Want to run container on AWS, but how ?

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Solutions Architect
AWS

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Nearly 80%

of all cloud containers run on Amazon Web Services (AWS) today.

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IMAGE REPOSITORY

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AWS
App Runner

COMPUTE

AWS
Fargate

Amazon
EC2

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Shared responsibility on AWS

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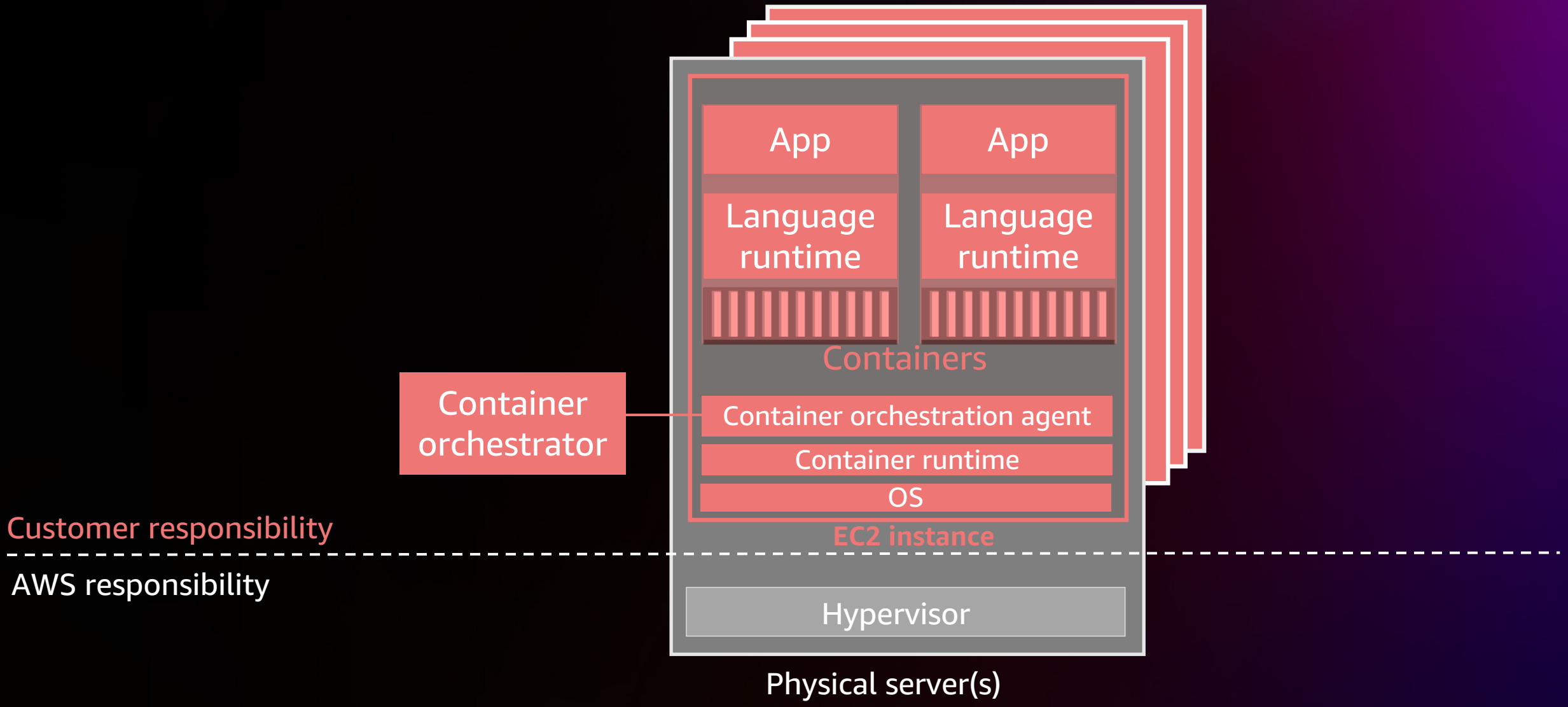
Early days of container on AWS (2013)



