



Prototyping and Cloud Engineering



Financial Services Industry

OPA on AWS

Introduction



Orchestrate Platform and Applications

FSI PACE

Platform Engineering Team

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DevOps Engineers in an Enterprise



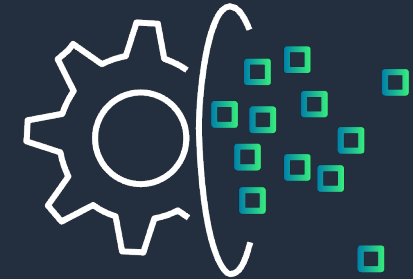
How to enable application developers?



Platform Engineering
as a tool

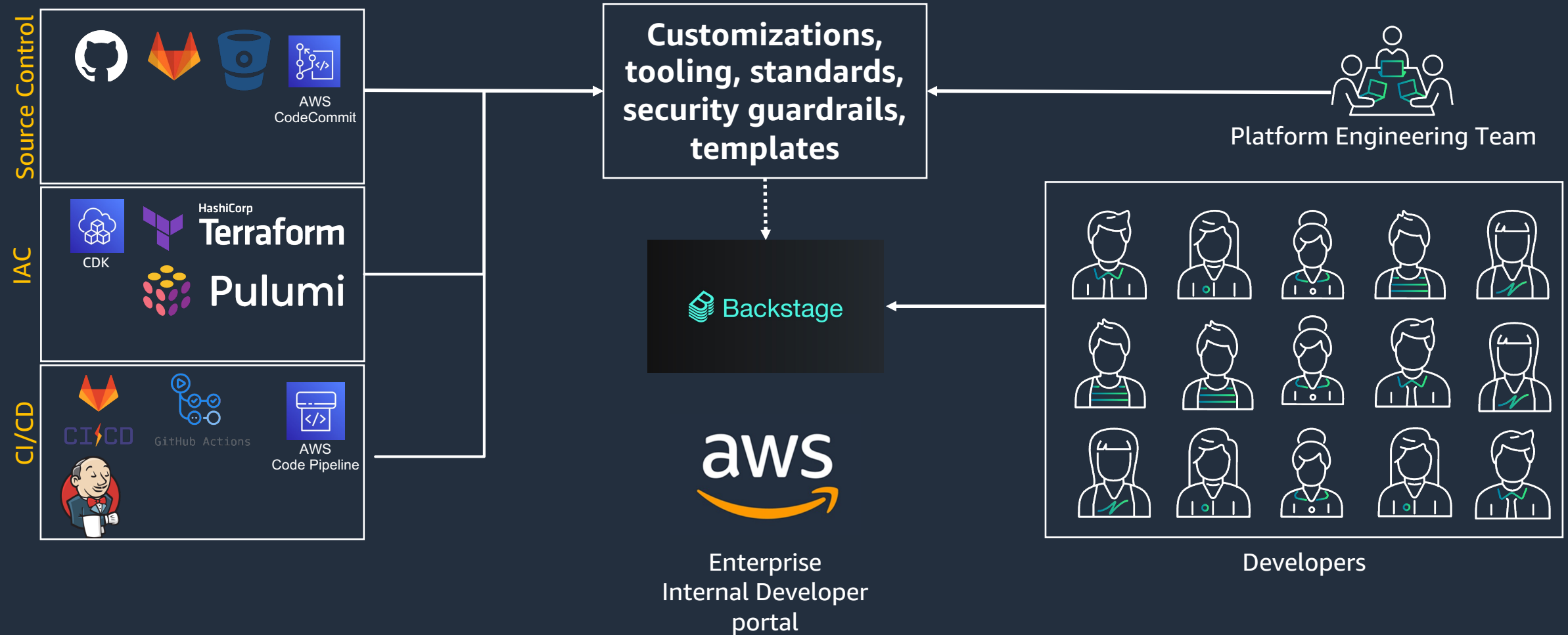


Customizations and
Enterprise Standards



Mass
Adoption

Developer Platform Methodology



What is OPA on AWS?



