

# Elastic-Beanstalk-Assignment

Compute

# Amazon Elastic Beanstalk

## End-to-end web application management.

Amazon Elastic Beanstalk is an easy-to-use service for deploying and scaling web applications and services developed with Java, .NET, PHP, Node.js, Python, Ruby, Go, and Docker on familiar servers such as Apache, Nginx, Passenger, and IIS.

### Get started

Easily deploy your web application in minutes.

Create application

### Get started

You simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, and automatic scaling to web application health monitoring, with ongoing fully managed patch and security updates. [Learn more](#)

### Benefits and features

#### Easy to get started

Elastic Beanstalk is the simplest way to deploy and run your web application on Amazon Web Services. Elastic Beanstalk automatically handles the deployment details of capacity provisioning, load balancing, automatic scaling, and web application

#### Complete resource control

You have the freedom to select the Amazon Web Services resources, such as Amazon EC2 instance types, that are optimal for your web application. Additionally, Elastic Beanstalk lets you manage and retain full control over the Amazon Web Services

### Pricing

There's no additional charge for Elastic Beanstalk. You pay for Amazon Web Services resources that we create to store and run your web application, like Amazon S3 buckets and Amazon EC2 instances.

### Getting started

[Launch a web application](#)

### More resources

Elastic Beanstalk

Applications

Environments

Change history

Recent environments

MyEBSAssignment-env

Elastic Beanstalk > Applications

Applications (1) Info

Filter results matching the display value

Application name	Environments	Date created	Last modified	ARN
MYEBSASSIGNMENT1	-	April 28, 2024 19:18:36 (UTC+5:30)	April 28, 2024 19:18:36 (UTC+5:30)	arn:a...

Step 1

Configure environment

Step 2

Configure service access

Step 3 - optional

Set up networking, database, and tags

Step 4 - optional

Configure instance traffic and scaling

Step 5 - optional

Configure updates, monitoring, and logging

Step 6

Review

Configure environment Info

Environment tier Info

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.

☒ 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

Application information Info

Application name

myEBSAssignment1

Maximum length of 100 characters.

Application tags (optional)

Environment information Info

Choose the name, subdomain and description for your environment. These cannot be changed later.

Environment name

MyEBSAssignment1-env

Must be from 4 to 40 characters in length. The name can contain only letters, numbers, and hyphens. It can't start or end with a hyphen. This name must be unique within a region in your account.

Domain

Leave blank for autogenerated value.us-east-1.elasticbeanstalk.com

Check availability

Environment description

Dev

## Platform [Info](#)

### Platform type

- ☒ Managed platform  
Platforms published and maintained by Amazon Elastic Beanstalk. [Learn more](#)
- ☐ Custom platform  
Platforms created and owned by you. This option is unavailable if you have no platforms.

### Platform

PHP ▼

### Platform branch

PHP 8.2 running on 64bit Amazon Linux 2023 ▼

### Platform version

4.1.2 (Recommended) ▼

## Application code [Info](#)

- ☒ Sample application
- ☐ Existing version  
Application versions that you have uploaded.
- ☐ Upload your code  
Upload a source bundle from your computer or copy one from Amazon S3.

## Presets [Info](#)

Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.

### Configuration presets

- ☒ Single instance (free tier eligible)
- ☐ Single instance (using spot instance)
- ☐ High availability
- ☐ High availability (using spot and on-demand instances)
- ☐ Custom configuration

[Cancel](#)

[Next](#)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

External access

Unused access

Analyzer settings

Credential report

Organization activity

Service control policies

Related consoles

[IAM Identity Center](#)

[AWS Organizations](#)

# 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.
- Root user has no active access keys

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

## IAM resources

Resources in this AWS Account

User groups	Users	Roles	Policies	Identity providers
0	0	14	0	0

## What's new

Updates for features in IAM

- [IAM Access Analyzer now simplifies inspecting unused access to guide you toward least privilege. 5 months ago](#)
- [IAM Access Analyzer introduces custom policy checks powered by automated reasoning. 5 months ago](#)
- [Announcing AWS IAM Identity Center APIs for visibility into workforce access to AWS. 5 months ago](#)
- [New organization-wide IAM condition keys to restrict AWS service-to-service requests. 6 months ago](#)

more

## AWS Account

Account ID  
866650389532

Account Alias  
[Create](#)

Sign-in URL for IAM users in this account  
<https://866650389532.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.

## Additional information

Step 1

Select trusted entity

Step 2

Add permissions

Step 3

Name, review, and create

# Select trusted entity [Info](#)

## Trusted entity type



AWS service

Allow AWS services like EC2, Lambda, or others to perform actions in this account.



AWS account

Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.



Web identity

Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.



SAML 2.0 federation

Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.



Custom trust policy

Create a custom trust policy to enable others to perform actions in this account.

## Use case

Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

Service or use case

EC2



Choose a use case for the specified service.

Use case



EC2

Allows EC2 instances to call AWS services on your behalf.



EC2 Role for AWS Systems Manager

Allows EC2 instances to call AWS services like CloudWatch and Systems Manager on your behalf.



EC2 Spot Fleet Role

Allows EC2 Spot Fleet to request and terminate Spot Instances on your behalf.



EC2 - Spot Fleet Auto Scaling

Allows Auto Scaling to access and update EC2 spot fleets on your behalf.



EC2 - Spot Fleet Tagging

Allows EC2 to launch spot instances and attach tags to the launched instances on your behalf.



EC2 - Spot Instances

Allows EC2 Spot Instances to launch and manage spot instances on your behalf.



EC2 - Spot Fleet

Allows EC2 Spot Fleet to launch and manage spot fleet instances on your behalf.



EC2 - Scheduled Instances

Allows EC2 Scheduled Instances to manage instances on your behalf.

Cancel

Next

## Add permissions Info

**Permissions policies (1/922)** Info

Choose one or more policies to attach to your new role.