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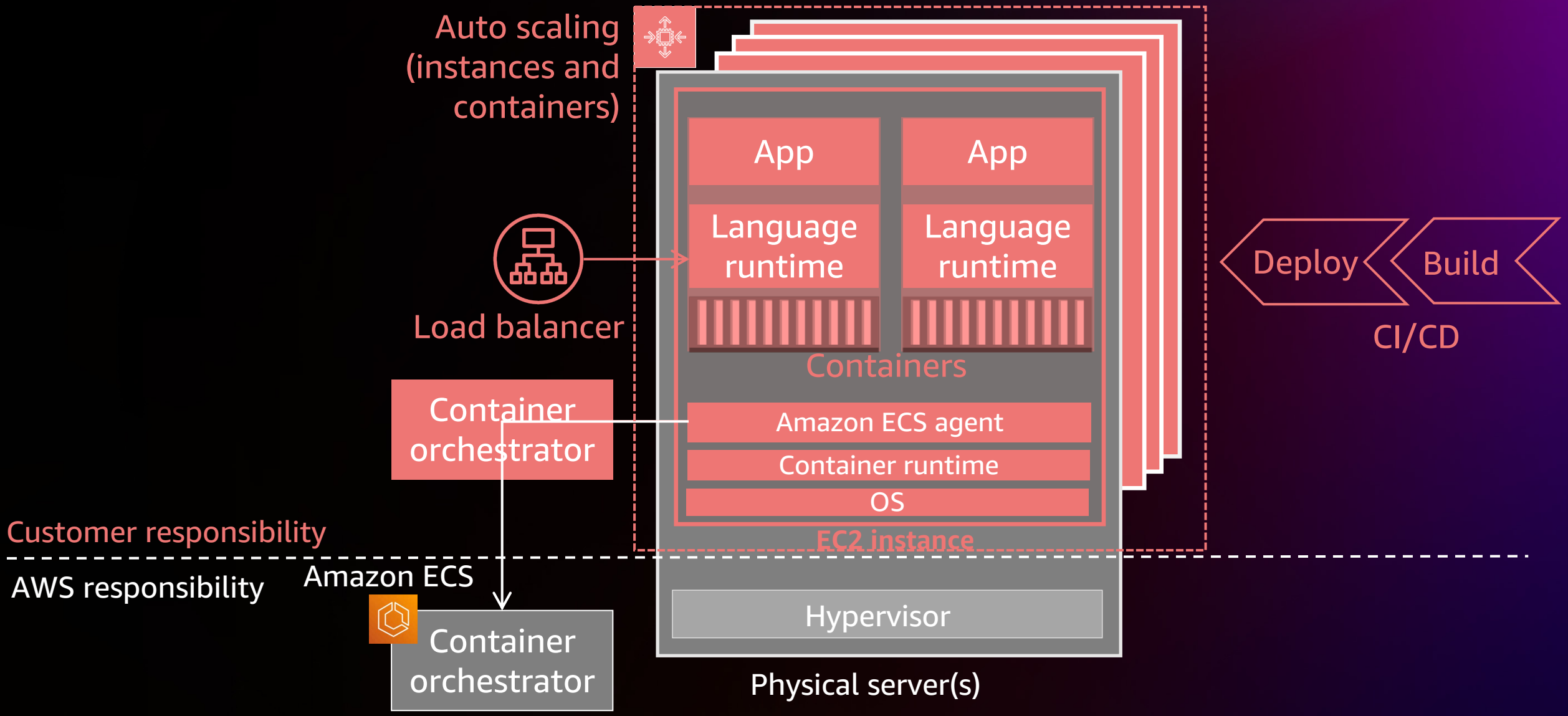
Amazon Elastic Container Service (ECS) (2015)



