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

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

Benefits and features

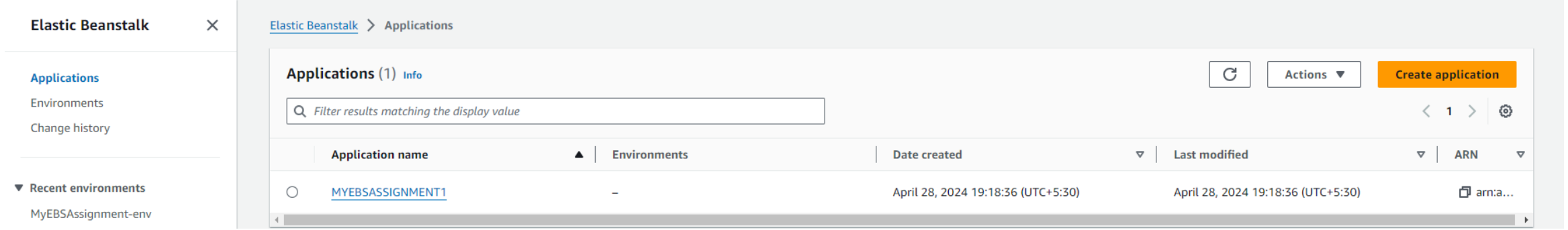
Easy to get started

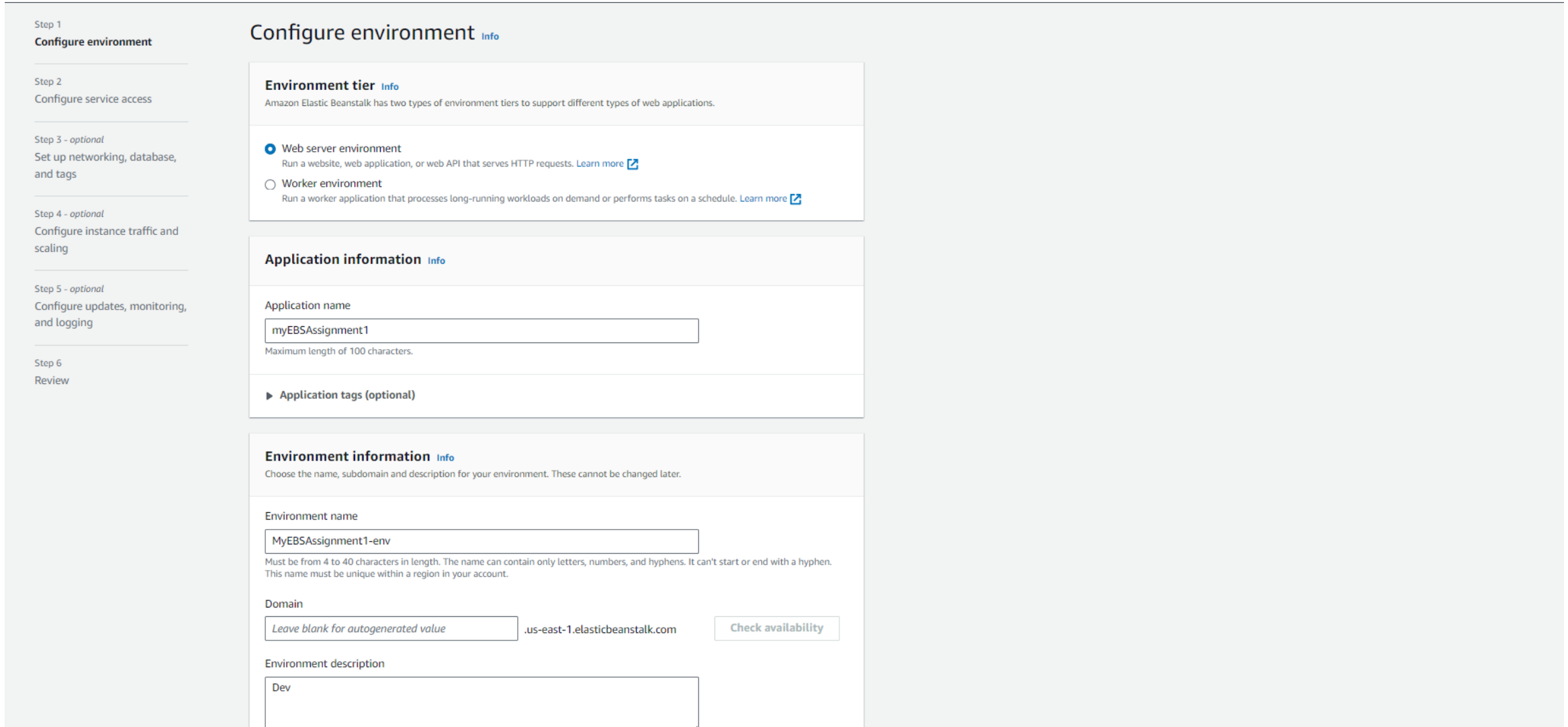
Elastic Beanstalk is the simplest way to deploy and run your web application on Amazon Web Services. Elastic Beanstalk automatically handles the deployment details of capacity provisioning, load balancing, automatic scaling, and web application

