

Basic details

Security group name [Info](#)

SSH Security Group

Name cannot be edited after creation.

Description [Info](#)

SSH Security Group

VPC [Info](#)



vpc-0b3443802a0cc7c3e (Demo VPC)
10.0.0.0/16

vpc-041036603ad4568e2
172.31.0.0/16

(default)

Inbound rules [Info](#)

Type [Info](#)

SSH

Protocol [Info](#)

TCP

Port range [Info](#)

22

Source [Info](#)

Custom ▲

Custom

Anywhere-
IPv4

Anywhere-
IPv6

My IP

Add rule

Outbound rules [Info](#)

Security Groups (1/10) Info

Filter security groups

< 1 >

Actions

Export security groups to CSV

Create security group

	Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound
<input type="checkbox"/>	-	sg-015562bcad70f447a	launch-wizard-1	vpc-041036603ad4568e2	launch-wizard-1 create...	770118701104	1 Perm
<input type="checkbox"/>	-	sg-0139150df583dd322	Webserver Security Gr...	vpc-0b3443802a0cc7c3e	Webserver Security Gr...	770118701104	2 Perm
<input checked="" type="checkbox"/>	-	sg-09dcf44d3a2483a0e	EFS Security Group	vpc-0b3443802a0cc7c3e	EFS Security Group	770118701104	2 Perm
<input type="checkbox"/>	-	sg-0b5ebd983b97ee7a3	Database Security Group	vpc-0b3443802a0cc7c3e	Database Security Group	770118701104	1 Perm
<input type="checkbox"/>	-	sg-046c4260bcd1d568	efs-demo	vpc-041036603ad4568e2	Demo access	770118701104	2 Perm
<input type="checkbox"/>	-	sg-06c26e3fe37f10e2d	default	vpc-041036603ad4568e2	default VPC security gr...	770118701104	1 Perm

sg-09dcf44d3a2483a0e - EFS Security Group

Details

Inbound rules

Outbound rules

Tags

Inbound rules (2)

Manage tags

Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules Info

Security group rule ID	Type	Protocol	Port range	Source
sg-07d84d0611a856bd7	NFS	TCP	2049	Custom
sg-0ae57883ff6b08e0d	NFS	TCP	2049	Custom
-	SSH	TCP	22	Custom

0.0.0.0/0

0.0.0.0/8

0.0.0.0/16

0.0.0.0/24

0.0.0.0/32

::/0

::/16

::/32

::/48

::/64

Security Groups

SSH Security Group | sg-0bdc0575931ee498

Description - optional

Delete

Delete

Delete

Security Groups (1/10) Info

Filter security groups

< 1 >

Actions

Export security groups to CSV

Create security group

	Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound
<input type="checkbox"/>	-	sg-0bdc0575931ee498	SSH Security Group	vpc-0b3443802a0cc7c3e	SSH Security Group	770118701104	1 Permi
<input type="checkbox"/>	-	sg-0fba93ccaa1d74a12	default	vpc-0b3443802a0cc7c3e	default VPC security gr...	770118701104	1 Permi
<input type="checkbox"/>	-	sg-015562bcad70f447a	launch-wizard-1	vpc-041036603ad4568e2	launch-wizard-1 create...	770118701104	1 Permi
<input checked="" type="checkbox"/>	-	sg-0139150df583dd322	Webserver Security Gr...	vpc-0b3443802a0cc7c3e	Webserver Security Gr...	770118701104	2 Permi
<input type="checkbox"/>	-	sg-09dcf44d3a2483a0e	EFS Security Group	vpc-0b3443802a0cc7c3e	EFS Security Group	770118701104	3 Permi

sg-0139150df583dd322 - Webserver Security Group

Details

Inbound rules

Outbound rules

Tags

Inbound rules (2)

Manage tags

Edit inbound rules

EC2 > Security Groups > sg-0139150df583dd522 - Webserver Security Group > Edit inbound rules

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info
sgr-0fb5114f7b2dd364f	HTTPS	TCP	443	Custom	<input type="text"/> Delete
sgr-0c2e6a5d1cfe327b	HTTP	TCP	80	Custom	<input type="text"/> Delete
-	SSH	TCP	22	Custom	<input type="text"/> Delete