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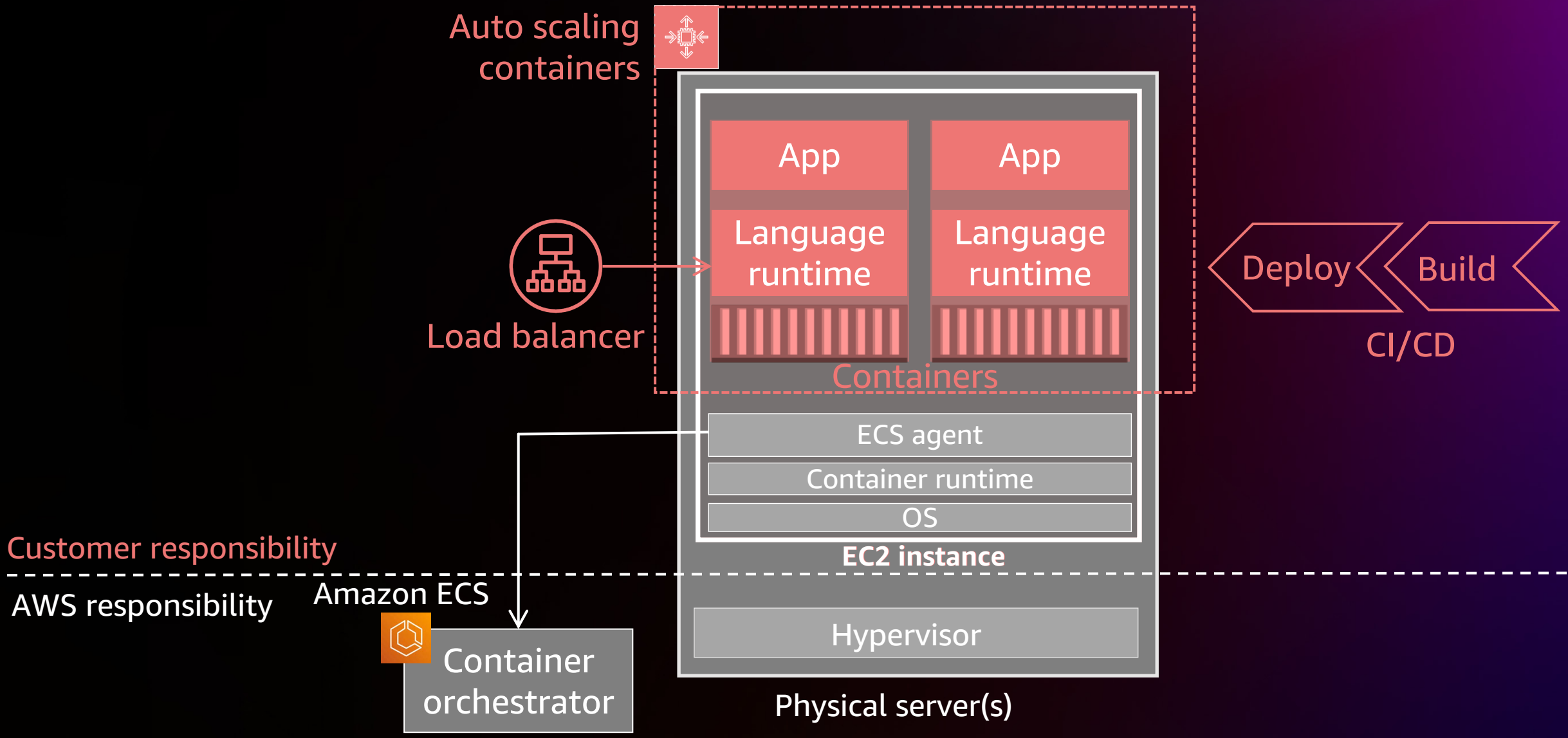
AWS Fargate (2017)