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

More resources


Elastic Beanstalk
Applications
Environments
Change history
Recent environments
MyEBSAssignment-env
Elastic Beanstalk > Applications
Applications (1) Info
Actions
Create application
Filter results matching the display value
1
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

IAM Dashboard

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

Related consoles
- IAM Identity Center
- AWS Organizations

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

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

View all

- 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

Step 1
Select trusted entity

Step 2
Add permissions

Step 3
Name, review, and create

Add permissions Info

Permissions policies (1/922) Info

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

Search

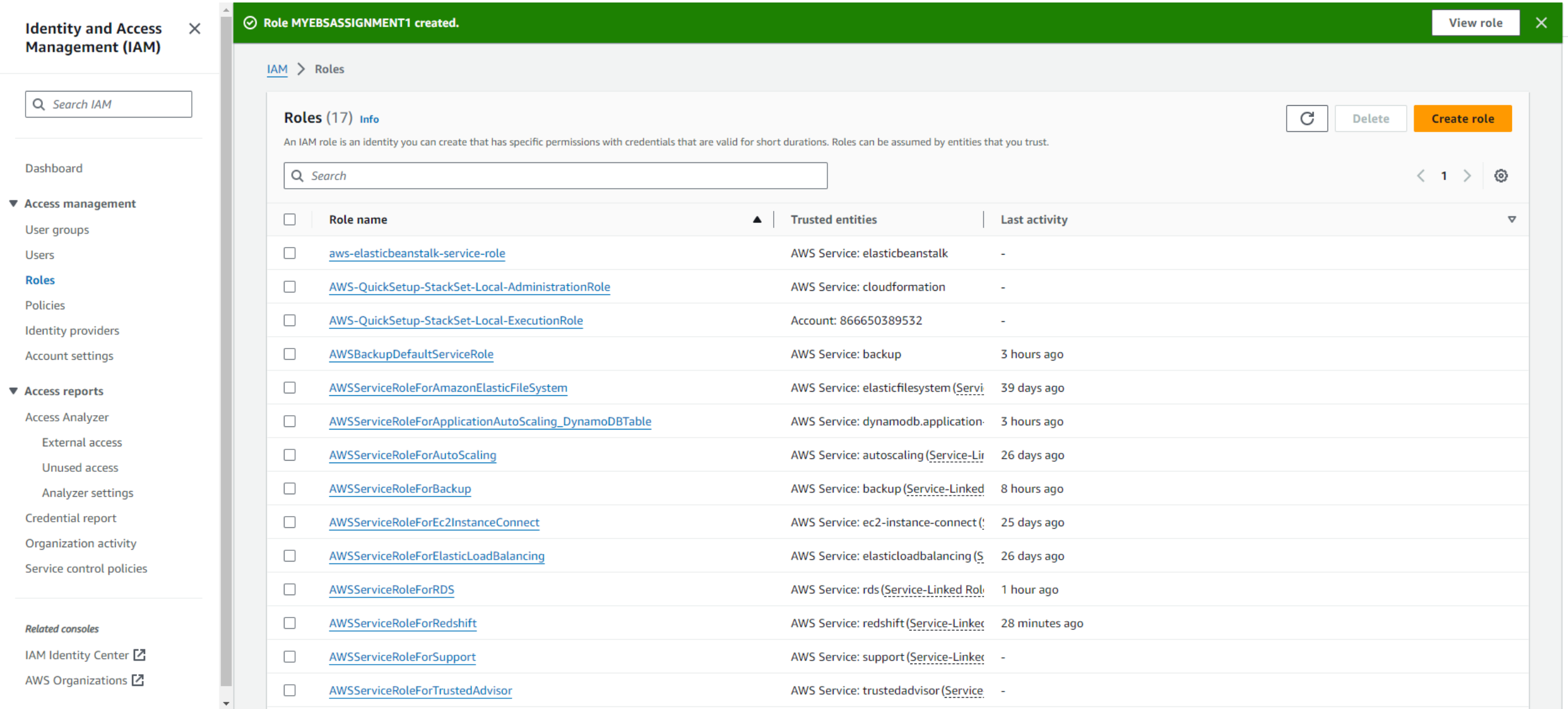
Filter by Type: All types

1 2 3 4 5 6 7 ... 47

Policy name	Type	Description
AdministratorAccess	AWS managed - job function	Provides full access to AWS services and resources.
AdministratorAccess-Amplify	AWS managed	Grants account administrative permissions while explicitly allowing direct access to resources needed by Amplify applications.
AdministratorAccess-AWSElasticBeanstalk	AWS managed	Grants account administrative permissions. Explicitly allows developers and administrators to gain direct access to resources they need to manage AWS Elastic ...
AlexaForBusinessDeviceSetup	AWS managed	Provide device setup access to AlexaForBusiness services
AlexaForBusinessFullAccess	AWS managed	Grants full access to AlexaForBusiness resources and access to related AWS Services
AlexaForBusinessGatewayExecution	AWS managed	Provide gateway execution access to AlexaForBusiness services
AlexaForBusinessLifesizeDelegatedAccessPolicy	AWS managed	Provide access to Lifesize AVS devices
AlexaForBusinessPolyDelegatedAccessPolicy	AWS managed	Provide access to Poly AVS devices
AlexaForBusinessReadOnlyAccess	AWS managed	Provide read only access to AlexaForBusiness services
AmazonAPIGatewayAdministrator	AWS managed	Provides full access to create/edit/delete APIs in Amazon API Gateway via the AWS Management Console.
AmazonAPIGatewayInvokeFullAccess	AWS managed	Provides full access to invoke APIs in Amazon API Gateway.
AmazonAPIGatewayPushToCloudWatchLogs	AWS managed	Allows API Gateway to push logs to user's account.
AmazonAppFlowFullAccess	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 ...
AmazonAppFlowReadOnlyAccess	AWS managed	Provides read only access to Amazon Appflow flows
AmazonAppStreamFullAccess	AWS managed	Provides full access to Amazon AppStream via the AWS Management Console.