Q

Search

Filter by Type

All types

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1

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3

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47

>

<div><div></div><div></div></div>	Policy name <small>🔗</small>	Type	Description
<input checked="" type="checkbox"/>	<div><div></div><div>AdministratorAccess</div></div>	AWS managed - job function	Provides full access to AWS services and resources.
<input type="checkbox"/>	<div><div></div><div>AdministratorAccess-Amplify</div></div>	AWS managed	Grants account administrative permissions while explicitly allowing direct access to resources needed by Amplify applications.
<input type="checkbox"/>	<div><div></div><div>AdministratorAccess-AWSElasticBeanstalk</div></div>	AWS managed	Grants account administrative permissions. Explicitly allows developers and administrators to gain direct access to resources they need to manage AWS Elastic ...
<input type="checkbox"/>	<div><div></div><div>AlexaForBusinessDeviceSetup</div></div>	AWS managed	Provide device setup access to AlexaForBusiness services
<input type="checkbox"/>	<div><div></div><div>AlexaForBusinessFullAccess</div></div>	AWS managed	Grants full access to AlexaForBusiness resources and access to related AWS Services
<input type="checkbox"/>	<div><div></div><div>AlexaForBusinessGatewayExecution</div></div>	AWS managed	Provide gateway execution access to AlexaForBusiness services
<input type="checkbox"/>	<div><div></div><div>AlexaForBusinessLifesizeDelegatedAccessPolicy</div></div>	AWS managed	Provide access to Lifesize AVS devices
<input type="checkbox"/>	<div><div></div><div>AlexaForBusinessPolyDelegatedAccessPolicy</div></div>	AWS managed	Provide access to Poly AVS devices
<input type="checkbox"/>	<div><div></div><div>AlexaForBusinessReadOnlyAccess</div></div>	AWS managed	Provide read only access to AlexaForBusiness services
<input type="checkbox"/>	<div><div></div><div>AmazonAPIGatewayAdministrator</div></div>	AWS managed	Provides full access to create/edit/delete APIs in Amazon API Gateway via the AWS Management Console.
<input type="checkbox"/>	<div><div></div><div>AmazonAPIGatewayInvokeFullAccess</div></div>	AWS managed	Provides full access to invoke APIs in Amazon API Gateway.
<input type="checkbox"/>	<div><div></div><div>AmazonAPIGatewayPushToCloudWatchLogs</div></div>	AWS managed	Allows API Gateway to push logs to user's account.
<input type="checkbox"/>	<div><div></div><div>AmazonAppFlowFullAccess</div></div>	AWS managed	Provides full access to Amazon AppFlow and access to AWS services supported as flow source or destination (S3 and Redshift). Also provides access to KMS for ...
<input type="checkbox"/>	<div><div></div><div>AmazonAppFlowReadOnlyAccess</div></div>	AWS managed	Provides read only access to Amazon Appflow flows
<input type="checkbox"/>	<div><div></div><div>AmazonAppStreamFullAccess</div></div>	AWS managed	Provides full access to Amazon AppStream via the AWS Management Console.
<input type="checkbox"/>	<div><div></div><div>AmazonAppStreamPCAAccess</div></div>	AWS managed	Amazon AppStream 2.0 access to AWS Certificate Manager Private CA in customer accounts for certificate-based authentication
<input type="checkbox"/>	<div><div></div><div>AmazonAppStreamReadOnlyAccess</div></div>	AWS managed	Provides read only access to Amazon AppStream via the AWS Management Console.
<input type="checkbox"/>	<div><div></div><div>AmazonAppStreamServiceAccess</div></div>	AWS managed	Default policy for Amazon AppStream service role.
<input type="checkbox"/>	<div><div></div><div>AmazonAthenaFullAccess</div></div>	AWS managed	Provide full access to Amazon Athena and scoped access to the dependencies needed to enable querying, writing results, and data management.
<input type="checkbox"/>	<div><div></div><div>AmazonAugmentedAIRFullAccess</div></div>	AWS managed	Provides access to perform all operations Amazon Augmented AI resources, including FlowDefinitions, HumanTaskUis and HumanLoops. Does not allow access ...

► Set permissions boundary - *optional*

Search IAM

Dashboard

Access management

User groups

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Organization activity

Service control policies

Related consoles

IAM Identity Center

AWS Organizations

Role MYEBSASSIGNMENT1 created.

View role

IAM > Roles

Roles (17)

Info

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.


Search

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	<a href="#">aws-elasticbeanstalk-service-role</a>	AWS Service: elasticbeanstalk	-
<input type="checkbox"/>	<a href="#">AWS-QuickSetup-StackSet-Local-AdministrationRole</a>	AWS Service: cloudformation	-
<input type="checkbox"/>	<a href="#">AWS-QuickSetup-StackSet-Local-ExecutionRole</a>	Account: 866650389532	-
<input type="checkbox"/>	<a href="#">AWSBackupDefaultServiceRole</a>	AWS Service: backup	3 hours ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForAmazonElasticFileSystem</a>	AWS Service: elasticfilesystem (Service-Linked Role)	39 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForApplicationAutoScaling_DynamoDBTable</a>	AWS Service: dynamodb.application-autoscaling	3 hours ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForAutoScaling</a>	AWS Service: autoscaling (Service-Linked Role)	26 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForBackup</a>	AWS Service: backup (Service-Linked Role)	8 hours ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForEc2InstanceConnect</a>	AWS Service: ec2-instance-connect (Service-Linked Role)	25 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForElasticLoadBalancing</a>	AWS Service: elasticloadbalancing (Service-Linked Role)	26 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForRDS</a>	AWS Service: rds (Service-Linked Role)	1 hour ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForRedshift</a>	AWS Service: redshift (Service-Linked Role)	28 minutes ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForSupport</a>	AWS Service: support (Service-Linked Role)	-
<input type="checkbox"/>	<a href="#">AWSServiceRoleForTrustedAdvisor</a>	AWS Service: trustedadvisor (Service-Linked Role)	-



## Configure service access [Info](#)

### Service access

IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. [Learn more](#) 

#### Service role

☒ Create and use new service role


☐ Use an existing service role

#### Service role name

Enter the name for an IAM role that Elastic Beanstalk will create to assume as a service role. Beanstalk will attach the required managed policies to it.

[View permission details](#)

#### EC2 key pair

Select an EC2 key pair to securely log in to your EC2 instances. [Learn more](#) 



#### EC2 instance profile

Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.

[View permission details](#)[Cancel](#)[Skip to review](#)[Previous](#)[Next](#)

Step 1

[Configure environment](#)

Step 2

[Configure service access](#)

Step 3 - optional

**Set up networking, database, and tags**

Step 4 - optional

[Configure instance traffic and scaling](#)

Step 5 - optional

[Configure updates, monitoring, and logging](#)

Step 6

[Review](#)

## Set up networking, database, and tags - optional [Info](#)

### Virtual Private Cloud (VPC)

#### VPC

Launch your environment in a custom VPC instead of the default VPC. You can create a VPC and subnets in the VPC management console.

[Learn more](#)

vpc-020050eeb89f650ee | (172.30.0.0/16)

[Create custom VPC](#)

### Instance settings

Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. [Learn more](#)

#### Public IP address

Assign a public IP address to the Amazon EC2 instances in your environment.

☒ Activated

#### Instance subnets

<input checked="" type="checkbox"/>	Availability Zone	Subnet	CIDR	Name
<input checked="" type="checkbox"/>	us-east-1e	subnet-0396a41ed...	172.30.4.0/24	
<input checked="" type="checkbox"/>	us-east-1c	subnet-0b5ca8404...	172.30.2.0/24	
<input checked="" type="checkbox"/>	us-east-1b	subnet-0c908789f...	172.30.1.0/24	
<input checked="" type="checkbox"/>	us-east-1a	subnet-0cd8f86e5...	172.30.0.0/24	
<input checked="" type="checkbox"/>	us-east-1d	subnet-0df06ea34...	172.30.3.0/24	
<input checked="" type="checkbox"/>	us-east-1f	subnet-0e7a6c12f...	172.30.5.0/24	

### Database [Info](#)

Integrate an RDS SQL database with your environment. [Learn more](#)

#### Database subnets

If your Elastic Beanstalk environment is attached to an Amazon RDS, choose subnets for your database instances. [Learn more](#)

#### Choose database subnets (6)

<input checked="" type="checkbox"/>	Availability Zone	Subnet	CIDR	Name
<input checked="" type="checkbox"/>	us-east-1e	subnet-0396a41ed...	172.30.4.0/24	
<input checked="" type="checkbox"/>	us-east-1c	subnet-0b5ca8404...	172.30.2.0/24	
<input checked="" type="checkbox"/>	us-east-1b	subnet-0c908789f...	172.30.1.0/24	
<input checked="" type="checkbox"/>	us-east-1a	subnet-0cd8f86e5...	172.30.0.0/24	
<input checked="" type="checkbox"/>	us-east-1d	subnet-0df06ea34...	172.30.3.0/24	
<input checked="" type="checkbox"/>	us-east-1f	subnet-0e7a6c12f...	172.30.5.0/24	

☐ Enable database

#### Restore a snapshot - optional

Restore an existing snapshot from a previously used database.