[Add rule](#)

0.0.0.0/0
0.0.0.0/8
0.0.0.0/16
0.0.0.0/24
0.0.0.0/32
::/0
::/16
::/32
::/48
::/64

Security Groups

SSH Security Group | sg-0bcdc0575931ee498
default | sg-

Create Setup-server on EC2

Name and tags [Info](#)

Name

[Add additional tags](#)


▼ Application and OS Images (Amazon Machine Image) [Info](#)


An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

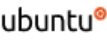
 Search our full catalog including 1000s of application and OS images


Recents


Quick Start


Amazon Linux



macOS


Ubuntu


Windows


Red Hat


S



[Browse more AMIs](#)
Including AMIs from
AWS, Marketplace and
the Community

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type
ami-05842f1afbf311a43 (64-bit (x86)) / ami-0802f85fb31bde94a (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible ▼

▼ **Instance type** [Info](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Linux pricing: 0.0116 USD per Hour

On-Demand SUSE pricing: 0.0116 USD per Hour

On-Demand Windows pricing: 0.0162 USD per Hour

On-Demand RHEL pricing: 0.0716 USD per Hour

☒ All generations

[Compare instance types](#)

▼ **Key pair (login)** [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

myec2key

 [Create new key pair](#)

▼ Network settings [Info](#)

VPC - required [Info](#)

vpc-0b3443802a0cc7c3e (Demo VPC)
10.0.0.0/16



Subnet [Info](#)

subnet-0a661b5026d462dc0
VPC: vpc-0b3443802a0cc7c3e Owner: 770118701104 Availability Zone: us-east-2a
IP addresses available: 250 CIDR: 10.0.0.0/24

Public Subnet 1



[Create new subnet](#)

Auto-assign public IP [Info](#)

Enable

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☐ Create security group

☒ Select existing security group

Common security groups [Info](#)

Select security groups

SSH Security Group sg-0bcd0575931ee498 ✕
VPC: vpc-0b3443802a0cc7c3e

ALB Security Group sg-0d73ffb2b173f790a ✕
VPC: vpc-0b3443802a0cc7c3e

Webserver Security Group sg-0139150df583dd322 ✕
VPC: vpc-0b3443802a0cc7c3e



[Compare security group rules](#)

Instances (1/1) [Info](#)



Connect

Instance state ▼

Actions ▼

Launch instances



Find instance by attribute or tag (case-sensitive)

< 1 > ⚙

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input checked="" type="checkbox"/>	Setup-server	i-0c1b3de8e19b18971	Running	t2.micro	-	No alarms +	us-east-2a	ec2-3-144-20-86.us-eas...

Instance: i-0c1b3de8e19b18971 (Setup-server)



[Details](#) [Security](#) [Networking](#) [Storage](#) [Status checks](#) [Monitoring](#) [Tags](#)

▼ Instance summary [Info](#)

Instance ID
i-0c1b3de8e19b18971 (Setup-server)

IPv6 address
-

Public IPv4 address
3.144.20.86 | [open address](#)

Instance state
Running

Private IPv4 addresses
10.0.0.250

Public IPv4 DNS
ec2-3-144-20-86.us-east-2.compute.amazonaws.com | [open address](#)

You can choose any SSH client that can connect SSH, for me is using MobaXterm.

SSH Telnet Rsh Xdmcp RDP VNC FTP SFTP Serial File Shell Browser Mosh Aws S3 WSL

Basic SSH settings

Remote host * 3.144.20.86

☒ Specify username ec2-user

Port 22

Advanced SSH settings

☒ X11-Forwarding ☒ Compression Remote environment: Interactive shell

Execute command:

SSH-browser type: SFTP protocol

☒ Use private key C:\Users\Admin\Desktop\myec2ke

☐ Do not exit after command ends

☐ Follow SSH path (experimental)

☐ Adapt locales on remote server

Execute macro at session start: <none>

OK Cancel

1.