AmazonAppStreamPCAAccess	AWS managed	Amazon AppStream 2.0 access to AWS Certificate Manager Private CA in customer accounts for certificate-based authentication
AmazonAppStreamReadOnlyAccess	AWS managed	Provides read only access to Amazon AppStream via the AWS Management Console.
AmazonAppStreamServiceAccess	AWS managed	Default policy for Amazon AppStream service role.
AmazonAthenaFullAccess	AWS managed	Provide full access to Amazon Athena and scoped access to the dependencies needed to enable querying, writing results, and data management.
AmazonAugmentedAIFullAccess	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***

Cancel Previous Next


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
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.
Delete
Create role
Search
1
Role name
Trusted entities
Last activity
aws-elasticbeanstalk-service-role
AWS Service: elasticbeanstalk
-
AWS-QuickSetup-StackSet-Local-AdministrationRole
AWS Service: cloudformation
-
AWS-QuickSetup-StackSet-Local-ExecutionRole
Account: 866650389532
-
AWSBackupDefaultServiceRole
AWS Service: backup
3 hours ago
AWSServiceRoleForAmazonElasticFileSystem
AWS Service: elasticfilesystem (Servi
39 days ago
AWSServiceRoleForApplicationAutoScaling_DynamoDBTable
AWS Service: dynamodb.application
3 hours ago
AWSServiceRoleForAutoScaling
AWS Service: autoscaling (Service-Li
26 days ago
AWSServiceRoleForBackup
AWS Service: backup (Service-Linked
8 hours ago
AWSServiceRoleForEc2InstanceConnect
AWS Service: ec2-instance-connect (
25 days ago
AWSServiceRoleForElasticLoadBalancing
AWS Service: elasticloadbalancing (S
26 days ago
AWSServiceRoleForRDS
AWS Service: rds (Service-Linked Rol
1 hour ago
AWSServiceRoleForRedshift
AWS Service: redshift (Service-Linkec
28 minutes ago
AWSServiceRoleForSupport
AWS Service: support (Service-Linkec
-
AWSServiceRoleForTrustedAdvisor
AWS Service: trustedadvisor (Service
-

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.

aws-elasticbeanstalk-service-role

View permission details

EC2 key pair

Select an EC2 key pair to securely log in to your EC2 instances. Learn more

databasekp

EC2 instance profile

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

myEBSASSIGNMENT

View permission details

Cancel | Skip to review | Previous | Next

MYEBSASSIGNMENT1 application is being deleted

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

Filter instance subnets

Availability Zone	Subnet	CIDR	Name
us-east-1e	subnet-0396a41ed...	172.30.4.0/24	
us-east-1c	subnet-0b5ca8404...	172.30.2.0/24	
us-east-1b	subnet-0c908789f...	172.30.1.0/24	
us-east-1a	subnet-0cd8f86e5...	172.30.0.0/24	
us-east-1d	subnet-0df06ea34...	172.30.3.0/24	
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)

