**Domain 1: Deployment (3)**



1.1 Deploy written code in AWS using existing CI/CD pipelines, processes, and patterns.



1.2 Deploy applications using Elastic Beanstalk.



1.3 Prepare the application deployment package to be deployed to AWS.

1.4 Deploy serverless applications.



**Domain 2: Security** (2)

2.1 Make authenticated calls to AWS services.

2.2 Implement encryption using AWS services.



2.3 Implement application authentication and authorization.

**Domain 3: Development with AWS Services** (1)

3.1 Write code for serverless applications.

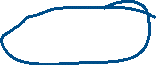
3.2 Translate functional requirements into application design.



3.3 Implement application design into application code.



3.4 Write code that interacts with AWS services by using APIs, SDKs, and AWS CLI.



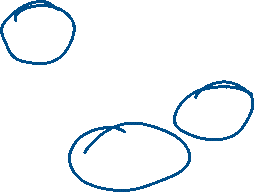
**Domain 4: Refactoring** (5)

4.1 Optimize application to best use AWS services and features.



4.2 Migrate existing application code to run on AWS.

**Domain 5: Monitoring and Troubleshooting** (4)



5.1 Write code that can be monitored.

5.2 Perform root cause analysis on faults found in testing or production.

1. Design, code, build and deploy serverless application using CI/CD pipeline
2. Design applications that can be monitored and easy to perform root cause analysis
3. Implement authentication, authorization and encryption using aws services
4. Optimize and migrate code to use aws services
5. Use Elastic Beanstalk to deploy applications
6. Use AWS SDK APIs and CLI to write code
7. Cloud design patterns

Use Elastic Beanstalk to create a serverless application with encryption, authentication and authorization and use CI/CD pipeline to deploy to dev/test and production. Ensure monitoring and ease of root cause analysis while designing the application. Use AWS SDK, CLI and APIs