Create the HTML directory and mount the EFS to it

```
sudo su
```

```
yum update -y
```

```
mkdir -p /var/www/html
```

Make sure change EFS mount

To change it, go to EFS, select My Application EFS, select "Attach"

Attach

Mount your Amazon EFS file system on a Linux instance. [Learn more](#)

☒ Mount via DNS ☐ Mount via IP

Using the EFS mount helper:

```
sudo mount -t efs -o tls fs-0f4ceeb356e19463e:/ efs
```

Using the NFS client:

```
sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsiz=1048576,hard,timeo=600,retrans=2,noresvport fs-0f4ceeb356e19463e.efs.us-east-2.amazonaws.com:/ efs
```

See our user guide for more information. [Learn more](#)

Close

The grey highlight is need to replace the command that has copy from EFS.

```
sudo mount -t nfs4 -o
```

```
nfsvers=4.1,rsize=1048576,wsiz=1048576,hard,timeo=600,retrans=2,noresvport
```

```
fs-0f4ceeb356e19463e.efs.us-east-2.amazonaws.com:/ /var/www/html
```

2.

Install Apache

```
sudo yum install -y httpd httpd-tools mod_ssl
```

```
sudo systemctl enable httpd
```

```
sudo systemctl start httpd
```

3

Install PHP 7.4

```
sudo amazon-linux-extras enable php7.4
```

```
sudo yum clean metadata
```

```
sudo yum install php php-common php-pear -y
```

```
sudo yum install php-{cgi,curl,mbstring,gd,mysqlnd,gettext,json,xml,fpm,intl,zip} -y
```

4

install MySQL 5.7

```
sudo rpm -Uvh https://dev.mysql.com/get/mysql57-community-release-el7-11.noarch.rpm
```

```
rpm --import https://repo.mysql.com/RPM-GPG-KEY-mysql-2022
```

```
sudo yum install mysql-community-server -y
```

```
sudo systemctl enable mysqld
```

```
sudo systemctl start mysqld
```

5

set permissions

```
sudo usermod -a -G apache ec2-user
```

```
sudo chown -R ec2-user:apache /var/www
```

```
sudo chmod 2775 /var/www && find /var/www -type d -exec sudo chmod 2775 {} \;
```

```
sudo find /var/www -type f -exec sudo chmod 0664 {} \;
```

```
chown apache:apache -R /var/www/html
```

6.

Download WordPress files

```
wget https://wordpress.org/latest.tar.gz
```

```
tar -xzf latest.tar.gz
```

```
cp -r wordpress/* /var/www/html/
```

7.

Create the wp-config.php file

```
cp /var/www/html/wp-config-sample.php /var/www/html/wp-config.php
```

8.

Edit the wp-config.php file

```
nano /var/www/html/wp-config.php
```



```
GNU nano 2.9.8 /var/www/html/wp-config.php

// ** Database settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define( 'DB_NAME', 'database_name_here' );

/** Database username */
define( 'DB_USER', 'username_here' );

/** Database password */
define( 'DB_PASSWORD', 'password_here' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The database collate type. Don't change this if in doubt. */
define( 'DB_COLLATE', '' );

^G Get Help  ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify    ^C Cur Pos
^X Exit      ^R Read File  ^\ Replace   ^U Uncut Text ^T To Spell   ^_ Go To Line
```

Connectivity & security

Monitoring

Logs & events

Configuration

Maintenance & backups

Tags

Connectivity & security

Endpoint & port

Endpoint

mysql57db.cquwcqvjrurvs.us-east-2.rds.amazonaws.com

Port

3306

Networking

Availability Zone

us-east-2a

VPC

Demo VPC (vpc-0b3443802a0cc7c3e)

Subnet group

database subnets

Subnets

subnet-0d0639b4cf1c40432

subnet-0a7cc68e4c47d8a1d

Network type

IPv4

Security

VPC security groups

Database Security Group (sg-0b5ebd983b97ee7a3)

Active

Publicly accessible

No

Certificate authority

rds-ca-2019

Certificate authority date

August 23, 2024, 01:08 (UTC+08:00)

DB instance certificate expiration date

August 23, 2024, 01:08 (UTC+08:00)

