



## Sign in

☒ **Root user**

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☐ **IAM user**

User within an account that performs daily tasks. [Learn more](#)

Root user email address

username@example.com

Next

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New to AWS?

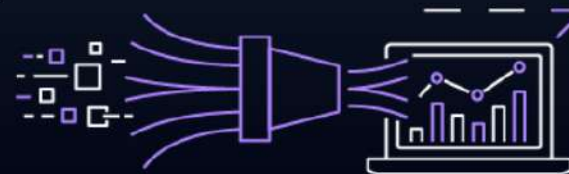
Create a new AWS account

### ANALYTICS

# Amazon Kinesis Data Firehose

Prepare and load real-time data streams into data stores and analytics tools

[Learn more >](#)





## Root user sign in ⓘ

Email: yadneshwani.official@gmail.com

Password

[Forgot password?](#)

**Sign in**

[Sign in to a different account](#)

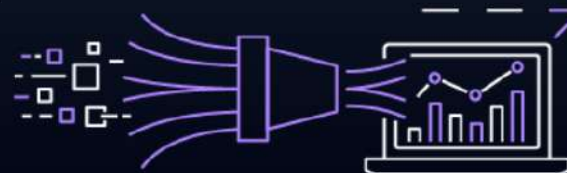
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ANALYTICS

# Amazon Kinesis Data Firehose

Prepare and load real-time data streams into data stores and analytics tools

[Learn more >](#)



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## Console Home [Info](#)

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-  [VPC](#)
-  [IAM Identity Center \(successor to AWS Single ...\)](#)
-  [AWS Application Migration Service](#)

[View all services](#)

### Welcome to AWS



#### [Getting started with AWS](#)

Learn the fundamentals and find valuable information to get the most out of AWS.



#### [Training and certification](#)

Learn from AWS experts and advance your skills and knowledge.



#### [What's new with AWS?](#)

Discover new AWS services, features, and Regions.

### AWS Health [Info](#)

Open issues

0

Past 7 days

### Cost and usage [Info](#)

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us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/home

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Identity and Access Management (IAM)

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Service control policies (SCPs)

IAM dashboard

Security recommendations 1

Add MFA for root user

Add MFA for root user - Enable multi-factor authentication (MFA) for the root user to improve security for this account.

Add MFA

Root user has no active access keys

Using access keys attached to an IAM user instead of the root user improves security.

IAM resources

User groups	Users	Roles	Policies	Identity providers
1	1	2	0	0

What's new

Updates for features in IAM

Advanced Notice: Amazon S3 will automatically enable S3 Block Public Access and disable access control lists for all new buckets starting in April 2023. 5 months ago

AWS IAM Identity Center now supports session management capabilities for AWS Command Line Interface (AWS CLI) and SDKs. 6 months ago

AWS Lambda announces support for Attribute-Based Access Control (ABAC) in AWS GovCloud (US) Regions.. 6 months ago

Amazon ElastiCache simplifies password rotations with Secrets Manager. 6 months ago

more

AWS Account

Account ID

229884020871

Account Alias

229884020871 Create

Sign-in URL for IAM users in this account

https://229884020871.signin.aws.amazon.com/console

Quick Links

My security credentials

Manage your access keys, multi-factor authentication (MFA) and other credentials.

Tools

Policy simulator

The simulator evaluates the policies that you choose and determines the effective permissions for each of the actions that you specify.

Web identity federation playground

CloudShell

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Identity and Access Management (IAM)

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IAM > User groups

User groups (1) Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	TestGroup	Loading	Loading	13 minutes ago

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us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/groups/create

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Service control policies (SCPs)

IAM > User groups > Create user group

Create user group

Name the group

User group name

Enter a meaningful name to identify this group.

TestGroup2

Maximum 128 characters. Use alphanumeric and '+-.,@\_-' characters.

Add users to the group - Optional (1) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

User name

Groups

Last activity

Creation time

Yadnesh

1

None

12 minutes ago

Attach permissions policies - Optional (843) Info

Create policy

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Attach permissions policies - *Optional* (Selected 1/843) Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter.