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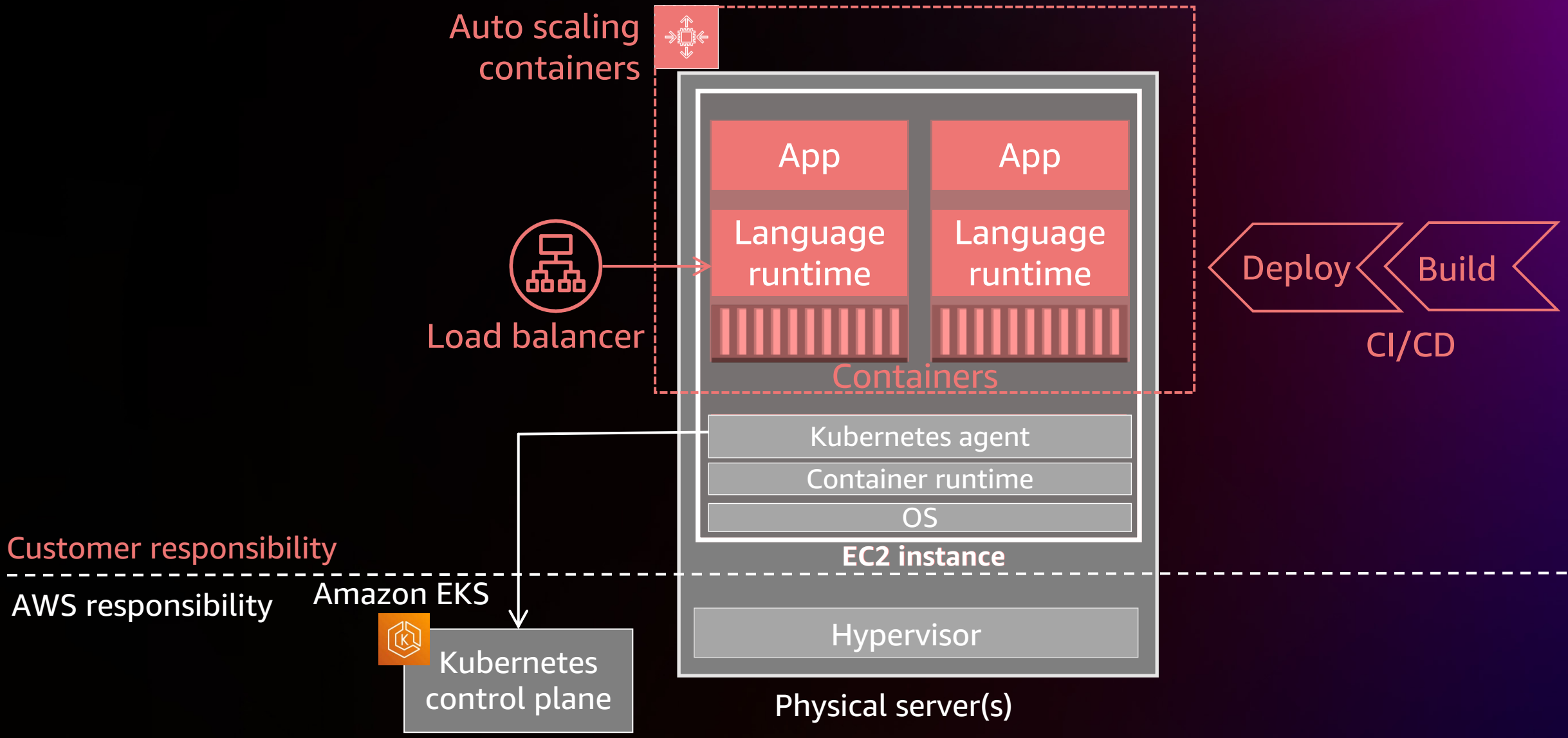
Amazon Elastic Kubernetes Service (2018)