Snapshot

None

#### Database settings

Choose an engine and instance type for your environment's database.

Engine

Engine version

Instance class

Storage

Choose a number between 5 GB and 1024 GB.

GB

Username

Password

Availability

Low (one AZ)

Database deletion policy

This policy applies when you decouple a database or terminate the environment coupled to it.

- ☐ Create snapshot  
Elastic Beanstalk saves a snapshot of the database and then deletes it. You can restore a database from a snapshot when you add a DB to an Elastic Beanstalk environment or when you create a standalone database. You might incur charges for storing database snapshots.
- ☐ Retain  
The decoupled database will remain available and operational external to Elastic Beanstalk.
- ☐ Delete  
Elastic Beanstalk terminates the database. The database will no longer be available.

Tags

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

No tags associated with the resource.

Add new tag

You can add 50 more tags.

Cancel

Skip to review

Previous

Next

MyEBSAssignment1-env

Info

↺

Actions ▾

Upload and deploy

Environment overview


Health

✔ Ok

Domain

MyEBSAssignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com [↗](#)

Environment ID

 e-grxif3tn8a

Application name

myEBSAssignment1

Platform

Change version

Platform

PHP 8.2 running on 64bit Amazon Linux 2023/4.1.2

Running version

–

Platform state

✔ Supported

- Events
- Health
- Logs
- Monitoring
- Alarms
- Managed updates
- Tags

Events (10)

Info



🔍 Filter events by text, property or value

Time	Type	Details
April 29, 2024 19:58:58 (UTC+5:30)	INFO	Successfully launched environment: MyEBSAssignment1-env
April 29, 2024 19:58:56 (UTC+5:30)	INFO	Application available at MyEBSAssignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com.
April 29, 2024 19:58:42 (UTC+5:30)	INFO	Instance deployment completed successfully.
April 29, 2024 19:58:37 (UTC+5:30)	INFO	Instance deployment: You didn't include a 'composer.json' file in your source bundle. The deployment didn't install Composer dependencies.

# Events (12) [Info](#)



🔍 *Filter events by text, property or value*

< 1 > ⚙️

Time ▼	Type	Details
April 29, 2024 19:59:36 (UTC+5:30)	📘 INFO	Environment health has transitioned from Pending to Ok. Initialization completed 45 seconds ago and took 2 minutes.
April 29, 2024 19:59:36 (UTC+5:30)	📘 INFO	Added instance [i-092043004a9710384] to your environment.
April 29, 2024 19:58:58 (UTC+5:30)	📘 INFO	Successfully launched environment: MyEBSAssignment1-env
April 29, 2024 19:58:56 (UTC+5:30)	📘 INFO	Application available at MyEBSAssignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com.
April 29, 2024 19:58:42 (UTC+5:30)	📘 INFO	Instance deployment completed successfully.
April 29, 2024 19:58:37 (UTC+5:30)	📘 INFO	Instance deployment: You didn't include a 'composer.json' file in your source bundle. The deployment didn't install Composer dependencies.
April 29, 2024 19:58:18 (UTC+5:30)	📘 INFO	Waiting for EC2 instances to launch. This may take a few minutes.
April 29, 2024 19:57:37 (UTC+5:30)	📘 INFO	Environment health has transitioned to Pending. Initialization in progress (running for 39 seconds). There are no instances.
April 29, 2024 19:57:27 (UTC+5:30)	📘 INFO	Created EIP: 44.206.222.81
April 29, 2024 19:57:12 (UTC+5:30)	📘 INFO	Created security group named: sg-08f69a0bbbce7477
April 29, 2024 19:56:51 (UTC+5:30)	📘 INFO	Using elasticbeanstalk-us-east-1-866650389532 as Amazon S3 storage bucket for environment data.
April 29, 2024 19:56:50 (UTC+5:30)	📘 INFO	createEnvironment is starting.



# myEBSASSIGNMENT Info

Allows EC2 instances to call AWS services on your behalf.

Delete

## Summary




Edit

Creation date April 29, 2024, 19:48 (UTC+05:30)	ARN  arn:aws:iam::866650389532:role/myEBSASSIGNMENT	Instance profile ARN  arn:aws:iam::866650389532:instance-profile/myEBSASSIGNMENT
Last activity -	Maximum session duration 1 hour	

- Permissions
- Trust relationships
- Tags
- Access Advisor
- Revoke sessions

## Permissions policies (2/2) Info

You can attach up to 10 managed policies.

- 
- Simulate 
- Remove
- Add permissions 

Search

Filter by Type

All types

Policy name

Type

Attached entities

</

► Permissions boundary (not set)

# Congratulations!

Your AWS Elastic Beanstalk *PHP* application is now running on your own dedicated environment in the AWS Cloud

You are running PHP version 8.2.15

This environment is launched with Elastic Beanstalk PHP Platform

## What's Next?


- [AWS Elastic Beanstalk overview](#)
- [Deploying AWS Elastic Beanstalk Applications in PHP Using Eb and Git](#)
- [Using Amazon RDS with PHP](#)
- [Customizing the Software on EC2 Instances](#)
- [Customizing Environment Resources](#)

## AWS SDK for PHP


- [AWS SDK for PHP home](#)
- [PHP developer center](#)
- [AWS SDK for PHP on GitHub](#)


## Upload and deploy



 To deploy a previous version, go to the [Application versions page](#)

Upload application

 **Choose file**

 File name: **Lambda-Elastixc-Beanstalk-And-OpsWorks.zip**

File must be less than 500MB max file size

Version label

Unique name for this version of your application code.

myEBSAssignment1-version-1

Current number of EC2 instances: **1**

Cancel

Deploy



Elastic Beanstalk

Applications

Environments

Change history

► Application: myEBSAssignment1

▼ Environment: MyEBSAssignment1-env

Go to environment

Configuration

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

▼ Recent environments

MyEBSAssignment1-env

MyEBSAssignment-env

MyEBSAssignment1-env

Successfully uploaded file Lambda-Elastixc-Beanstalk-And-OpsWorks.zip to S3, created application version and started deployment with new application version