Filter database subnets

Availability Zone	Subnet	CIDR	Name
us-east-1e	subnet-0396a41ed...	172.30.4.0/24	
us-east-1c	subnet-0b5ca8404...	172.30.2.0/24	
us-east-1b	subnet-0c908789f...	172.30.1.0/24	
us-east-1a	subnet-0cd8f86e5...	172.30.0.0/24	
us-east-1d	subnet-0df06ea34...	172.30.3.0/24	
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

Environment successfully launched.

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 (10) Info

Filter events by text, property or value

1

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 | Health | Logs | Monitoring | Alarms | Managed updates | Tags

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-08f69a0bbbcce7477
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.

IAM > Roles > myEBSASSIGNMENT

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

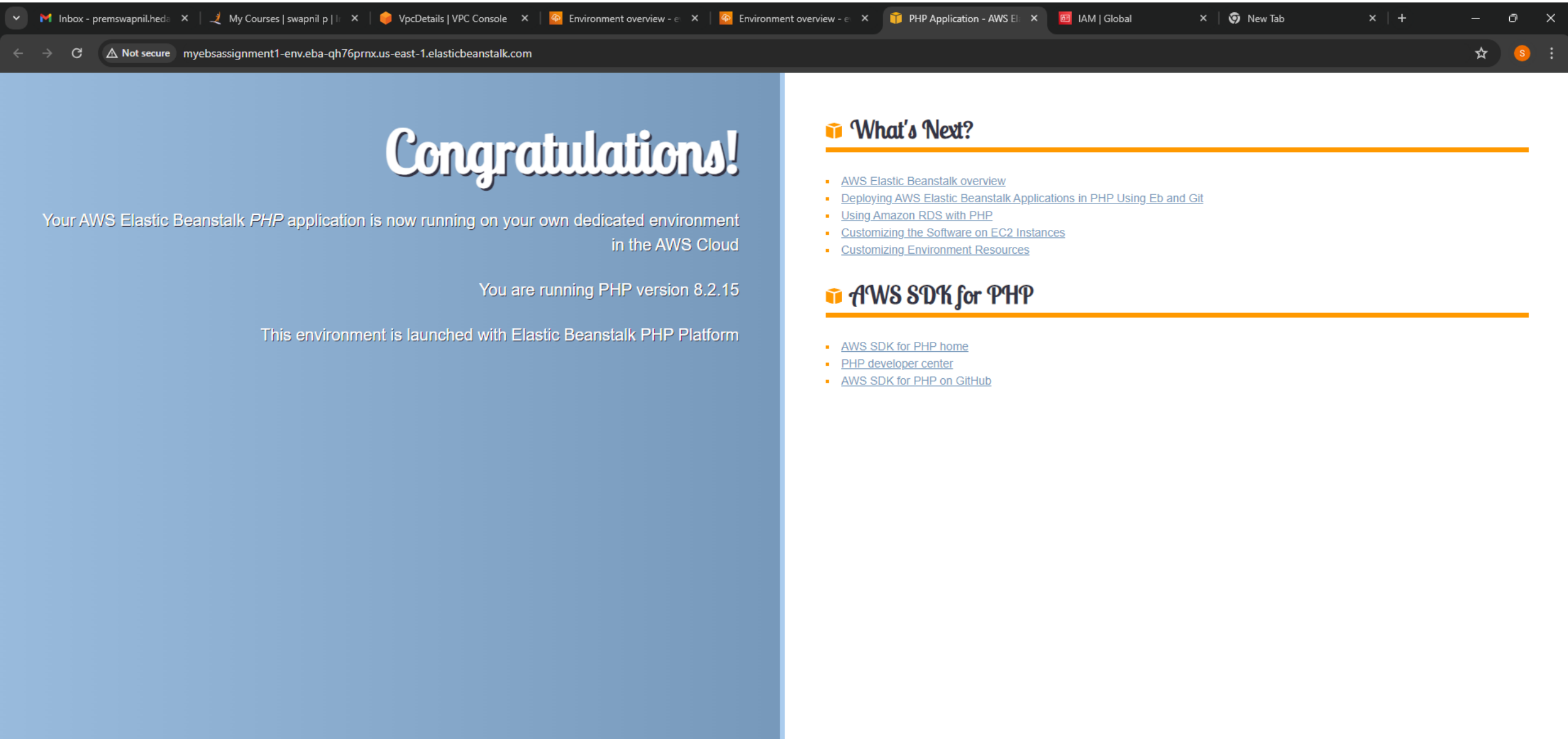
Search

Filter by Type: All types

1

Policy name	Type	Attached entities
AdministratorAccess	AWS managed - job function	2
AdministratorAccess-Amplify	AWS managed	1

