

Want to run container on AWS, but how ?

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Nearly 80%

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



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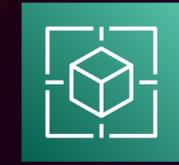
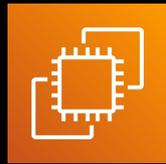
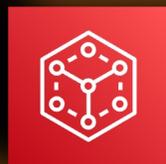
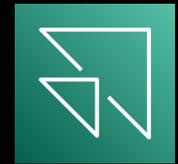


IMAGE REPOSITORY



Amazon
ECR

ORCHRESTRATION



Amazon
ECS



Amazon
EKS

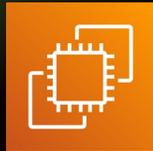


AWS
App Runner

COMPUTE



AWS
Fargate

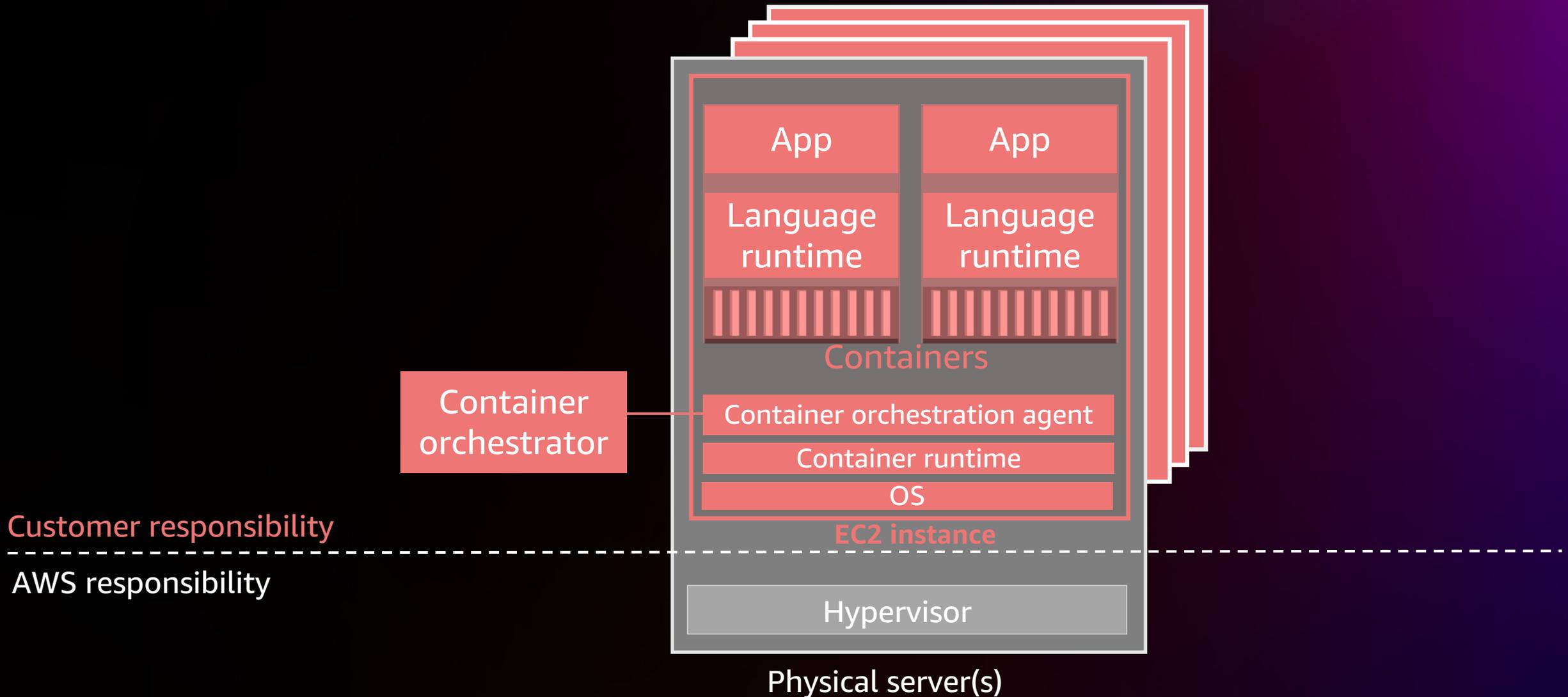


Amazon
EC2

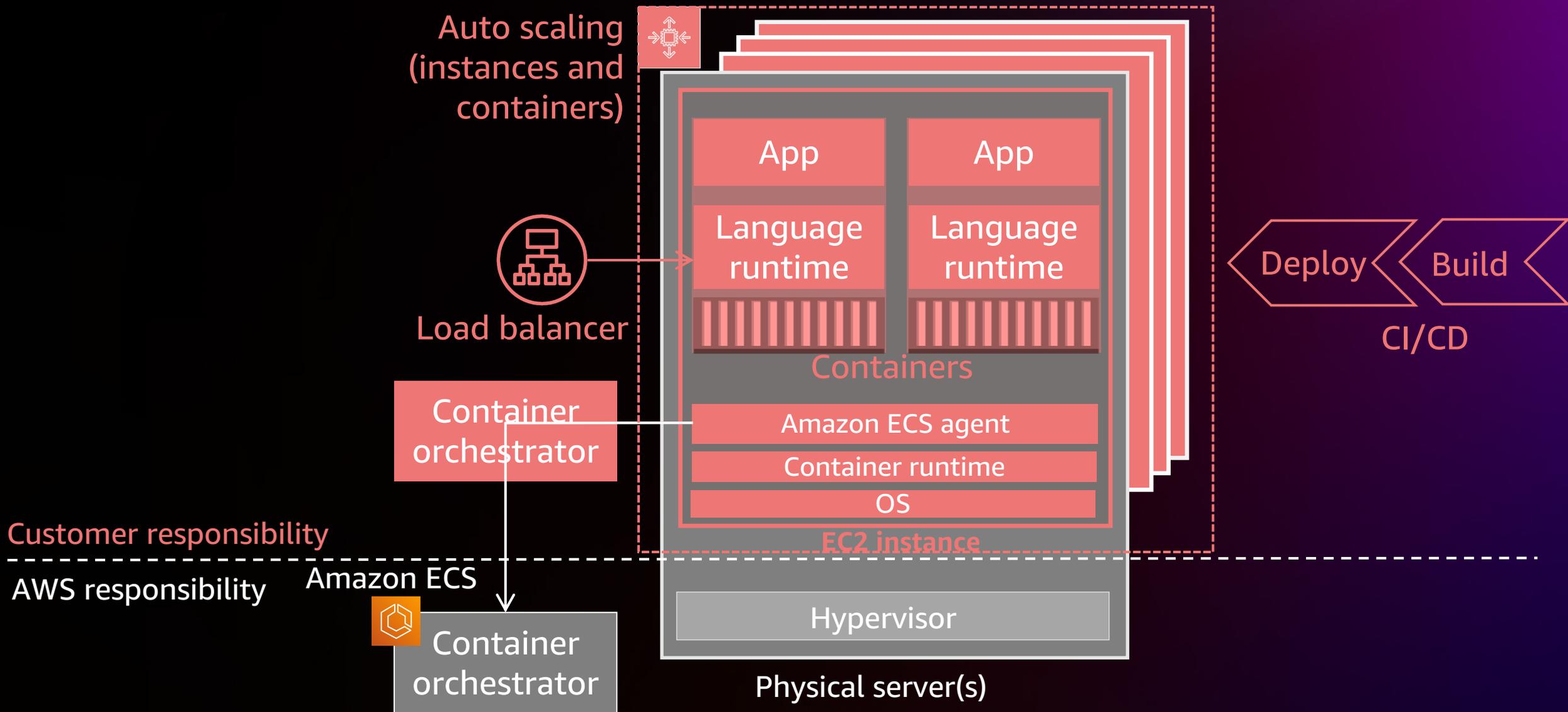


Shared responsibility on AWS

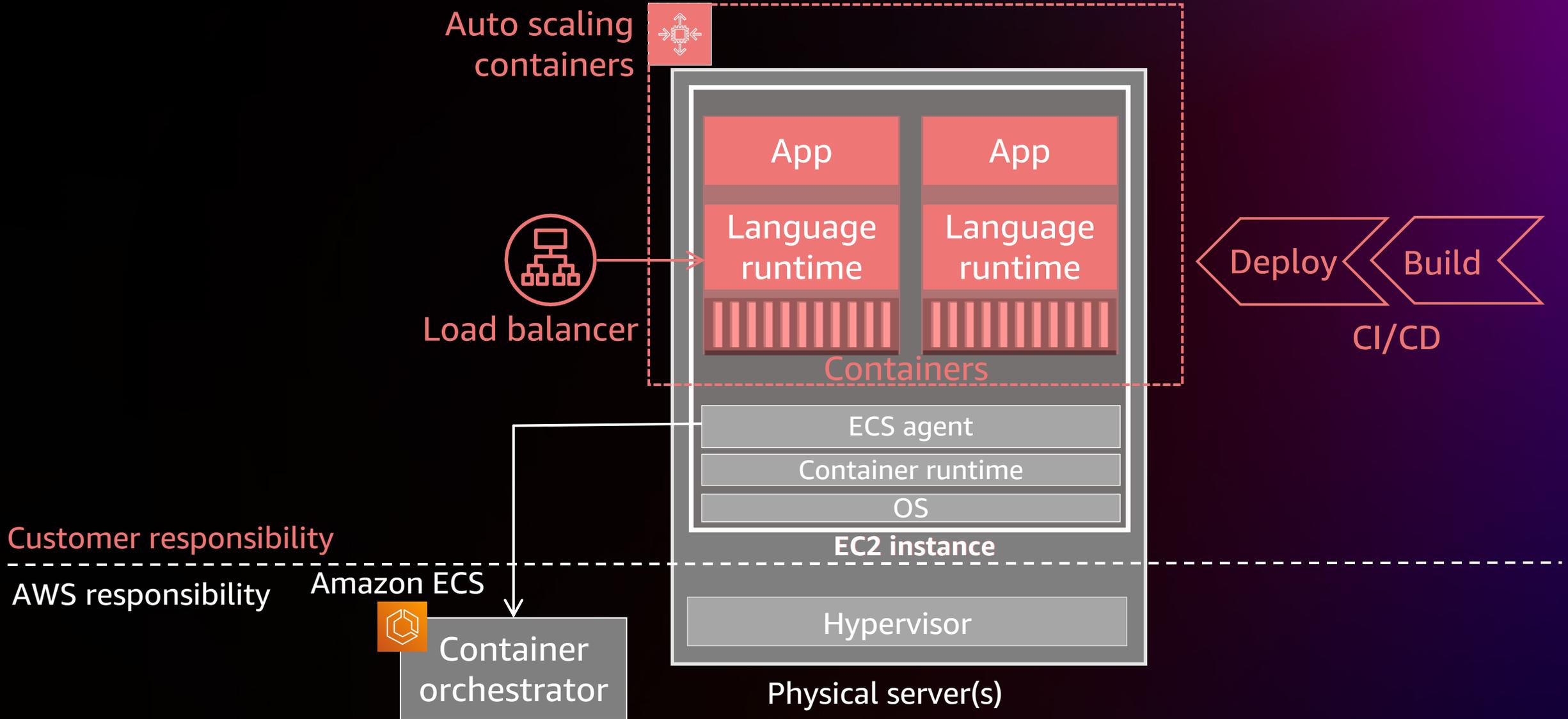
Early days of container on AWS (2013)



