AWS
re:Invent
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Containers for scaling games

Serge Poueme

Senior Solutions Architect
AWS

Yahav Biran

Principal Solutions Architect
AWS

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Agenda

1. Building games on AWS
2. Challenges with hosting online games
3. Benefits of containers for game servers
4. What are we building today?
5. Learning outcomes
6. Workshop

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Learning outcomes

- Build games in the cloud
- Modernize game server hosting
- Scale your games on Amazon EKS

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Building games on AWS

90%+ of the world's biggest public game companies use our infrastructure

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Challenges with hosting online games

- Multiplayer experience
- Service availability
- Data transfer
- Game & data protection
- Live operations

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Benefits of containers for game servers

AWS Well-Architected game servers

Performance efficiency | **Operational excellence**

Reliability | **Security** | **Cost optimization**

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What are we building today ?

Containerized game hosted on Kubernetes

Game server container

Amazon Elastic Container Registry (Amazon ECR)

CI/CD pipeline

AWS CodePipeline

AWS CodeBuild

Kubernetes cluster

Amazon Elastic Kubernetes Service (Amazon EKS)

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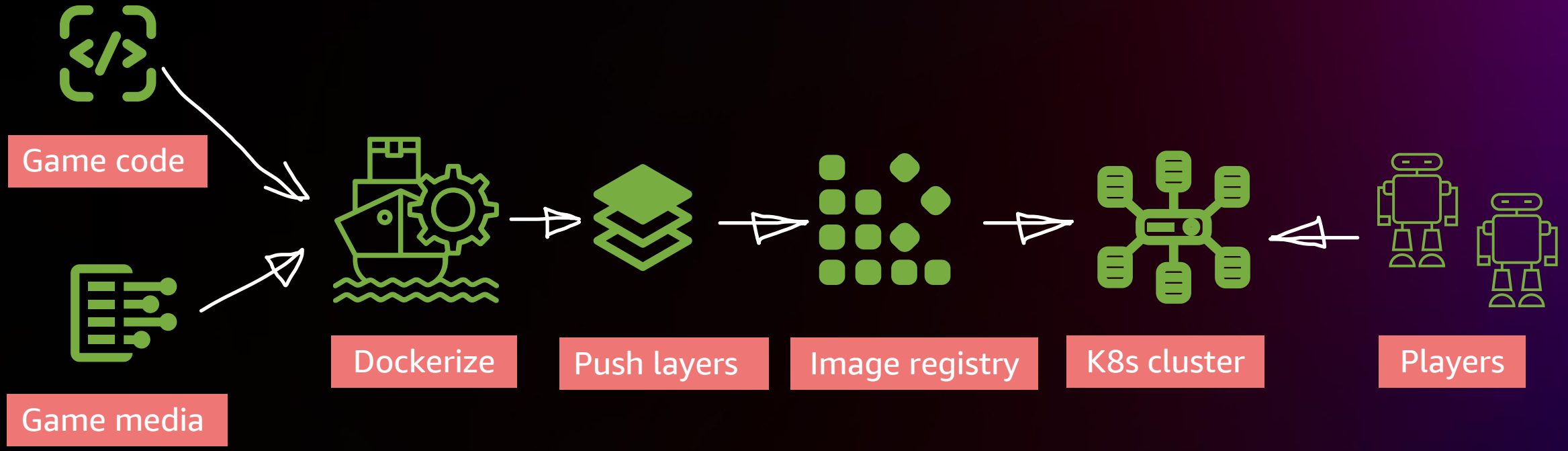
What are we building today ?



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Workshop

Lab provisioning
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Thank you!

Serge Poueme
pouemes@amazon.com

Yahav Biran
birayaha@amazon.com

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