Permissions boundary (not set)


Inbox - premswapnil.hed
My Courses | swapnil p |
VpcDetails | VPC Console
Environment overview -
Environment overview -
PHP Application - AWS El
IAM | Global
New Tab
Not secure
myebsassignment1-env.eba-qh76prnx.us-east-1.elasticbeanstalk.com
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

Filter events by text, property or value

1

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
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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 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

Filter events by text, property or value

1

Time	Type	Details
April 29, 2024 20:13:35 (UTC+5:30)	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)	INFO	Deploying new version to instance(s).
April 29, 2024 20:13:13 (UTC+5:30)	INFO	Updating environment MyEBSAssignment1-env's configuration settings.

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

Environment update successfully completed.

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
myEBSAssignment1-version-1

Platform state
Supported

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

Events (21) Info

Filter events by text, property or value

1 2

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

EC2 RDS IAM

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.

Delete | Create role

Search

1

Role name	Trusted entities	Last activity
aws-elasticbeanstalk-service-role	AWS Service: elasticbeanstalk	4 days ago
aws-elasticbeanstalk-service-role1	AWS Service: elasticbeanstalk	5 days ago
aws-lambda-handons-role-nks0djqd	AWS Service: lambda	-
aws-lamda-handson-role-08c393yz	AWS Service: lambda	-
AWS-QuickSetup-StackSet-Local-AdministrationRole	AWS Service: cloudformation	-
AWS-QuickSetup-StackSet-Local-ExecutionRole	Account: 866650389532	-
AWSBackupDefaultServiceRole	AWS Service: backup	5 days ago
AWSServiceRoleForAmazonElasticFileSystem	AWS Service: elasticfilesystem (Servi	45 days ago
AWSServiceRoleForApplicationAutoScaling_DynamoDBTable	AWS Service: dynamodb.application	5 days ago
AWSServiceRoleForAutoScaling	AWS Service: autoscaling (Service-Li	4 days ago
AWSServiceRoleForBackup	AWS Service: backup (Service-Linked	22 hours ago
AWSServiceRoleForEc2InstanceConnect	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

basic

All types

4 matches

1

Policy name	Type	Description
AWSLambdaBasicExecutionRole	AWS managed	
AWSLambdaBasicExecutionRole-16727744-ae3b-4a15-b1d0-ef3b995ef...	Customer managed	
AWSLambdaBasicExecutionRole-c95527d0-8368-4e78-9a7e-2c7c25ab4...	Customer managed	
AWSProtonCodeBuildProvisioningBasicAccess	AWS managed	

▶ **Set permissions boundary - *optional***

Cancel Previous Next

Step 1
Select trusted entity

Step 2
Add permissions

Step 3
Name, review, and create

Add permissions Info

Permissions policies (2/926) Info

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

Filter by Type

S3 | All types | 9 matches | 1

Policy name	Type	Description
AmazonDMSRedshiftS3Role	AWS managed	Provides access to manage S3 settings fo...
AmazonS3FullAccess	AWS managed	Provides full access to all buckets via the ...
AmazonS3ObjectLambdaExecutionRolePolicy	AWS managed	Provides AWS Lambda functions permissi...
AmazonS3OutpostsFullAccess	AWS managed	Provides full access to Amazon S3 on Out...
AmazonS3OutpostsReadOnlyAccess	AWS managed	Provides read only access to Amazon S3 ...
AmazonS3ReadOnlyAccess	AWS managed	Provides read only access to all buckets vi...
AWSBackupServiceRolePolicyForS3Backup	AWS managed	Policy containing permissions necessary f...
AWSBackupServiceRolePolicyForS3Restore	AWS managed	Policy containing permissions necessary f...
QuickSightAccessForS3StorageManagementAnalyticsReadOnly	AWS managed	Policy used by QuickSight team to access...