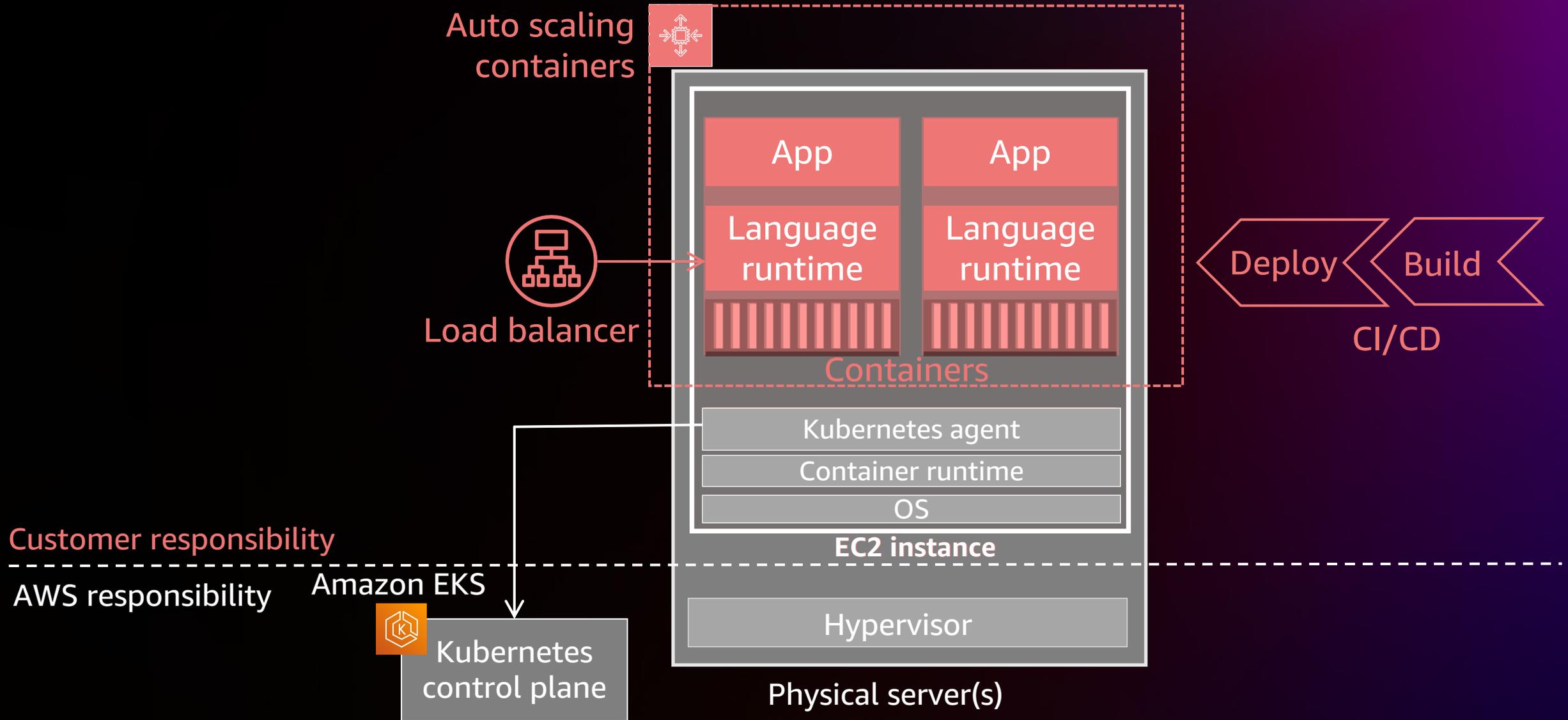
Amazon Elastic Container Service (ECS) (2015)