1234567...43

	Policy name	Type	Description
<input checked="" type="checkbox"/>	AdministratorAccess	AWS managed - job function	Provides full access to A
<input type="checkbox"/>	PowerUserAccess	AWS managed - job function	Provides full access to A
<input type="checkbox"/>	ReadOnlyAccess	AWS managed - job function	Provides read-only acces
<input type="checkbox"/>	AWSCloudFormationReadOnlyAccess	AWS managed	Provides access to AWS
<input type="checkbox"/>	CloudFrontFullAccess	AWS managed	Provides full access to th
<input type="checkbox"/>	AWSCloudHSMFullAccess	AWS managed	Provides full access to al
<input type="checkbox"/>	AWSCloudHSMReadOnlyAccess	AWS managed	Provides read only acces
<input type="checkbox"/>	ResourceGroupsandTagEditorFullAccess	AWS managed	Provides full access to R
<input type="checkbox"/>	ResourceGroupsandTagEditorReadOnlyAccess	AWS managed	Provides access to use F
<input type="checkbox"/>	CloudFrontReadOnlyAccess	AWS managed	Provides access to Clou
<input type="checkbox"/>	CloudSearchFullAccess	AWS managed	Provides full access to th

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TestGroup2 user group created.

View group

IAM > User groups

User groups (2) Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

Refresh

Delete

Create group

<input type="checkbox"/>	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	TestGroup	Loading	Loading	14 minutes ago
<input type="checkbox"/>	TestGroup2	Loading	Defined	Now

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IAM > Users

Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

< 1 >

User nameGroupsLast activityMFAPassword ageActive key age

YadneshNone

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IAM > Users > Create user

Step 1  
Specify user details

Step 2  
Set permissions

Step 3  
Review and create

## Specify user details

### User details

User name

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ \_ - (hyphen)

- ☐ Provide user access to the AWS Management Console - *optional*  
If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.

 If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. [Learn more](#)

Cancel

Next

Step 1  
Specify user details

Step 2  
Set permissions

Step 3  
Review and create

Step 4  
Retrieve password

## Specify user details

### User details

User name

TestUser

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ \_ - (hyphen)

- ☒ Provide user access to the AWS Management Console - *optional*  
If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.



#### Are you providing console access to a person?

- ☐ Specify a user in Identity Center - Recommended  
We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.
- ☒ I want to create an IAM user  
We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

- ☒ Autogenerated password  
You can view the password after you create the user.
- ☐ Custom password  
Enter a custom password for the user.

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us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/users/create

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Are you providing console access to a person?

☐ Specify a user in Identity Center - Recommended

We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.

☒ I want to create an IAM user

We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

☐ Autogenerated password

You can view the password after you create the user.

☒ Custom password

Enter a custom password for the user.

.....

• Must be at least 8 characters long

• Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # \$ % ^ & \* ( ) \_ + - (hyphen) = [ ] { } | ' "

☐ Show password

☒ Users must create a new password at next sign-in (recommended).

Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. [Learn more](#)

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Step 1  
Specify user details

Step 2  
Set permissions

Step 3  
Review and create

Step 4  
Retrieve password

## Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

### Permissions options

☒ Add user to group

Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

☐ Copy permissions

Copy all group memberships, attached managed policies, and inline policies from an existing user.

☐ Attach policies directly

Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

### User groups (1/2)

Search groups



Create group

< 1 > ⚙

<input checked="" type="checkbox"/>	Group name	Users	Attached policies	Created
<input type="checkbox"/>	TestGroup	1	AdministratorAccess	2023-05-07 (14 minutes ago)
<input checked="" type="checkbox"/>	TestGroup2	0	AdministratorAccess	2023-05-07 (Now)

### ► Permissions boundary - optional

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more](#)

Step 1  
[Specify user details](#)

Step 2  
[Set permissions](#)

Step 3  
**Review and create**

Step 4  
[Retrieve password](#)

## Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

### User details

User name	Console password type	Require password reset
TestUser	Custom password	Yes

### Permissions summary

< 1 >

Name	Type	Used as
<a href="#">TestGroup2</a>	Group	Permissions group
<a href="#">IAMUserChangePassword</a>	AWS managed	Permissions policy

### Tags - optional

Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

 **User created successfully**  
You can view and download the user's password and email instructions for signing in to the AWS Management Console.