Elastic Beanstalk

Environments

MyEBSAssignment1-env

MyEBSAssignment1-env

Info

↺

Actions

Upload and deploy

Environment overview

Health

✓ Ok

Environment ID

e-grxif3tn8a

Domain

MyEBSAssignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com

Application name

myEBSAssignment1

Platform

Change version

Platform

PHP 8.2 running on 64bit Amazon Linux 2023/4.1.2

Running version

-

Platform state

✓ Supported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Events (13)

Info

↺

Q

Filter events by text, property or value

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Time	Type	Details
April 29, 2024 20:13:05 (UTC+5:30)	INFO	Environment update is starting.
April 29, 2024 19:59:36 (UTC+5:30)	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 45 seconds ago and took 2 minutes.
April 29, 2024 19:59:36 (UTC+5:30)	INFO	Added instance [i-092043004a9710384] to your environment.
April 29, 2024 19:58:58 (UTC+5:30)	INFO	Successfully launched environment: MyEBSAssignment1-env
April 29, 2024 19:58:56 (UTC+5:30)	INFO	Application available at MyEBSAssignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com

Elastic Beanstalk 

×

Applications

Environments

Change history

▶ Application: myEBSAssignment1

▼ Environment: MyEBSAssignment1-env

- Go to environment
- Configuration
- Events
- Health
- Logs
- Monitoring
- Alarms
- Managed updates
- Tags

▼ Recent environments

- MyEBSAssignment1-env
- MyEBSAssignment-env
- MyEBSAssignment1-env

✔ Successfully uploaded file Lambda-Elastixc-Beanstalk-And-OpsWorks.zip to S3, created application version and started deployment with new application version 

×

ℳ Elastic Beanstalk is updating your environment. To cancel this operation select **Abort Current Operation** from the Actions dropdown. 

×

Elastic Beanstalk > Environments > MyEBSAssignment1-env

MyEBSAssignment1-env 

Info

Actions ▾

Upload and deploy

Environment overview

Health

✔ Ok

Environment ID

e-grxif3tn8a

Domain

MyEBSAssignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com

Application name

myEBSAssignment1

Platform 

Change version

Platform

PHP 8.2 running on 64bit Amazon Linux 2023/4.1.2

Running version

–

Platform state

✔ Supported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

Events (16) 

Info

Q

Filter events by text, property or value

< 1 >

Time	Type	Details
April 29, 2024 20:13:35 (UTC+5:30)	ℹ INFO	Environment health has transitioned from Ok to Info. Application update in progress (running for 21 seconds).
April 29, 2024 20:13:32 (UTC+5:30)	ℹ INFO	Deploying new version to instance(s).
April 29, 2024 20:13:13 (UTC+5:30)	ℹ INFO	Updating environment MyEBSAssignment1-env's configuration settings.

×

## Change history

## Tags

MyEBSAssignment1-env



## Upload and deploy

[Change version](#)

 e-grxif3tn8a

myEBSAssignment1

✔ Supported

## Tags

○

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Time	Type	Details
April 29, 2024 20:14:02 (UTC+5:30)	INFO	Environment update completed successfully.
April 29, 2024 20:14:02 (UTC+5:30)	INFO	Successfully deployed new configuration to environment.
April 29, 2024 20:14:02 (UTC+5:30)	INFO	New application version was deployed to running EC2 instances.

# Lambda-Assignment

Identity and Access Management (IAM)

Search IAM

- Dashboard
- ▼ Access management
- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings
- ▼ Access reports
- Access Analyzer
- External access
- Unused access
- Analyzer settings
- Credential report
- Organization activity
- Service control policies

[IAM](#) > Roles

Roles (20) [Info](#)

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search



Delete

Create role

< 1 >

<input type="checkbox"/>	Role name ▲	Trusted entities	Last activity ▼
<input type="checkbox"/>	<a href="#">aws-elasticbeanstalk-service-role</a>	AWS Service: elasticbeanstalk	4 days ago
<input type="checkbox"/>	<a href="#">aws-elasticbeanstalk-service-role1</a>	AWS Service: elasticbeanstalk	5 days ago
<input type="checkbox"/>	<a href="#">aws-lambda-handons-role-nks0djqd</a>	AWS Service: lambda	-
<input type="checkbox"/>	<a href="#">aws-lambda-handson-role-08c393yz</a>	AWS Service: lambda	-
<input type="checkbox"/>	<a href="#">AWS-QuickSetup-StackSet-Local-AdministrationRole</a>	AWS Service: cloudformation	-
<input type="checkbox"/>	<a href="#">AWS-QuickSetup-StackSet-Local-ExecutionRole</a>	Account: 866650389532	-
<input type="checkbox"/>	<a href="#">AWSBackupDefaultServiceRole</a>	AWS Service: backup	5 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForAmazonElasticFileSystem</a>	AWS Service: elasticfilesystem (Servi	45 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForApplicationAutoScaling_DynamoDBTable</a>	AWS Service: dynamodb.application-	5 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForAutoScaling</a>	AWS Service: autoscaling (Service-Lir	4 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForBackup</a>	AWS Service: backup (Service-Linked	22 hours ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForEc2InstanceConnect</a>	AWS Service: ec2-instance-connect (!	31 days ago

Step 1

Select trusted entity

Step 2

Add permissions

Step 3

Name, review, and create

## Select trusted entity [Info](#)

### Trusted entity type

☒ AWS service

Allow AWS services like EC2, Lambda, or others to perform actions in this account.

☐ AWS account

Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.

☐ Web identity

Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

☐ SAML 2.0 federation

Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

☐ Custom trust policy

Create a custom trust policy to enable others to perform actions in this account.

### Use case

Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

Service or use case

Lambda

Choose a use case for the specified service.

Use case

☒ Lambda

Allows Lambda functions to call AWS services on your behalf.

Cancel

Next

# Add permissions [Info](#)

## Permissions policies (1/926) [Info](#)

Choose one or more policies to attach to your new role.

Filter by Type

All types

4 matches

< 1 >

	Policy name	Type	Description
<input checked="" type="checkbox"/>	<a href="#">AWSLambdaBasicExecutionRole</a>	AWS managed	
<input type="checkbox"/>	<a href="#">AWSLambdaBasicExecutionRole-16727744-ae3b-4a15-b1d0-ef3b995ef...</a>	Customer managed	
<input type="checkbox"/>	<a href="#">AWSLambdaBasicExecutionRole-c95527d0-8368-4e78-9a7e-2c7c25ab4...</a>	Customer managed	
<input type="checkbox"/>	<a href="#">AWSProtonCodeBuildProvisioningBasicAccess</a>	AWS managed	

► Set permissions boundary - *optional*

# Add permissions [Info](#)

Permissions policies (2/926) [Info](#)

Choose one or more policies to attach to your new role.

