Section 18: Containers on AWS: ECS, Fargate, ECR, & EKS

AWS Solution Architect Associate

# 193. Docker Introduction

Graphical user interface, text, application, email

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# 194. ECS Overview

Diagram

Description automatically generated with medium confidence

Table

Description automatically generated

Timeline

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Diagram

Description automatically generated with low confidence

ExamTip:

If you have a ECS service with task that need to access a specific AWS service 🡪 create your own ECS task roles.

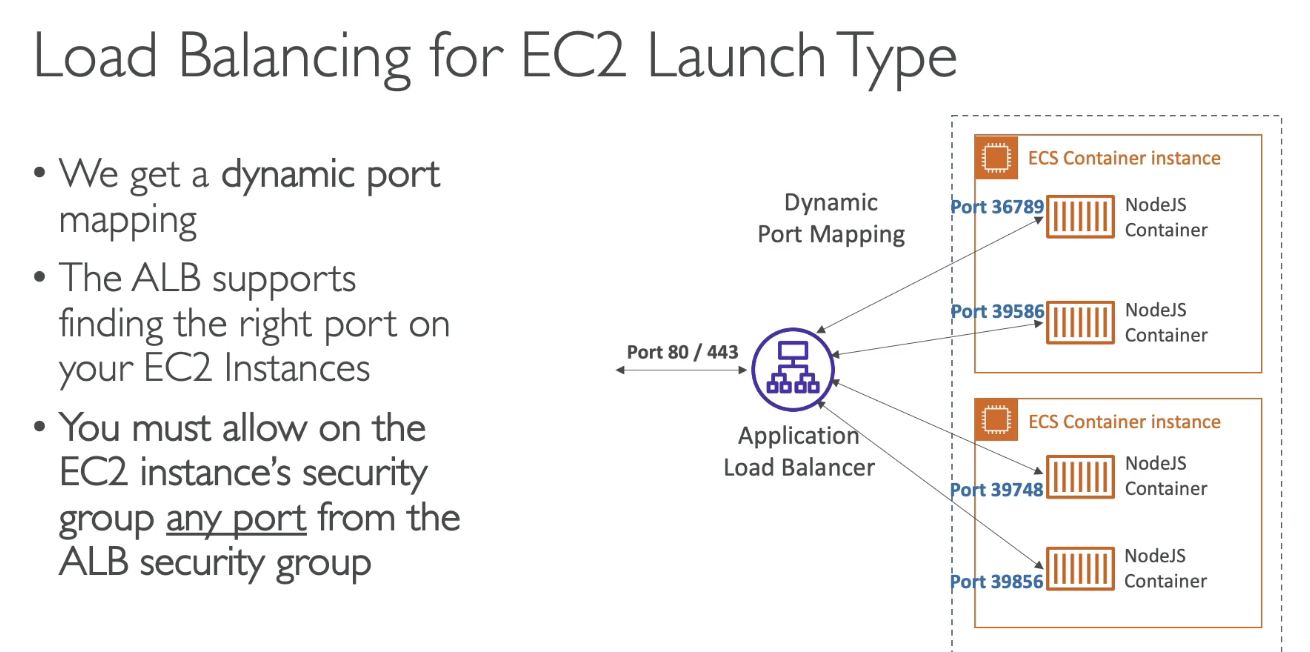
Diagram

Description automatically generated with low confidence

# 195. ECS Services & Tasks, Load Balancing

Diagram

Description automatically generated with medium confidence



Diagram

Description automatically generated with medium confidence

Diagram

Description automatically generated with low confidence

# 197. ECS Scaling

## CPU Usage

Chart

Description automatically generated with medium confidence

## SQS Queue

A picture containing diagram

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# 198. ECS Rolling Updates

Graphical user interface, text, application, email

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* Min Healthy Percent – you are allowed to terminate all the version1 tasks in the R.H.S, as long as the capacity meets the min healthy percent
* Max Healthy Percent – How many new tasks you can create of the version2, to basically roll update your service.

Graphical user interface, diagram, Teams

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Graphical user interface, application, Teams

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# 199. ECR Overview

Graphical user interface, application

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It is a very light topic in the exam

# 200. EKS Overview

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Remember:

* EKS is for Kunernetes
* EKS is cloud-agnostic

Graphical user interface, application

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