▸ **Set permissions boundary - *optional***

Cancel | Previous | Next

Step 1
Select trusted entity

Step 2
Add permissions

Step 3
Name, review, and create

Add permissions Info

Permissions policies (3/926) Info

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

Filter by Type

ec2 | All types | 31 matches | 1 2

Policy name	Type	Description
AmazonEC2ContainerRegistryFullAccess	AWS managed	Provides administrative access to Ama...
AmazonEC2ContainerRegistryPowerUser	AWS managed	Provides full access to Amazon EC2 Co...
AmazonEC2ContainerRegistryReadOnly	AWS managed	Provides read-only access to Amazon E...
AmazonEC2ContainerServiceAutoscaleRole	AWS managed	Policy to enable Task Autoscaling for A...
AmazonEC2ContainerServiceEventsRole	AWS managed	Policy to enable CloudWatch Events fo...
AmazonEC2ContainerServiceforEC2Role	AWS managed	Default policy for the Amazon EC2 Rol...
AmazonEC2ContainerServiceRole	AWS managed	Default policy for Amazon ECS service ...
AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 via...
AmazonEC2ReadOnlyAccess	AWS managed	Provides read only access to Amazon E...
AmazonEC2RoleforAWSCodeDeploy	AWS managed	Provides EC2 access to S3 bucket to do...
AmazonEC2RoleforAWSCodeDeployLimited	AWS managed	Provides EC2 limited access to S3 buck...
AmazonEC2RoleforDataPipelineRole	AWS managed	Default policy for the Amazon EC2 Rol...

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

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Effect": "Allow",
            "Action": [
                "sts:AssumeRole"
            ],
            "Principal": {
                "Service": [
                    "lambda.amazonaws.com"
                ]
            }
        }
    ]
}
```

Step 2: Add permissions

Edit

Permissions policy summary

Policy name	Type	Attached as
AmazonEC2FullAccess	AWS managed	Permissions policy