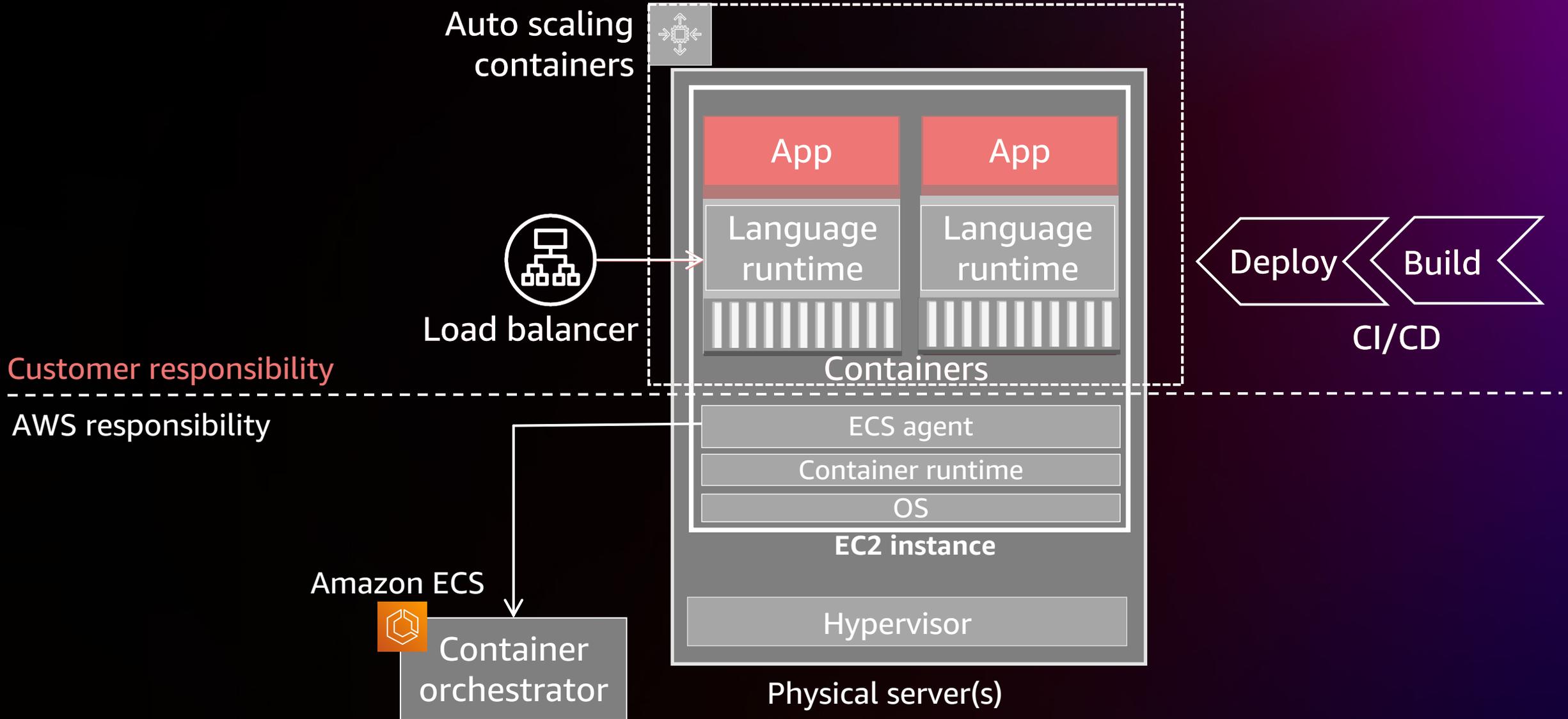
AWS Fargate (2017)



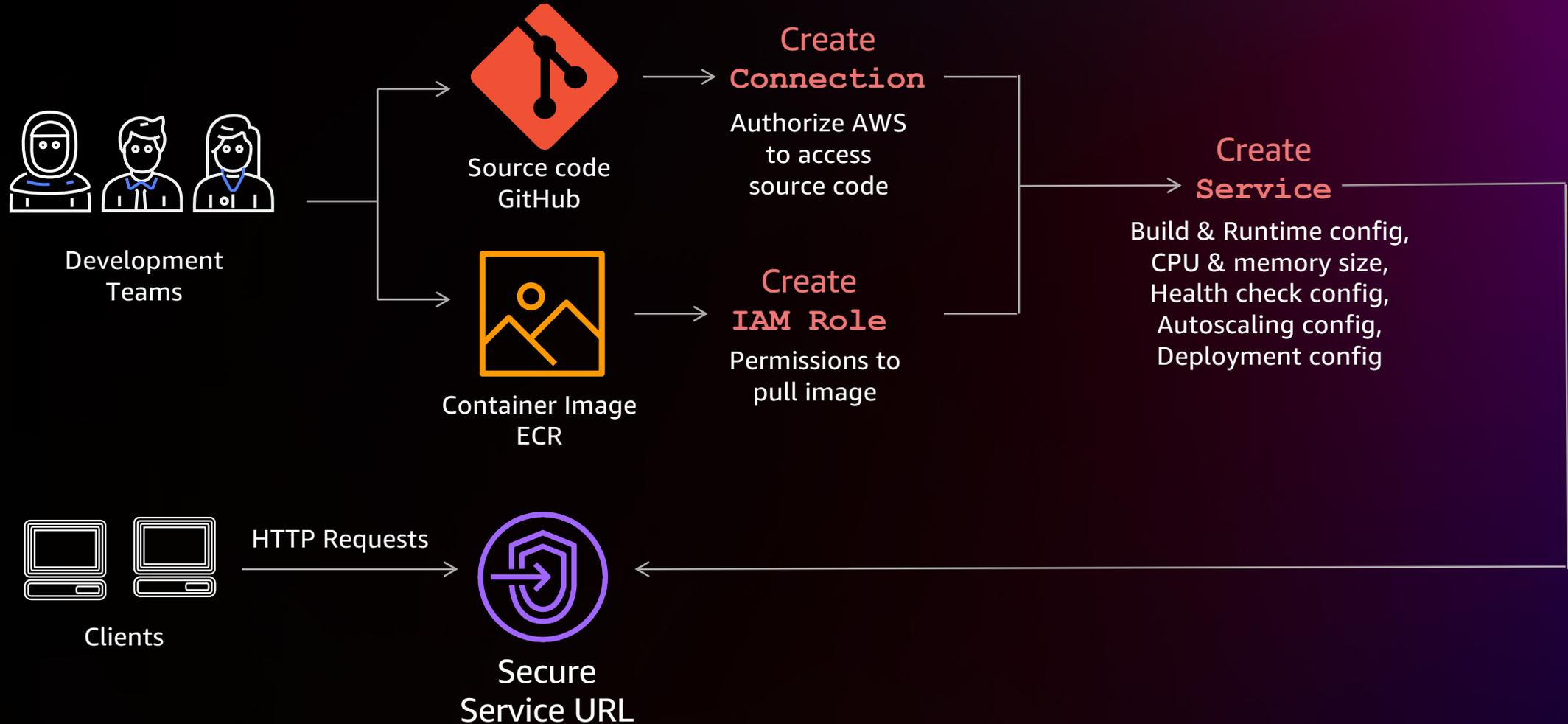
Amazon Elastic Kubernetes Service (2018)