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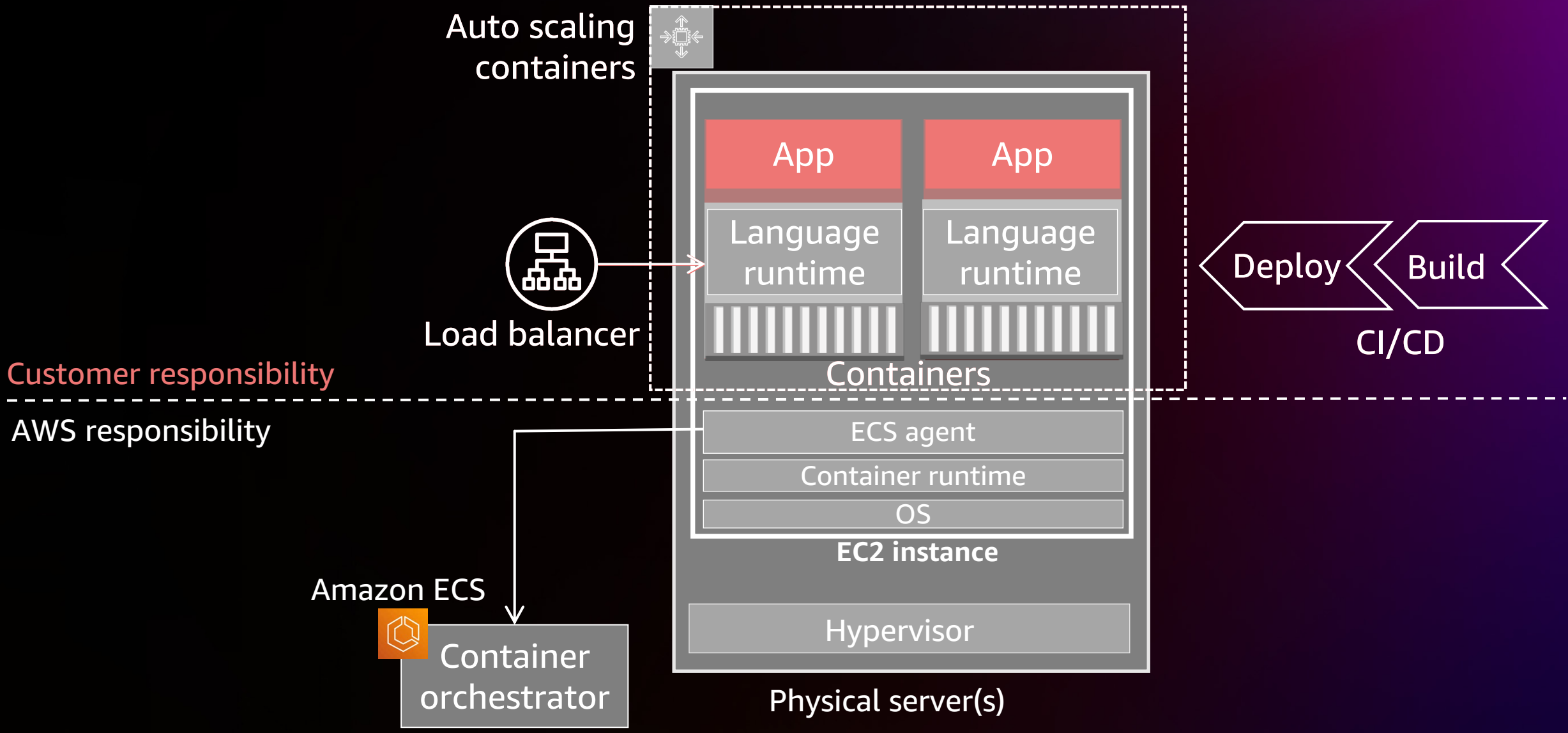
AWS App Runner (2021)



