multi-docker

Create New Application

## Learn More

- [Get started using Elastic Beanstalk](#)
- [Modify the code](#)
- [Create and connect to a database](#)
- [Add a custom domain](#)

## Featured

- [Create your own custom platform](#)

## Command Line Interface (v3)

- [Installing the AWS EB CLI](#)
- [EB CLI Command Reference](#)

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

## Get Started

```
S mkdir HelloWorld
```

```
S cd HelloWorld
```

## All Applications

Filter by Application Name:

multi-docker

Actions

MultiDocker-env

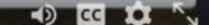
**Environment tier:** Web Server**Platform:** Multi-container Docker running on  
64bit Amazon Linux/2.11.1**Running versions:** travis-37b410068382b69b22d1b9b1a54e7c3135c  
f15fd-1534362665**Last modified:** 2018-08-15 13:52:14 UTC-...**URL:** MultiDocker-env.x45muh4m3r.us-wes...

Transcript

Browse Q&amp;A

Add Bookmark

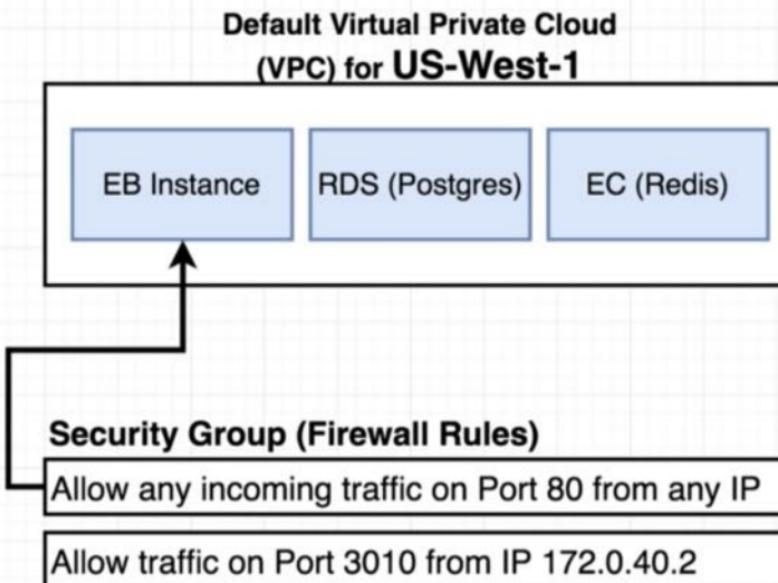
Continue



1.5x

C

0:48 / 0:57





## Learn More

- [Get started using Elastic Beanstalk](#)
- [Modify the code](#)
- [Create and connect to a database](#)
- [Add a custom domain](#)

## Featured

- [Create your own custom platform](#)

## Command Line Interface (v3)

- [Installing the AWS EB CLI](#)
- [EB CLI Command Reference](#)

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

## Get Started

```
$ mkdir HelloWorld
```

## All Applications

Filter by Application Name:

multi-docker

Actions ▾

- [Create environment](#)
- [Delete application](#)
- [View application versions](#)
- [View saved configurations](#)
- [Restore terminated environment](#)

MultiDocker-env

Environment tier: Web Server

Platform: Multi-container Docker running on  
64bit Amazon Linux/2.11.1

Running versions: travis-

37b410068382b69b22d1b9b1a54e7c3135c  
f15fd-1534362665

Last modified: 2018-08-15 13:52:14 UTC-...

URL: MultiDocker-env.x45muh4m3r.us-wes...



All Applications > multi-docker > MultiDocker-env (Environment ID: e-zzmay5g8if, URL: MultiDocker-env.x45mu4m3r.us-west-1.elasticbeanst

Actions

alk.com )

Dashboard

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags



Elastic Beanstalk is terminating your environment.

[View Events](#)

Overview

Refresh



Health

Info

Causes

Running Version

travis-

37b410068382b69b22d1b9b1a54  
e7c3135cf15fd-1534362665

[Upload and Deploy](#)



docker

Configuration

Multi-container Docker running on  
64bit Amazon Linux/2.11.1

[Change](#)

Recent Events

[Show All](#)





## Amazon RDS



### Dashboard

Instances

Clusters

Performance Insights

Snapshots

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

### Resources

Refresh

You are using the following Amazon RDS resources in the US West (N. California) region (used/quota)

#### [DB Instances \(1/40\)](#)

Allocated storage (20.00  
GB/100.00 TB)

[Click here to increase DB instances limit](#)

#### [Reserved instances \(0/40\)](#)

#### [Snapshots \(19\)](#)

Manual (0/100)  
Automated (1)

#### [Recent events \(5\)](#)

#### [Event subscriptions \(0/20\)](#)

#### Parameter groups (1)

Default (1)  
Custom (0/100)

#### Option groups (1)

Default (1)  
Custom (0/20)

#### Subnet groups (1/50)

Supported platforms VPC  
Default network vpc-03309066

### Additional information

[Getting started with RDS](#)

[Overview and features](#)

[Documentation](#)

[Articles and tutorials](#)

[Data import guide for MySQL](#)

[Data import guide for Oracle](#)

[Data import guide for SQL Server](#)

[New RDS feature announcements](#)

[Pricing](#)

[Forums](#)

### Create database

### Database Preview Environment

Amazon Relational Database Service (RDS) makes it easy to set up, operate,



Services

Resource Groups



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Support

## Amazon RDS



RDS &gt; Instances

Dashboard

Instances

Clusters

Performance Insights

Schemas

Reserved instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations 1

Instances (1)



Instance actions

Restore from S3

Create database

Filter instances

DB instance

multi-docker-postgres

Modify

Stop

Reboot

Delete

Create read replica

Create Aurora read replica

Promote read replica

Take snapshot

Restore to point in time

Migrate snapshot

Engine

PostgreSQL

Status available

CPU 1.83%

Feedback

English (US)

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1.5x



1:43 / 5:05

Transcript

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Continue





Services

Resource Groups



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Support

## Amazon RDS

Dashboard

Instances

Clusters

Performance Insights

Schemas

Reserved Instances

Subnet groups

Parameter groups

Option groups

Events

Event subscriptions

Recommendations

## Delete multi-docker-postgres instance?

Are you sure you want to Delete the **multi-docker-postgres** DB Instance?