View user

IAM > Users > Create user

Step 1  
Specify user details

Step 2  
Set permissions

Step 3  
Review and create

Step 4  
**Retrieve password**

## Retrieve password

You can view and download the user's password below or email users instructions for signing in to the AWS Management Console. This is the only time you can view and download this password.

### Console sign-in details

Email sign-in instructions 

Console sign-in URL

 <https://229884020871.signin.aws.amazon.com/console>

User name

 TestUser

Console password

 \*\*\*\*\* [Show](#)

Download .csv file

Return to users list

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us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#Home:

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VPC dashboard

EC2 Global View

Filter by VPC:

Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Security

Network ACLs

Security groups

Create VPC

Launch EC2 Instances

Note: Your Instances will launch in the US East region.

Resources by Region

You are using the following Amazon VPC resources

VPCs

See all regions

US East 3

NAT Gateways

See all regions

US East 0

Subnets

See all regions

US East 10

VPC Peering Connections

See all regions

US East 0

Route Tables

See all regions

US East 6

Network ACLs

See all regions

US East 3

Internet Gateways

See all regions

US East 2

Security Groups

See all regions

US East 5

Egress-only Internet Gateways

See all regions

US East 0

Customer Gateways

See all regions

US East 0

DHCP option sets

See all regions

US East 1

Virtual Private Gateways

See all regions

US East 0

Elastic IPs

See all regions

US East 0

Site-to-Site VPN Connections

See all regions

US East 0

Service Health

View complete service health details

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VPC Documentation

All VPC Resources

Forums

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AWS Network Manager

AWS Network Manager provides tools and features to help you manage and monitor your network on AWS. Network Manager makes it easier to perform connectivity management, network monitoring and troubleshooting, IP management, and network security and governance.

Get started with Network Manager

Site-to-Site VPN Connections

Amazon VPC enables you to use your own isolated resources within the AWS

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Create VPC

Launch EC2 Instances

Note: Your Instances will launch in the US East region.

Resources by Region

Refresh Resources

You are using the following Amazon VPC resources

VPCs

Only this region

Asia Pacific (Mumbai)

Europe (Stockholm)

Europe (Paris)

Europe (London)

Europe (Ireland)

Asia Pacific (Osaka)

Asia Pacific (Seoul)

Asia Pacific (Tokyo)

Canada (Central)

South America (São Paulo)

Asia Pacific (Singapore)

Asia Pacific (Sydney)

Europe (Frankfurt)

US East (N. Virginia)

US East (Ohio)

US West (N. California)

US West (Oregon)

NAT Gateways

See all regions

VPC Peering Connections

See all regions

Network ACLs

See all regions

Security Groups

See all regions

Customer Gateways

See all regions

Virtual Private Gateways

See all regions

Site-to-Site VPN Connections

See all regions

Service Health

View complete service health details

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Get started with Network Manager

Site-to-Site VPN Connections

Amazon VPC enables you to use your own isolated resources within the AWS

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#vpcs:

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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#vpcs:

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Filter by VPC:

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Your VPCs (1) Info

Filter VPCs

	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP
<input type="checkbox"/>	-	vpc-05b79c1fdeacefb35	Available	172.31.0.0/16	-	dopt-0...

Select a VPC above

Refresh

Actions

Create VPC

1

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### IPv4 CIDR block [Info](#)

- ☒ IPv4 CIDR manual input  
☐ IPAM-allocated IPv4 CIDR block

#### IPv4 CIDR

192.168.1.0/24

### IPv6 CIDR block [Info](#)

- ☒ No IPv6 CIDR block  
☐ IPAM-allocated IPv6 CIDR block  
☐ Amazon-provided IPv6 CIDR block  
☐ IPv6 CIDR owned by me

### Tenancy [Info](#)

Default

## Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

#### Key

#### Value - optional

Q Name X Q TestVPC X Remove

Add new tag

You can add 49 more tags.