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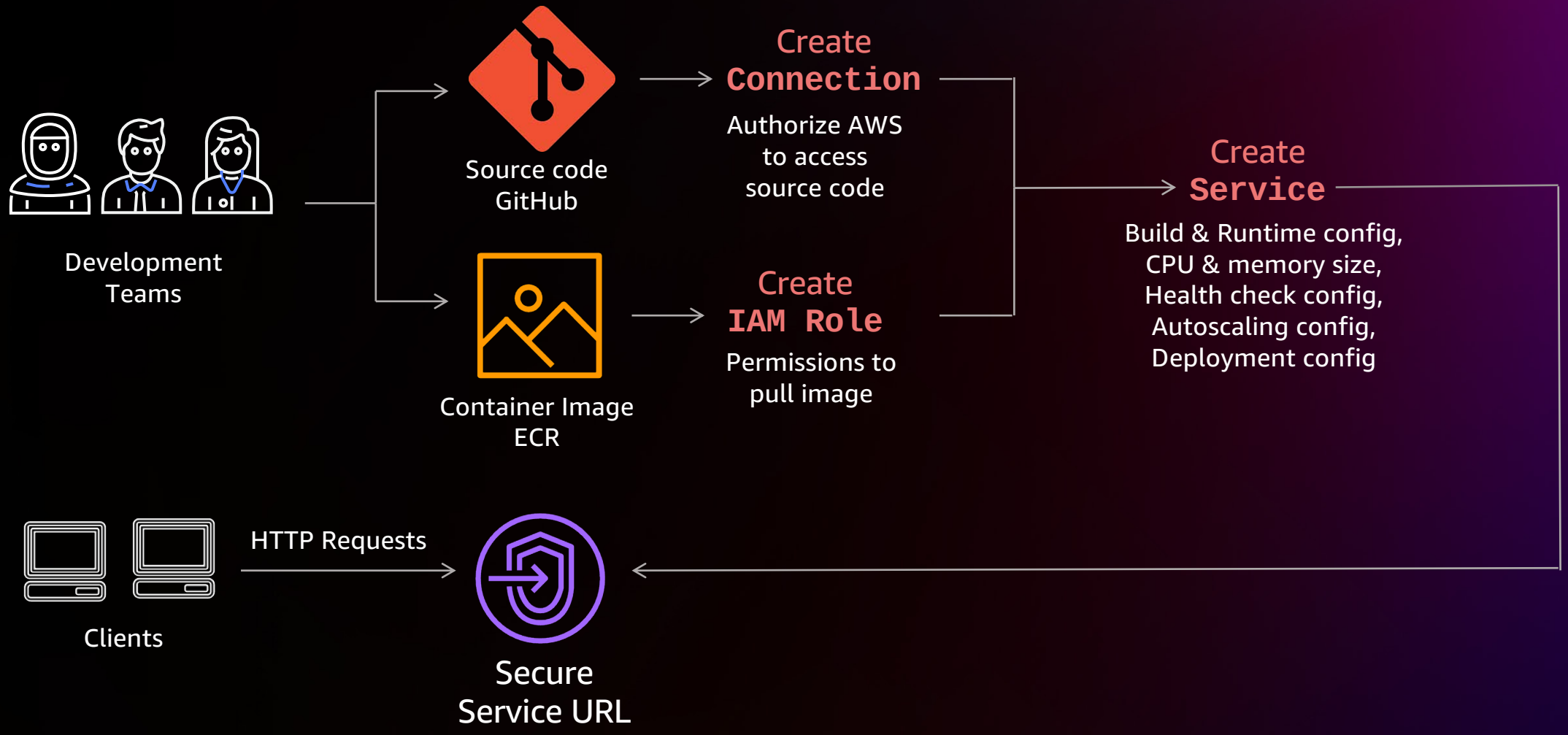
AWS App Runner experience



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Running a container in action