Q S3

X










Filter by Type

All types

9 matches

< 1 >

⚙

<div><div>☐</div><div>Policy name <a href="#">🔗</a></div></div>	<div><div>▲</div><div>Type</div><div>▼</div></div>	<div><div>▼</div><div>Description</div></div>
<div><div><div>☐</div><div>+</div><div> <a href="#">AmazonDMSRedshiftS3Role</a></div></div></div>	AWS managed	Provides access to manage S3 settings fo...
<div><div><div><input checked="" type="checkbox"/></div><div>+</div><div> <a href="#">AmazonS3FullAccess</a></div></div></div>	AWS managed	Provides full access to all buckets via the ...
<div><div><div>☐</div><div>+</div><div> <a href="#">AmazonS3ObjectLambdaExecutionRolePolicy</a></div></div></div>	AWS managed	Provides AWS Lambda functions permissi...
<div><div><div>☐</div><div>+</div><div> <a href="#">AmazonS3OutpostsFullAccess</a></div></div></div>	AWS managed	Provides full access to Amazon S3 on Out...
<div><div><div>☐</div><div>+</div><div> <a href="#">AmazonS3OutpostsReadOnlyAccess</a></div></div></div>	AWS managed	Provides read only access to Amazon S3 ...
<div><div><div>☐</div><div>+</div><div> <a href="#">AmazonS3ReadOnlyAccess</a></div></div></div>	AWS managed	Provides read only access to all buckets vi...
<div><div><div>☐</div><div>+</div><div> <a href="#">AWSBackupServiceRolePolicyForS3Backup</a></div></div></div>	AWS managed	Policy containing permissions necessary f...
<div><div><div>☐</div><div>+</div><div> <a href="#">AWSBackupServiceRolePolicyForS3Restore</a></div></div></div>	AWS managed	Policy containing permissions necessary f...
<div><div><div>☐</div><div>+</div><div> <a href="#">QuickSightAccessForS3StorageManagementAnalyticsReadOnly</a></div></div></div>	AWS managed	Policy used by QuickSight team to access...

► Set permissions boundary - optional

Cancel

Previous

Next



# Add permissions Info

## Permissions policies (3/926) Info

Choose one or more policies to attach to your new role.

ec2

×














Filter by Type

All types

31 matches

< 1 2 >

⚙

<input type="checkbox"/>	Policy name <a href="#">↗</a>	▲	Type	▼	Description
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerRegistryFullAccess</a>		AWS managed		Provides administrative access to Ama...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerRegistryPowerUser</a>		AWS managed		Provides full access to Amazon EC2 Co...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerRegistryReadOnly</a>		AWS managed		Provides read-only access to Amazon E...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerServiceAutoscaleRole</a>		AWS managed		Policy to enable Task Autoscaling for A...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerServiceEventsRole</a>		AWS managed		Policy to enable CloudWatch Events fo...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerServiceforEC2Role</a>		AWS managed		Default policy for the Amazon EC2 Rol...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ContainerServiceRole</a>		AWS managed		Default policy for Amazon ECS service ...
<input checked="" type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2FullAccess</a>		AWS managed		Provides full access to Amazon EC2 via...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2ReadOnlyAccess</a>		AWS managed		Provides read only access to Amazon E...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2RoleforAWSCodeDeploy</a>		AWS managed		Provides EC2 access to S3 bucket to do...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2RoleforAWSCodeDeployLimited</a>		AWS managed		Provides EC2 limited access to S3 buck...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2RoleforDataPipelineRole</a>		AWS managed		Default policy for the Amazon EC2 Rol...
<input type="checkbox"/>	<input type="checkbox"/>  <a href="#">AmazonEC2RoleforSSM</a>		AWS managed		This policy will soon be deprecated. Pl...

# Name, review, and create

## Role details

### Role name

Enter a meaningful name to identify this role.

LambdaHandsonassignment

Maximum 64 characters. Use alphanumeric and '+=, @-\_' characters.

### Description

Add a short explanation for this role.

Allows Lambda functions to call AWS services on your behalf.

Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: \_+=, @-/, \[{}!#\$%^&\*()~;"'<>`

## Step 1: Select trusted entities

Edit

## Trust policy

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Action": [
7         "sts:AssumeRole"
8       ],
9       "Principal": {
10        "Service": [
11          "lambda.amazonaws.com"
12        ]
13      }
14    ]
15  }
```

Step 2: Add permissions

Edit

Permissions policy summary

Policy name 	Type	Attached as
<a href="#">AmazonEC2FullAccess</a>	AWS managed	Permissions policy
<a href="#">AmazonS3FullAccess</a>	AWS managed	Permissions policy
<a href="#">AWSLambdaBasicExecutionRole</a>	AWS managed	Permissions policy

Step 3: Add tags

Add tags - optional [Info](#)

Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

LambdaHandsonassignment

Info

Delete

Allows Lambda functions to call AWS services on your behalf.

Summary

Edit

Creation date	ARN
April 29, 2024, 22:08 (UTC+05:30)	<div>arn:aws:iam::866650389532:role/LambdaHandsonassignment</div>
Last activity	Maximum session duration
-	1 hour

- Permissions
- Trust relationships
- Tags
- Access Advisor
- Revoke sessions

Permissions policies (3)

Info

Simulate

Remove

Add permissions

You can attach up to 10 managed policies.

Search

Filter by Type

All types

< 1 >

<input type="checkbox"/>	Policy name	Type	Attached entities
<input type="checkbox"/>	<div><div></div><div>AmazonEC2FullAccess</div></div>	AWS managed	1
<input type="checkbox"/>	<div><div></div><div>AmazonS3FullAccess</div></div>	AWS managed	1
<input type="checkbox"/>	<div><div></div><div>AWSLambdaBasicExecutionRole</div></div>	AWS managed	1

▶ Permissions boundary (not set)

✓ Successfully created bucket "aws-lamda-handson"
 

View details

To upload files and folders, or to configure additional bucket settings, choose **View details**.

[Amazon S3](#)
> Buckets

▶ Account snapshot
 

All AWS Regions

Storage lens provides visibility into storage usage and activity trends.
 [Learn more](#)

View Storage Lens dashboard

General purpose buckets

Directory buckets

General purpose buckets (2)

Info

All AWS Regions

Buckets are containers for data stored in S3.

🔍 Find buckets by name

↻

📄 Copy ARN

Empty

Delete

Create bucket

<

1

>

⚙

	Name ▲	AWS Region ▼	IAM Access Analyzer
<input type="radio"/>	aws-lamda-handson	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>
<input type="radio"/>	elasticbeanstalk-us-east-1-866650389532	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>

Compute

# AWS Lambda

lets you run code without thinking about servers.

You pay only for the compute time that you consume — there is no charge when your code is not running. With Lambda, you can run code for virtually any type of application or backend service, all with zero administration.

## Get started

Author a Lambda function from scratch, or choose from one of many preconfigured examples.

Create a function

## How it works

Run

Next: Lambda responds to events

.NET | Java | Node.js | Python | Ruby | Custom runtime

