

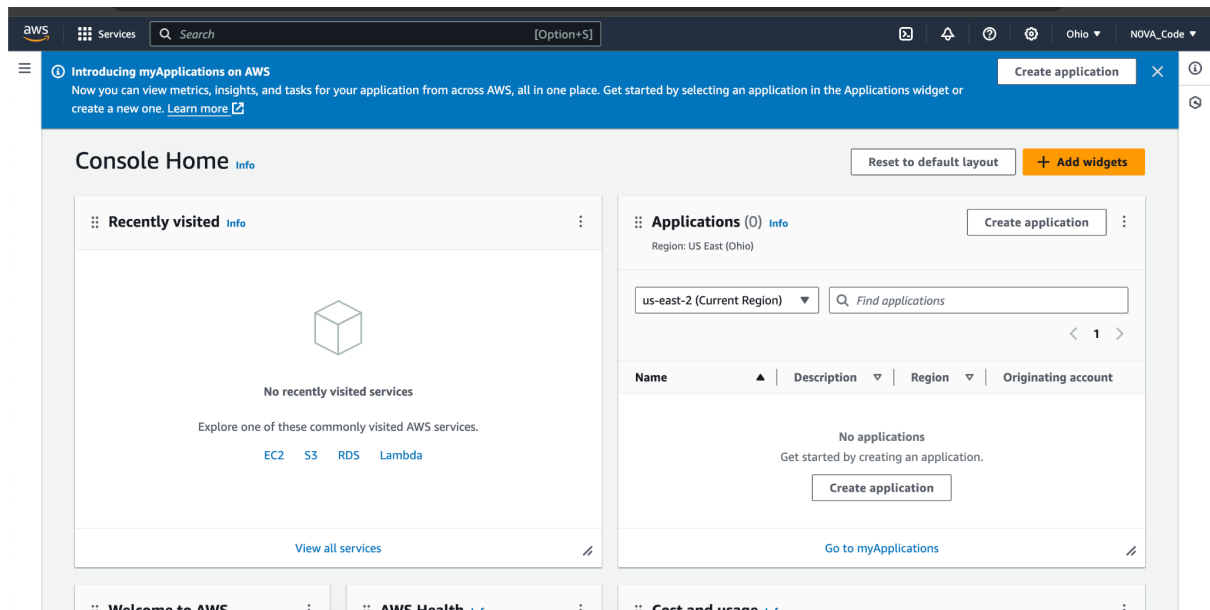
Title: Week 5 Assignment: Cloud and API deployment

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Confidence intervals

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	
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[View permission details](#)

EC2 key pair

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

Choose a key pair ▼ ↺

EC2 instance profile

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

[View permission details](#)

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

IAM > Dashboard

IAM Dashboard

Security recommendations 1

Add MFA for root user

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

Add MFA

Root user has no active access keys

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

IAM resources

Resources in this AWS Account

User groups	Users	Roles	Policies	Identity providers
0	0	3	0	0

What's new

View all

AWS Account

Account ID

767397940590

Account Alias

Create

Sign-in URL for IAM users in this account

https://767397940590.signin.aws.amazon.com/console

Quick Links

My security credentials

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

Tools

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.

Version label

Unique name for this version of your application code.

1.0

Source code origin. Maximum size 500 MB

Local file

Upload application

Choose file

File must be less than 500MB max file size

Public S3 URL

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Roles (3) 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"/>	aws-elasticbeanstalk-service-role	AWS Service: elasticbeanstalk	-
<input type="checkbox"/>	AWSServiceRoleForSupport	AWS Service: support (Service-Linker)	-
<input type="checkbox"/>	AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service-Linker)	-

Roles Anywhere Info

Authenticate your non AWS workloads and securely provide access to AWS services.

Manage

Access AWS from your non AWS workloads

Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS.

X.509 Standard

Use your own existing PKI infrastructure or use [AWS Certificate Manager Private Certificate Authority](#) to authenticate identities.

Temporary credentials

Use temporary credentials with ease and benefit from the enhanced security they provide.

Elastic Beanstalk

Applications

Environments

Change history

Application: Data2_week5

- Application versions
- Saved configurations

Environment: Data2week5-env

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

Data2week5-env Info

Environment successfully launched.

Actions Upload and deploy

Environment overview

Health Pending	Environment ID e-2pb9hqzn4e
Domain Data2week5-env.eba-ucwzmye9.us-east-2.elasticbeanstalk.com	Application name Data2_week5

Platform Change version

Platform
Python 3.11 running on 64bit Amazon Linux 2023/4.0.7

Running version
1.0

Platform state
Supported

Events Health Logs Monitoring Alarms Managed updates Tags

Events (12) Info

Filter events by text, property or value

<http://data2week5-env.eba-ucwzmye9.us-east-2.elasticbeanstalk.com/>