AmazonS3FullAccess	AWS managed	Permissions policy
AWSLambdaBasicExecutionRole	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.

Cancel Previous Create role

Role LambdaHandsonassignment created. View role

IAM > Roles > LambdaHandsonassignment

LambdaHandsonassignment Info

Allows Lambda functions to call AWS services on your behalf.

Delete

Summary

Edit

Creation date
April 29, 2024, 22:08 (UTC+05:30)

ARN
arn:aws:iam::866650389532:role/LambdaHandsonassignment

Last activity
-

Maximum session duration
1 hour

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

Permissions policies (3) Info

You can attach up to 10 managed policies.

Simulate | Remove | Add permissions

Search

Filter by Type: All types

1

Policy name	Type	Attached entities
AmazonEC2FullAccess	AWS managed	1
AmazonS3FullAccess	AWS managed	1
AWSLambdaBasicExecutionRole	AWS managed	1

Permissions boundary (not set)

EC2 RDS IAM

Successfully created bucket "aws-lamda-handson"
To upload files and folders, or to configure additional bucket settings, choose **View details**.

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

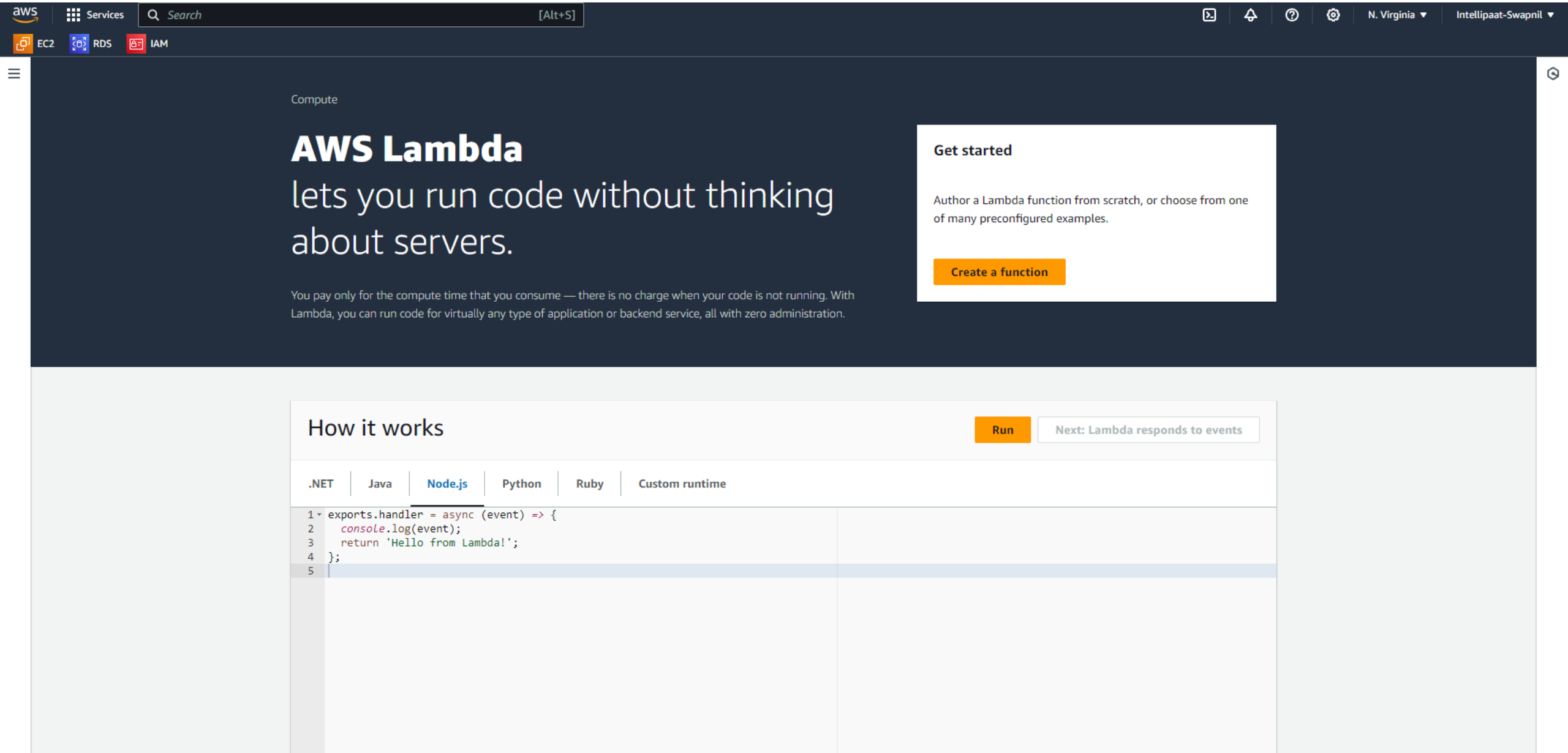
Buckets are containers for data stored in S3.

Copy ARN | Empty | Delete | Create bucket

Find buckets by name

1

Name	AWS Region	IAM Access Analyzer
aws-lamda-handson	US East (N. Virginia) us-east-1	View analyzer for us-east-1
elasticbeanstalk-us-east-1-866650389532	US East (N. Virginia) us-east-1	View analyzer for us-east-1


aws
Services
Search
[Alt+S]
N. Virginia
Intellipaat-Swapnil
EC2
RDS
IAM
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

Lambda > Functions > Create function

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

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

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)

lambda_function × Environment Var ×

Environment

lambdahandons /

lambda_function.py