```
1 exports.handler = async (event) => {
2   console.log(event);
3   return 'Hello from Lambda!';
4 };
5
```

# Create function Info

Choose one of the following options to create your function.

- ☒ **Author from scratch**  
Start with a simple Hello World example.
- ☐ **Use a blueprint**  
Build a Lambda application from sample code and configuration presets for common use cases.
- ☐ **Container image**  
Select a container image to deploy for your function.

## Basic information

**Function name**  
Enter a name that describes the purpose of your function.

lambdahandons

Use only letters, numbers, hyphens, or underscores with no spaces.

**Runtime** Info  
Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

Python 3.12

↕

↻

**Architecture** Info  
Choose the instruction set architecture you want for your function code.

- ☒ x86\_64
- ☐ arm64

**Permissions** Info  
By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

### ▼ Change default execution role

**Execution role**  
Choose a role that defines the permissions of your function. To create a custom role, go to the [IAM console](#).

☐ Create a new role with basic Lambda permissions

Learn how to implement common use cases in AWS Lambda.

## Create a simple web app ^

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#) [↗](#)

**Start tutorial**

### Architecture [Info](#)

Choose the instruction set architecture you want for your function code.

- ☒ x86\_64
- ☐ arm64

### Permissions [Info](#)

By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

#### ▼ Change default execution role

##### Execution role

Choose a role that defines the permissions of your function. To create a custom role, go to the [IAM console](#).

- ☐ Create a new role with basic Lambda permissions
- ☒ Use an existing role
- ☐ Create a new role from AWS policy templates

##### Existing role

Choose an existing role that you've created to be used with this Lambda function. The role must have permission to upload logs to Amazon CloudWatch Logs.

LambdaHandsonassignment ▼



[View the LambdaHandsonassignment role](#) on the IAM console.

#### ► Advanced settings

Cancel

Create function



✓ Successfully updated the function lambdahandons. ✕

Function URL [Info](#)

-

[Code](#) [Test](#) [Monitor](#) [Configuration](#) [Aliases](#) [Versions](#)

**Code source** [Info](#)

Upload from ▼

File Edit Find View Go Tools Window

Test ▼

Deploy

Go to Anything (Ctrl-P)

Environment

lambdahandons - /  
lambda\_function.py