Cancel

Create VPC



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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#VpcDetails:VpcId=vpc-0088feaf21451912

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VPC dashboard

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Filter by VPC:

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You successfully created vpc-0088feaf21451912 / TestVPC

VPC > Your VPCs > vpc-0088feaf21451912

vpc-0088feaf21451912 / TestVPC

Actions

Details Info

VPC ID	State	DNS hostnames	DNS resolution
vpc-0088feaf21451912	Available	Disabled	Enabled
Tenancy	DHCP option set	Main route table	Main network ACL
Default	dopt-08e0d70a3e98337fd	rtb-07272b0d7d755b2ee	acl-01e8136ba93808485
Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR (Network border group)
No	192.168.1.0/24	-	-
Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID	
Disabled	-	229884020871	

Resource map New

CIDRs

Flow logs

Tags

Resource map Info

VPC Show details

Your AWS virtual network

Subnets (0)

Subnets within this VPC

Route tables (1)

Route network traffic to resources

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New EC2 Experience Tell us what you think

EC2 Dashboard

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EC2 Global view

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

Instances (running)	0	Auto Scaling Groups	0	Dedicated Hosts	0
Elastic IPs	0	Instances	0	Key pairs	0
Load balancers	0	Placement groups	0	Security groups	2
Snapshots	0	Volumes	0		

ⓘ Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#)

×

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance

Migrate a server

Note: Your instances will launch in the Asia Pacific (Mumbai) Region

Service health

AWS Health Dashboard

Region

Asia Pacific (Mumbai)

Status

✓ This service is operating normally

Account attributes

Supported platforms

VPC

Default VPC

vpc-05b79c1fdeacefb35

Settings

EBS encryption

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Amazon GuardDuty Malware Protection

GuardDuty now provides agentless malware detection in Amazon EC2 & EC2 container workloads. [Learn](#)

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Launch instance

Launch instance

Launch instance from template

Launch instance

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Launch an instance [Info](#)Name and tags [Info](#)

e.g. My Web Server

Add additional tags

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

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

## Quick Start

Amazon  
Linux

macOS

Ubuntu

## Windows

Red Hat

S

[Browse more AMIs](#)Number of instances [Info](#)

1

### Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...[read more](#)  
ami-0b08bfc6ff7069aff

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

### Storage (volumes)

1 volume(s) - 8 GiB

**Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier

Cancel

### Launch instance

## Review commands



# Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

## 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.

### Quick Start



Amazon Linux



macOS



Ubuntu



Windows



Red Hat



S

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

## Summary

Number of instances [Info](#)

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Amazon Linux 2023 AMI 2023.0.2...[read more](#)  
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[Cancel](#)

[Launch instance](#)

[Review commands](#)

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MyFirstWebServer

[Add additional tags](#)

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### Quick Start

Amazon Linux  
aws

macOS  
Mac

Ubuntu  
ubuntu

Windows  
Microsoft

Red Hat  
Red Hat

S

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## Summary

Number of instances [Info](#)

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Cancel

Launch instance

[Review commands](#)

Key pair name – required

Select

Create new key pair

Summary

Please choose a key pair or choose the option to proceed with a key pair.

Network settings Info

Network Info

vpc-05b79c1fdeacefb35

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

Firewall (security groups) Info

Create security group

Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

☒ Allow SSH traffic from

Anywhere

0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

Create key pair

We noticed that you didn't select a key pair. If you want to be able to connect to your instance it is recommended that you create one.

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Create new key pair

Proceed without key pair

Note that you will not be able to connect to this instance unless you already know the password built into this AMI.

Cancel

Proceed without key pair

## Network settings Info

Edit

### Network Info

vpc-05b79c1fdeacefb35

### Subnet Info

No preference (Default subnet in any availability zone)

### 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

We'll create a new security group called 'launch-wizard-1' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

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0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

**Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.**

## Summary

Number of instances Info

1

### Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...read more

ami-0b08bfc6ff7069aff

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Cancel

Launch instance

Review commands



# Launching instance

Please wait while we launch your instance.  
Do not close your browser while this is loading.







▼ Launch log

Initializing requests	Succeeded
Creating security groups	Succeeded
Creating security group rules	Succeeded
Launch initiation	Succeeded

## Next Steps

< 1 2 3 4 5 6 >

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

## Connect to your instance

Once your instance is running, log into it from your local computer.

[Connect to instance](#) 

## Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

[Connect an RDS database](#) 

### Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

[Create EBS snapshot policy](#) 