Create final snapshot?

Determines whether a final DB Snapshot is created before the DB instance is deleted.

No

- I acknowledge that upon instance deletion, automated backups, including system snapshots and point-in-time recovery, will no longer be available.

Enter the phrase delete me into the field below to confirm deletion

delete me

We strongly recommend taking a final snapshot before instance deletion since after your instance is deleted, automated backups will no longer be available.

Cancel

Delete

m 53	Create database
< 1 >	
Status	CPU
available	0.83







Services

Resource Groups



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Support

## VPC Dashboard

Filter by VPC:

Virtual Private Cloud

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet  
Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security





Services

Resource Groups



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Support

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



Filter All security groups

Delete Security Group

Groups and t X

&lt;&lt; 1 to 4 of 4 Security Groups &gt;&gt;

<input type="checkbox"/>	Name tag	Group ID	Group Name	VPC	Description
<input checked="" type="checkbox"/>		sg-050d386eb...	rds-launch-wizard	vpc-03309066	Created from the RDS Management Con...
<input checked="" type="checkbox"/>	multi-docker	sg-0bb7b8530...	multi-docker	vpc-03309066	Traffic for services in multi-docker app
<input checked="" type="checkbox"/>	MultiDocker-env	sg-0c7ede710...	awseb-e-zzmay5g8if...	vpc-03309066	SecurityGroup for ElasticBeanstalk envir...
<input type="checkbox"/>		sg-ad1a78c8	default	vpc-03309066	default VPC security group



sg-050d386eb84bdfdf6f

sg-0bb7b8530c14d8e7b | multi-docker

sg-0c7ede7102fa12bfa | MultiDocker-env

Feedback

English (US)

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3:16 / 5:05

Transcript

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Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions



## Delete Security Group

Are you sure that you want to delete these security groups?

- sg-050d386eb84bdf6f
- sg-0bb7b8530c14d8e7b | multi-docker
- sg-0c7ede7102fa12bfa | MultiDocker-env

[Cancel](#)[Yes, Delete](#)

sg-050d386eb84bdf6f

sg-0bb7b8530c14d8e7b | multi-docker

sg-0c7ede7102fa12bfa | MultiDocker-env

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

sg-050  
sg-0bb  
sg-0c7

Create Security Group

Security Group Actions

## Delete Security Group



We could not delete the following security groups

- sg-0c7ede7102fa12bfa | MultiDocker-env: The security group 'sg-0c7ede7102fa12bfa' does not exist (Service: AmazonEC2; Status Code: 400; Error Code: InvalidGroup.NotFound; Request ID: f55b860c-9730-480a-ab9e-4045f690f9c9)
- sg-050d386eb84bdfdf6f: resource sg-050d386eb84bdfdf6f has a dependent object (Service: AmazonEC2; Status Code: 400; Error Code: DependencyViolation; Request ID: 4cf28e5f-07a5-4de9-8326-3a9f913b0167)
- sg-0bb7b8530c14d8e7b | multi-docker: resource sg-0bb7b8530c14d8e7b has a dependent object (Service: AmazonEC2; Status Code: 400; Error Code: DependencyViolation; Request ID: 7ff43f9e-2022-4bbe-adb8-5bd66e8bd2bf)

**This means you may have to wait and come back while it's working on some attached resources**

OK

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3:26 / 5:05

Transcript

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Services

Resource Groups



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Global

Support

Search IAM

Add user

Delete user



Find users by username or access key

Showing 11

Dashboard

Groups

Users

Roles

Policies

Identity providers

Account settings

Credential report

Encryption keys

User name	Groups	Access key age	Password age	Last activity	MFA
aws-ctrl	None	✓ 10 days	None	15 days	None
bbybrady@...	None	⚠ 195 days	187 days	8 days	Not e
blog-image...	None	⚠ 126 days	None	126 days	Not e
chromeless	chromeless	⚠ 203 days	None	35 days	Not e
eb-cli	None	✓ 20 days	None	20 days	Not e
ELB	None	⚠ 167 days	None	107 days	Not e
image_buck...	None	⚠ 191 days	None	189 days	Not e
multi-docke...	None	✓ Today	None	Today	Not e
PicsWebUser	None	⚠ 343 days	None	343 days	Not e
serverless	None	⚠ 537 days	None	209 days	Not e



Feedback

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## Delete user



Search IAM

Dashboard

Groups

**Users**

Roles

Policies

Identity providers

Account settings

Credential report

Encryption keys

The following users will be permanently deleted, including all user data, user security credentials, and user inline policies.

Deleted user data cannot be recovered. Are you sure that you want to delete the following users?

User name	Last activity
multi-docker-deployer	2 hours ago

Note: recent activity usually appears within 4 hours. Access Advisor tracking began on Oct 1, 2015.



One or more of these users have recently accessed AWS. Deleting them could affect running systems. Check the box to confirm that you want to delete these users.

Cancel

Yes, delete

 PicsWebUser None

⚠ 343 days

None

343 days

Not e

 serverless None

❗ 537 days

None

209 days

Not e