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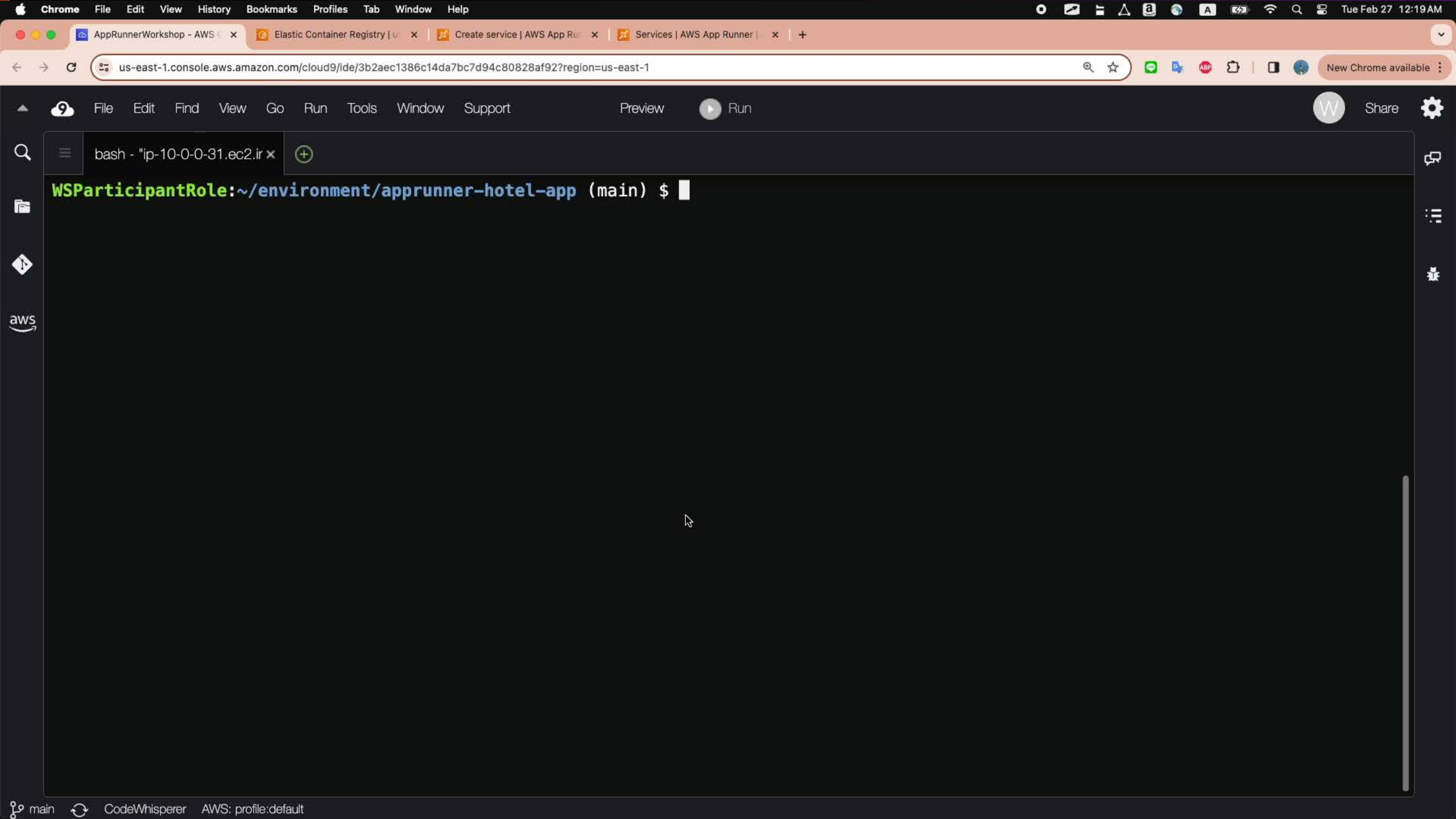
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Preview
Run
Share
bash - "ip-10-0-0-31.ec2.ir
WSParticipantRole:~/environment/apprunner-hotel-app (main) $
main
CodeWhisperer
AWS: profile:default

How to choose it then?

Aspect	AWS App Runner	Amazon ECS	Amazon EKS
Operational complexity and flexibility	Low	Medium	High
Scalability	Automatic	Automatic based on configuration	Automatic based on configuration
Cost optimization capability	Low	High	High

***Always start your experiments with the highest abstraction service, only move down if you need to. ***

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Success isn't about following trends or popularity. It's about choosing solutions that match your vision and drive your goals.

aws

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Thank you!

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