```
1 import boto3
2
3 def lambda_handler(event, context):
4     print(event)
5     # Get the S3 client
6     s3_client = boto3.client('s3')
7
8     # Get the bucket name and file key from the event
9     bucket_name = event['Records'][0]['s3']['bucket']['name']
10    print("bucketname-"+bucket_name)
11    file_key = event['Records'][0]['s3']['object']['key']
12
13    # Get the file from S3
14    file_obj = s3_client.get_object(Bucket=bucket_name, Key=file_key)
15
16    # Read the file content
17    file_content = file_obj['Body'].read().decode('utf-8')
18
19    # Process the file content
20    process_file_content(file_content)
21
22    return {
23        'statusCode': 200,
24        'body': 'File read successfully'
25    }
26
27 def process_file_content(file_content):
28     # Your code to process the file content here
29     print(file_content)
```

[Info](#) [Tutorials](#) ✕

Learn how to implement common use cases in AWS Lambda.

## Create a simple web app ^

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#) [↗](#)

[Start tutorial](#)

# lambdahandons

Throttle

Copy ARN

Actions

Function overview

Export to Application Composer

Download

Diagram

Template

 lambdahandons

 Layers (0)

+ Add trigger

+ Add destination


Description

-

Last modified

23 minutes ago

Function ARN

 arn:aws:lambda:us-east-1:866650389532:function:lambdahandons

Function URL

[Info](#)

-

Code source

Upload from

File Edit Find View Go Tools Window

Test

Deploy

Go to Anything (Ctrl-P)

lambdahandons -

lambda\_function.py

1 import json

2 import boto3

3 import urllib

Info

Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#)

Start tutorial

# Add trigger

## Trigger configuration [Info](#)

 S3

aws asynchronous storage

**Bucket**  
Choose or enter the ARN of an S3 bucket that serves as the event source. The bucket must be in the same region as the function.

 s3/elasticbeanstalk-us-east-1-866650389532

×

↺

Bucket region: us-east-1

**Event types**  
Select the events that you want to have trigger the Lambda function. You can optionally set up a prefix or suffix for an event. However, for each bucket, individual events cannot have multiple configurations with overlapping prefixes or suffixes that could match the same object key.

All object create events ×

**Prefix - optional**  
Enter a single optional prefix to limit the notifications to objects with keys that start with matching characters.

e.g. images/

**Suffix - optional**  
Enter a single optional suffix to limit the notifications to objects with keys that end with matching characters.

e.g. .jpg

 S3

aws asynchronous storage

**Bucket**  
Choose or enter the ARN of an S3 bucket that serves as the event source. The bucket must be in the same region as the function.

 s3/elasticbeanstalk-us-east-1-866650389532

×

↺

Bucket region: us-east-1

**Event types**  
Select the events that you want to have trigger the Lambda function. You can optionally set up a prefix or suffix for an event. However, for each bucket, individual events cannot have multiple configurations with overlapping prefixes or suffixes that could match the same object key.

All object create events ×

**Prefix - optional**  
Enter a single optional prefix to limit the notifications to objects with keys that start with matching characters.

e.g. images/

**Suffix - optional**  
Enter a single optional suffix to limit the notifications to objects with keys that end with matching characters.

e.g. .jpg

**Recursive invocation**  
If your function writes objects to an S3 bucket, ensure that you are using different S3 buckets for input and output. Writing to the same bucket increases the risk of creating a recursive invocation, which can result in increased Lambda usage and increased costs. [Learn more](#)

☒ I acknowledge that using the same S3 bucket for both input and output is not recommended and that this configuration can cause recursive invocations, increased Lambda usage, and increased costs.

Lambda will add the necessary permissions for AWS S3 to invoke your Lambda function from this trigger. [Learn more](#) about the Lambda permissions model.

# lambdahandons

Throttle

Copy ARN

Actions ▼

✓ The trigger elasticbeanstalk-us-east-1-866650389532 was successfully added to function lambdahandons. The function is now receiving events from the trigger.

## Function overview [Info](#)

Export to Application Composer

Download ▼

Diagram

Template



lambdahandons



Layers

(0)



S3

+ Add trigger

+ Add destination

Description

-

Last modified

1 hour ago

Function ARN

arn:aws:lambda:us-east-1:866650389532:function:lambdahandons

Function URL [Info](#)

-

Code

Test

Monitor

Configuration

Aliases

Versions

General configuration

Triggers

Permissions

Destinations

Function URL

Environment variables

## Triggers (1) [Info](#)



Fix errors

Edit

Delete

Add trigger

Find triggers

< 1 >



Trigger



S3: [elasticbeanstalk-us-east-1-866650389532](#)

arn:aws:s3:::elasticbeanstalk-us-east-1-866650389532

► Details

Info

Tutorials



Learn how to implement common use cases in AWS Lambda.

## Create a simple web app ^

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#)

Start tutorial

# /aws/lambda/lambdahandons

Actions ▼

View in Logs Insights

Start tailing

Search log group

▼ Log group details

Log class <a href="#">Info</a>	Metric filters	Anomaly detection
Standard	0	<a href="#">Configure</a>
ARN	Subscription filters	Data protection
arn:aws:logs:us-east-1:866650389532:log-group:/aws/lambda/lambdahandons:*	0	-
Creation time	Contributor Insights rules	Sensitive data count
1 minute ago	-	-
Retention	KMS key ID	
Never expire	-	
Stored bytes		
-		

- Log streams
- Tags
- Anomaly detection
- Metric filters
- Subscription filters
- Contributor Insights
- Data protection

Log streams (1)

↺

Delete

Create log stream

Search all log streams

Filter log streams or try prefix search

☐ Exact match

☐ Show expired [Info](#)

<input type="checkbox"/>	Log stream	▼	Last event time	▼
<input type="checkbox"/>	<a href="#">2024/05/04/[\$LATEST]a215ffd88a5f4025aa56f594e87644c4</a>		2024-05-04 10:53:22 (UTC+05:30)	

Log events

↺

Actions ▾

Start tailing

Create metric filter

You can use the filter bar below to search for and match terms, phrases, or values in your log events. [Learn more about filter patterns](#)

🔍 Filter events - press enter to search

Clear1m30m1h12hCustom📅Local timezone ▾Display ▾⚙️

▶	Timestamp	Message
		No older events at this moment. <a href="#">Retry</a>
▶	2024-05-04T10:53:19.149+05:30	INIT_START Runtime Version: python:3.12.v25 Runtime Version ARN: arn:aws:lambda:us-east-1::runtime:eb23ce52a7ad2bcf849de9f8cb1e3bae200e62ddb9e03883cc29d7c7a5eade03
▶	2024-05-04T10:53:19.443+05:30	START RequestId: a1196f2a-596e-4697-92a1-cba09151e823 Version: \$LATEST
▶	2024-05-04T10:53:19.443+05:30	{'Records': [{'eventVersion': '2.1', 'eventSource': 'aws:s3', 'awsRegion': 'us-east-1', 'eventTime': '2024-05-04T05:23:17.950Z', 'eventName': 'ObjectCreated:Put', 'userIdentity': {'principalId': 'A1YEFJFSC1P0PJ'}, 'req...
▶	2024-05-04T10:53:21.738+05:30	bucketname-elasticbeanstalk-us-east-1-866650389532
▶	2024-05-04T10:53:22.376+05:30	LAMBDA_WARNING: Unhandled exception. The most likely cause is an issue in the function code. However, in rare cases, a Lambda runtime update can cause unexpected function behavior. For functions using managed runtimes,...
▶	2024-05-04T10:53:22.376+05:30	[ERROR] NoSuchKey: An error occurred (NoSuchKey) when calling the GetObject operation: The specified key does not exist. Traceback (most recent call last): File "/var/task/lambda_function.py", line 14, in lambda_hand...
▶	2024-05-04T10:53:22.399+05:30	END RequestId: a1196f2a-596e-4697-92a1-cba09151e823
▶	2024-05-04T10:53:22.399+05:30	REPORT RequestId: a1196f2a-596e-4697-92a1-cba09151e823 Duration: 2956.48 ms Billed Duration: 2957 ms Memory Size: 128 MB Max Memory Used: 83 MB Init Duration: 292.69 ms
▶	2024-05-04T10:54:24.554+05:30	START RequestId: a1196f2a-596e-4697-92a1-cba09151e823 Version: \$LATEST
▶	2024-05-04T10:54:24.554+05:30	{'Records': [{'eventVersion': '2.1', 'eventSource': 'aws:s3', 'awsRegion': 'us-east-1', 'eventTime': '2024-05-04T05:23:17.950Z', 'eventName': 'ObjectCreated:Put', 'userIdentity': {'principalId': 'A1YEFJFSC1P0PJ'}, 'req...
▶	2024-05-04T10:54:24.620+05:30	bucketname-elasticbeanstalk-us-east-1-866650389532
▶	2024-05-04T10:54:25.178+05:30	LAMBDA_WARNING: Unhandled exception. The most likely cause is an issue in the function code. However, in rare cases, a Lambda runtime update can cause unexpected function behavior. For functions using managed runtimes,...
▶	2024-05-04T10:54:25.178+05:30	[ERROR] NoSuchKey: An error occurred (NoSuchKey) when calling the GetObject operation: The specified key does not exist. Traceback (most recent call last): File "/var/task/lambda_function.py", line 14, in lambda_hand...
▶	2024-05-04T10:54:25.217+05:30	END RequestId: a1196f2a-596e-4697-92a1-cba09151e823
▶	2024-05-04T10:54:25.217+05:30	REPORT RequestId: a1196f2a-596e-4697-92a1-cba09151e823 Duration: 662.90 ms Billed Duration: 663 ms Memory Size: 128 MB Max Memory Used: 83 MB
		No newer events at this moment. Auto retry paused. <a href="#">Resume</a>

# lambdahandons

Throttle

Copy ARN

Actions ▼

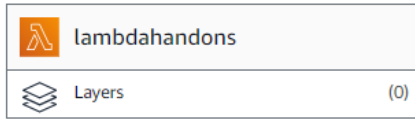
## ▼ Function overview Info

Export to Application Composer

Download ▼

Diagram

Template



S3

+ Add trigger

+ Add destination

### Description

-

### Last modified

2 hours ago

### Function ARN

arn:aws:lambda:us-east-1:866650389532:function:lambdahandons

### Function URL Info

-

Code

Test

Monitor

Configuration

Aliases

Versions

## Code source Info

Upload from ▼

File Edit Find View Go Tools Window

Test ▼

Deploy

Go to Anything (Ctrl-P)

Environment

lambdahandons - /  
lambda\_function.py