```python
import boto3

def lambda_handler(event, context):
    print(event)
    # Get the S3 client
    s3_client = boto3.client('s3')

    # Get the bucket name and file key from the event
    bucket_name = event['Records'][0]['s3']['bucket']['name']
    print("bucketname-"+bucket_name)
    file_key = event['Records'][0]['s3']['object']['key']

    # Get the file from S3
    file_obj = s3_client.get_object(Bucket=bucket_name, Key=file_key)

    # Read the file content
    file_content = file_obj['Body'].read().decode('utf-8')

    # Process the file content
    process_file_content(file_content)

    return {
        'statusCode': 200,
        'body': 'File read successfully'
    }

def process_file_content(file_content):
    # Your code to process the file content here
    print(file_content)
```

Info | Tutorials

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Learn more

Start tutorial

Successfully updated the function **lambdahandons**.

Lambda > Functions > lambdahandons

lambdahandons

Throttle | Copy ARN | Actions

Function overview Info

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 | Test | Monitor | Configuration | Aliases | Versions

Code source Info

Upload from

File Edit Find View Go Tools Window | Test | Deploy

Go to Anything (Ctrl-P)

lambda_function × | Environment Var ×

lambdahandons /

lambda_function.py

```
1 import json
2 import boto3
3 import urllib
```

Info | Tutorials

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Learn more

Start tutorial

Lambda > Add trigger

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

- [x] 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.

Cancel Add

lambdahandons

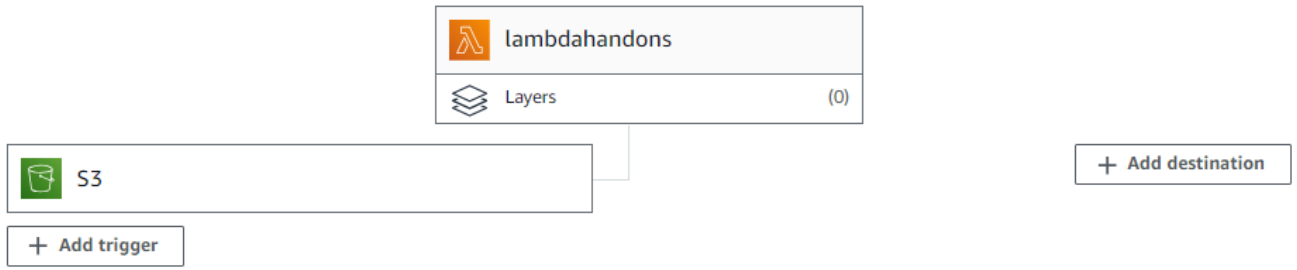
Throttle | Copy ARN | Actions

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



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

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Learn more

Start tutorial

/aws/lambda/lambdahandons

Actions | View in Logs Insights | Start tailing | Search log group

Log group details

Log class Info
Standard

ARN
arn:aws:logs:us-east-1:866650389532:log-group:/aws/lambda/lambdahandons:*

Creation time
1 minute ago

Retention
Never expire

Stored bytes
-

Metric filters
0

Subscription filters
0

Contributor Insights rules
-

KMS key ID
-

Anomaly detection
Configure

Data protection
-

Sensitive data count
-

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 | 1

Log stream	Last event time
2024/05/04/[$LATEST]a215ffd88a5f4025aa56f594e87644c4	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 | Clear | 1m | 30m | 1h | 12h | Custom | Local timezone | Display

Timestamp	Message
	No older events at this moment. Retry
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.* Resume

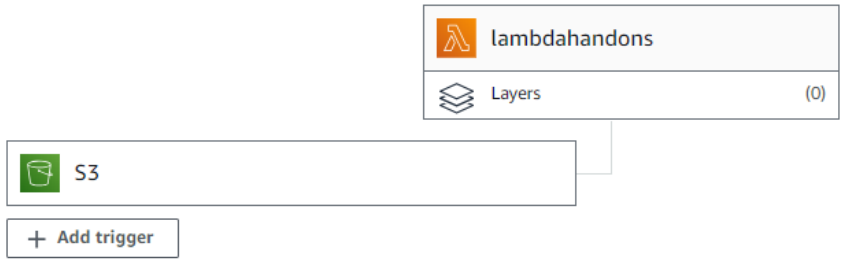
lambdahandons

Throttle | Copy ARN | Actions

Function overview Info

Export to Application Composer | Download

Diagram | Template



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)

lambda_function × | Environment Var ×

Environment

lambdahandons /
lambda_function.py

```python
import boto3

def lambda_handler(event, context):
    print(event)
    # Get the S3 client
    s3_client = boto3.client('s3')

    # Get the bucket name and file key from the event
    bucket_name = event['Records'][0]['s3']['bucket']['name']
    print("bucketname-"+bucket_name)
    file_key = event['Records'][0]['s3']['object']['key']

    # Get the file from S3
    file_obj = s3_client.get_object(Bucket=bucket_name, Key=file_key)

    # Read the file content
```

Info | Tutorials

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Learn more

Start tutorial

Application integration

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.

Create queue

Details

Type

Choose the queue type for your application or cloud infrastructure.

Standard Info

At-least-once delivery, message ordering isn't preserved

- At-least once delivery
- Best-effort ordering

FIFO Info

First-in-first-out delivery, message ordering is preserved

- First-in-first-out delivery
- Exactly-once processing

You can't change the queue type after you create a queue.

Name

lanbdahandonassignmentsqs

A queue name is case-sensitive and can have up to 80 characters. You can use alphanumeric characters, hyphens (-), and underscores (_).

Configuration Info

Set the maximum message size, visibility to other consumers, and message retention.

Visibility timeout Info

30 Seconds

Should be between 0 seconds and 12 hours.

Message retention period Info

4 Days

Should be between 1 minute and 14 days.

Delivery delay Info

0 Seconds

Should be between 0 seconds and 15 minutes.

Maximum message size Info

256 KB

Should be between 1 KB and 256 KB.

Receive message wait time Info

0 Seconds

Should be between 0 and 20 seconds.

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"
    }
  ]
}
```

Redrive allow policy Optional Info

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	Value - *optional*	
Enter key	Enter value	Remove

Add new tag

You can add 49 more tags.

Cancel Create queue

Queue lanbdahandonassignmentsqs created successfully
You can now send and receive messages.

lanbdahandonassignmentsqs

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

Details Info

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

▶ 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

View in SNS | Delete | Subscribe to Amazon SNS topic

Search subscriptions

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	Polling duration	Maximum message count	Polling progress
0	30	10	0%
			0 receives/second

Messages (0)

View details | Delete

Search messages

1

ID	Sent	Size	Receive count

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

Poll for messages

EC2 RDS IAM

Amazon SQS > Queues > lanbdahandonassignmentsqs > Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Clear content | Send 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

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	Polling duration	Maximum message count	Polling progress
1	30	10	0%
			0 receives/second

Messages (0)

View details | Delete

Search messages

1

ID	Sent	Size	Receive count

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