AWS App Runner (2021)



AWS App Runner experience



Running a container in action



```
bash - "ip-10-0-0-31.ec2.ir x (+)  
WSParticipantRole:~/environment/apprunner-hotel-app (main) $
```

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. *****

Ensuring Consistency: Using IaC for AWS Container Platforms

TypeScript, JavaScript, Python,
Java, C#/.NET, and Go



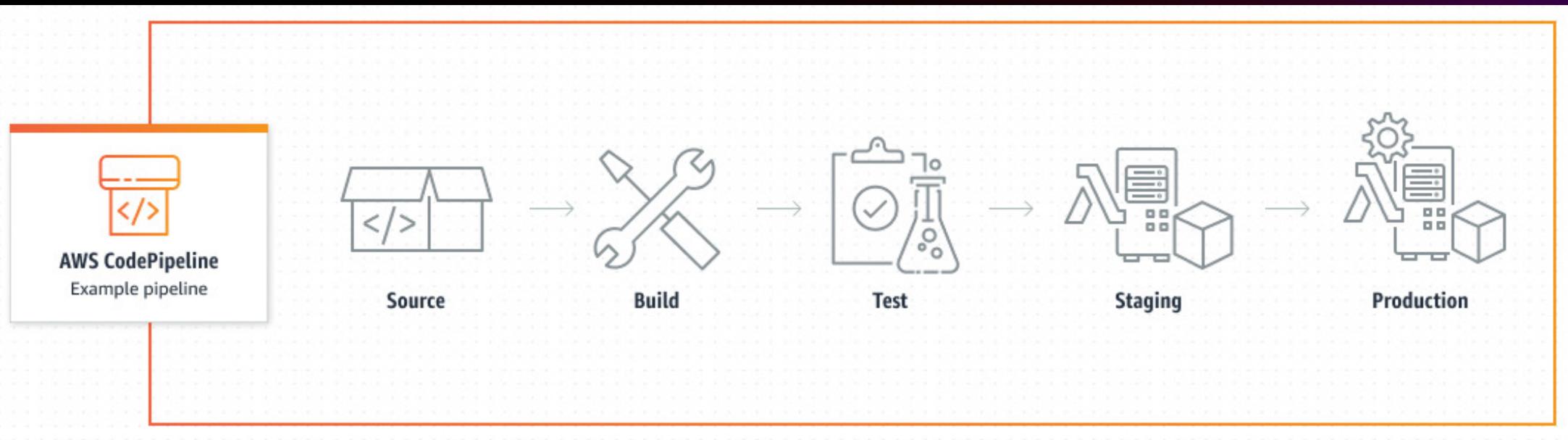
AWS Cloud Development
Kit (AWS CDK)



AWS CloudFormation



HashiCorp Terraform





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

Thank you!

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