```
1 import boto3
2
3 def lambda_handler(event, context):
4     print(event)
5     # Get the S3 client
6     s3_client = boto3.client('s3')
7
8     # Get the bucket name and file key from the event
9     bucket_name = event['Records'][0]['s3']['bucket']['name']
10    print("bucketname-"+bucket_name)
11    file_key = event['Records'][0]['s3']['object']['key']
12
13    # Get the file from S3
14    file_obj = s3_client.get_object(Bucket=bucket_name, Key=file_key)
15
16    # Read the file content
```

Info

Tutorials



Learn how to implement common use cases in AWS Lambda.

## Create a simple web app ^

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#)

Start tutorial

## Amazon SQS

A message queuing service

Amazon SQS provides queues for high-throughput, system-to-system messaging. You can use queues to decouple heavyweight processes and to buffer and batch work. Amazon SQS stores messages until microservices and serverless applications process them.

## Get started

Learn how to use Amazon SQS by creating a queue, sending a message to the queue, and receiving and processing the message.

Create queue

### Pricing (US)

You can get started with Amazon SQS for free. All customers can make 1 million Amazon SQS requests for free each month. Some applications might be able to operate within this Free Tier limit.

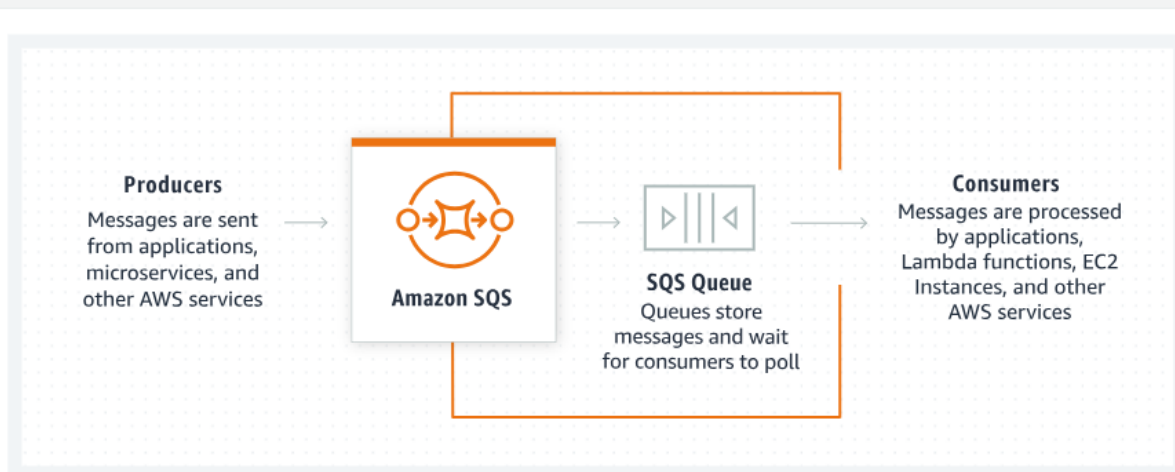
[Cost calculator](#) 

## Documentation

[Developer guide](#) [API reference](#) [FAQs](#) 

[Support forums](#) 

## How it works



Amazon SQS allows producers to send messages to a queue. Messages are then stored in an SQS Queue. When consumers are ready to process new messages they poll them from the queue. Applications, microservices, and multiple AWS services can take the role of producers or consumers.



Should be between 1 KB and 256 KB.

### Encryption [Info](#)

Amazon SQS provides in-transit encryption by default. To add at-rest encryption to your queue, enable server-side encryption.

#### Server-side encryption

- ☐ Disabled
- ☒ Enabled

#### Encryption key type

- ☒ Amazon SQS key (SSE-SQS)  
An encryption key that Amazon SQS creates, manages, and uses for you.
- ☐ AWS Key Management Service key (SSE-KMS)  
An encryption key protected by AWS Key Management Service (AWS KMS).

### Access policy [Info](#)

Define who can access your queue.

#### Choose method

- ☒ Basic  
Use simple criteria to define a basic access policy.
- ☐ Advanced  
Use a JSON object to define an advanced access policy.

#### Define who can send messages to the queue

- ☒ Only the queue owner  
Only the owner of the queue can send messages to the queue.
- ☐ Only the specified AWS accounts, IAM users and roles  
Only the specified AWS account IDs, IAM users and roles can send messages to the queue.

#### Define who can receive messages from the queue

- ☒ Only the queue owner  
Only the owner of the queue can receive messages from the queue.
- ☐ Only the specified AWS accounts, IAM users and roles  
Only the specified AWS account IDs, IAM users and roles can receive messages from the queue.

#### JSON (read-only)

```
"Statement": [
  {
    "Sid": "__owner_statement",
    "Effect": "Allow",
    "Principal": {
      "AWS": "866650389532"
    },
    "Action": [
      "SQS:*"
    ],
    "Resource": "arn:aws:sqs:us-east-1:866650389532:lanbdahandonassignmentsqs"
  }
]
```

### Provide allow policy [Optional](#)



☐ Only the specified AWS accounts, IAM users and roles  
Only the specified AWS account IDs, IAM users and roles can receive messages from the queue.

```
    "SQS":  
      ],  
      "Resource": "arn:aws:sqs:us-east-  
1:866650389532:lanbdahandonassignmentsqs"  
    }  
  ]  
}
```

**Redrive allow policy** - *Optional* [Info](#)

Identify which source queues can use this queue as the dead-letter queue.

Select which source queues can use this queue as the dead-letter queue.

- ☒ Disabled
- ☐ Enabled

**Dead-letter queue** - *Optional* [Info](#)

Send undeliverable messages to a dead-letter queue.

Set this queue to receive undeliverable messages.

- ☒ Disabled
- ☐ Enabled

**Tags** - *Optional* [Info](#)

A tag is a label assigned to an AWS resource. Use tags to search and filter your resources or track your AWS costs.

Key

Q

Enter key

Value - optional

Q

Enter value

Remove




Add new tag

You can add 49 more tags.

lanbdahandonassignmentsqs

Edit	Delete	Purge	Send and receive messages	Start DLQ redrive
------	--------	-------	---------------------------	-------------------

## Details Info

Name	Type	ARN
 lanbdahandonassignmentsqs	Standard	 arn:aws:sqs:us-east-1:866650389532:lanbdahandonassignmentsqs
Encryption	URL	Dead-letter queue
Amazon SQS key (SSE-SQS)	 <a href="https://sqs.us-east-1.amazonaws.com/866650389532/lanbdahandonassignmentsqs">https://sqs.us-east-1.amazonaws.com/866650389532/lanbdahandonassignmentsqs</a>	-

▶ [More](#)

## SNS subscriptions

### Lambda triggers

## EventBridge Pipes

### Dead-letter queue

## Monitoring

## Tagging

### Access policy

## Encryption

### Dead-letter queue redrive tasks

Subscription region

us-east-1 ▼

SNS subscriptions (0) [Info](#)

 Search subscriptions


[View in SNS](#) 
[Delete](#)
[Subscribe to Amazon SNS topic](#)

< 1 >

Subscription ARN

Topic ARN

### No Amazon SNS subscriptions

To allow your queue to receive messages, subscribe it to an Amazon SNS topic.

[Subscribe to Amazon SNS topic](#)

# Send and receive messages

Send messages to and receive messages from a queue.

Send message [Info](#)

Clear content

Send message

Message body

Enter the message to send to the queue.

FILE UPLOAD SUCESSFULLY

Delivery delay [Info](#)

0

Seconds

Should be between 0 seconds and 15 minutes.

► Message attributes - Optional [Info](#)

Receive messages [Info](#)

Edit poll settings

Stop polling

Poll for messages

Messages available

0

Polling duration

30

Maximum message count

10

Polling progress

0 receives/second

0%

Messages (0)

View details

Delete

Q Search messages

< 1 > ⚙

ID	Sent	Size	Receive count
No messages. To view messages in the queue, poll for messages.			

Poll for messages

# Send and receive messages

Send messages to and receive messages from a queue.

## Send message [Info](#)

Clear contentSend message

✔ Your message has been sent and is ready to be received.

View details✕

Message body  
Enter the message to send to the queue.

FILE UPLOAD SUCESSFULLY

Delivery delay [Info](#)

0Seconds

Should be between 0 seconds and 15 minutes.

▶ Message attributes - Optional [Info](#)

## Receive messages [Info](#)

Edit poll settingsStop pollingPoll for messages

Messages available	Polling duration	Maximum message count	Polling progress
1	30	10	<div><div></div>0%</div> <div>0 receives/second</div>

Messages (0)

View detailsDelete

Q Search messages

<1>⚙

ID	Sent	Size	Receive count
----	------	------	---------------

No messages. To view messages in the queue, poll for messages.