Connectivity & security	Monitoring	Logs & events	Configuration	Maintenance & backups	Tags
Instance					
<div>Configuration</div> <div>DB instance ID</div> <div>mysql57db</div> <div>Engine version</div> <div>5.7.42</div> <div>DB name</div> <div>applicationdb</div> <div>License model</div> <div>General Public License</div> <div>Option groups</div> <div>default:mysql-5-7 In sync</div> <div>Amazon Resource Name (ARN)</div> <div> arn:aws:rds:us-east-2:770118701104:db:mysql57db</div> <div>Resource ID</div> <div>db-MRLBRVYIDMVGAKYVALOYBMF3UQ</div>	<div>Instance class</div> <div>Instance class</div> <div>db.t2.micro</div> <div>vCPU</div> <div>1</div> <div>RAM</div> <div>1 GB</div> <div>Availability</div> <div>Master username</div> <div>dbadmin</div> <div>Master password</div> <div>*****</div> <div>IAM DB authentication</div> <div>Not enabled</div> <div>Multi-AZ</div> <div>No</div>	<div>Storage</div> <div>Encryption</div> <div>Not enabled</div> <div>Storage type</div> <div>General Purpose SSD (gp2)</div> <div>Storage</div> <div>20 GiB</div> <div>Provisioned IOPS</div> <div>-</div> <div>Storage throughput</div> <div>-</div> <div>Storage autoscaling</div> <div>Enabled</div> <div>Maximum storage threshold</div> <div>1000 GiB</div>	<div>Performance Insights</div> <div>Performance Insights enabled</div> <div>Turned off</div>		

```

GNU nano 2.9.8 /var/www/html/wp-config.php Modified

// ** Database settings - You can get this info from your web host ** //
/** The name of the database for wordpress */
define( 'DB_NAME', 'applicationdb' );

/** Database username */
define( 'DB_USER', 'dbadmin' );

/** Database password */
define( 'DB_PASSWORD', '*****' );

/** Database hostname */
define( 'DB_HOST', 'mysql57db.cquwcqvjruvz.us-east-2.rds.amazonaws.com' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The database collate type. Don't change this if in doubt. */
define( 'DB_COLLATE', '' );

/**#@+
^G Get Help      ^O Write Out    ^W Where Is     ^K Cut Text     ^J Justify      ^C Cur Pos
^X Exit          ^R Read File    ^\ Replace      ^U Uncut Text  ^T To Spell     ^_ Go To Line

```

9

Restart the webserver

service httpd restart

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

✓

Name

▼

Instance ID

Instance state

▼

Instance type

▼

Status check

✓

Setup-server

i-0c1b3de8e19b18971

✓

Running

🔍

🔍

t2.micro

-

Instance: i-0c1b3de8e19b18971 (Setup-server)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary Info

Instance ID

📄

i-0c1b3de8e19b18971 (Setup-server)

Public IPv4 address

📄

3.144.20.86 | [open address](#)

WordPress - Installation

Not secure | 3.144.20.86/wp-admin/install.php

Private (2)

Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title

cSeng

Username

cheeseng

Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password

0\$n0N668\$gAigQ0)Ui

Strong

Important: You will need this password to log in. Please store it in a secure location.

Your Email

cheesenglow9999@gmail.com

Double-check your email address before continuing.

Search engine visibility

☒ Discourage search engines from indexing this site

It is up to search engines to honor this request.

Install WordPress

Password: 0\$n0N668\$gAigQ0)Ui

Dashboard · cSeng — WordPress

Not secure | 3.144.20.86/wp-admin/

inPrivate (2)

Howdy, cheeseng

Dashboard

Home
Updates
Posts
Media
Pages
Comments
Appearance
Plugins
Users
Tools
Settings
Collapse menu

Dashboard

Screen OptionsHelp

Welcome to WordPress!

[Learn more about the 6.2.2 version.](#)

✕ Dismiss

Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.

[Add a new page](#)

Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)

Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

Site Health Status

No information yet...

Site health checks will automatically run periodically to gather information about your site. You can also [visit the Site Health screen](#) to gather information about your site now.

Quick Draft

Title

Content