OPA – Orchestrate Platform and Applications

Foundations to build Integrated IDP with AWS



Source Code



Designed for Enterprise



Templates



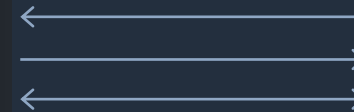
Examples



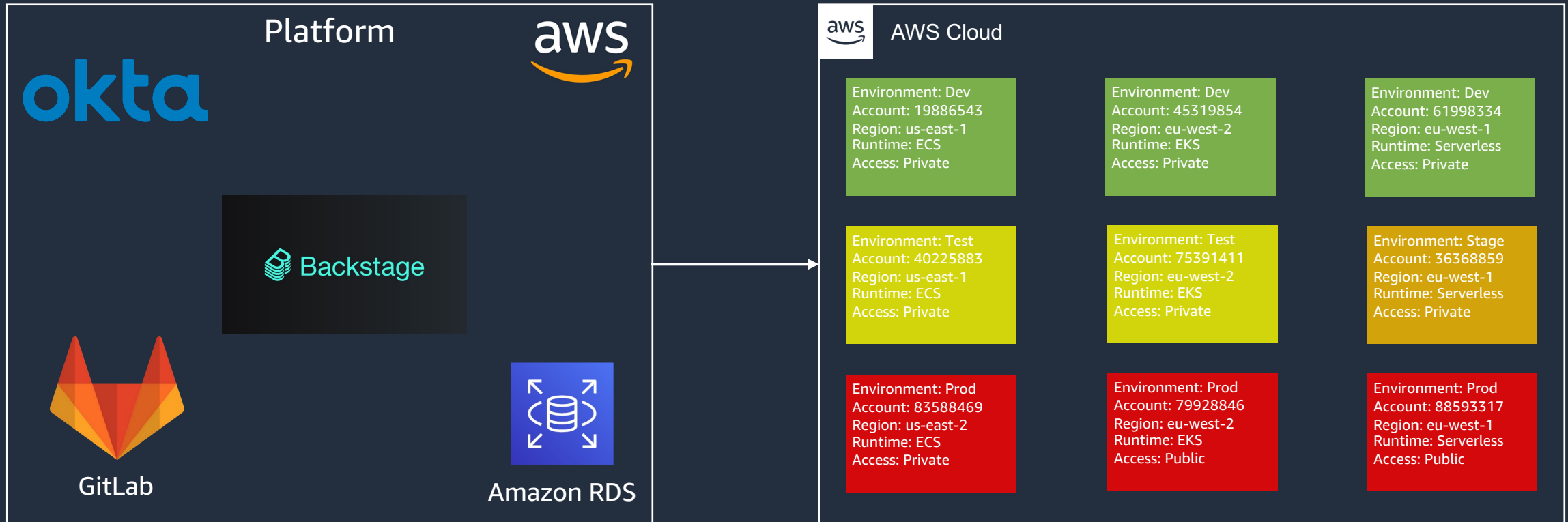
Backstage Plugins



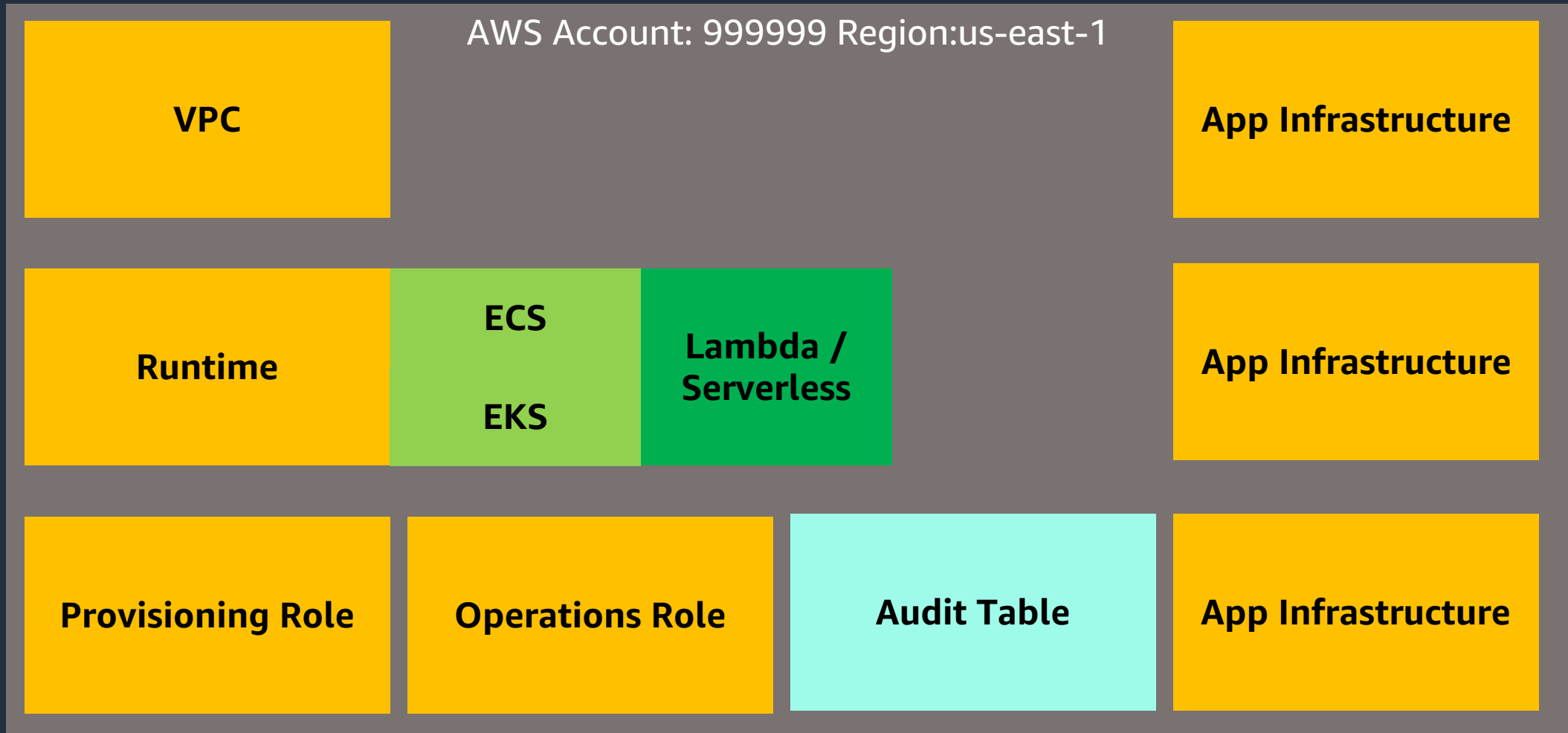
Security Best Practices



Getting Started



Environment Provider Overview



OPA on AWS *Features*



Enterprise-Ready IDP, built and designed for enterprises

- ✓ Segregated **access control** for applications and environments
- ✓ Multi Environment – based on **multi account/region** design
- ✓ Multiple runtime support for various applications: AWS **ECS**, AWS **EKS**, and **Serverless**
- ✓ Automatic environment provisioning on **AWS**
- ✓ Provisions different **Resources and Apps provisioning**: Node.js, Java SpringBoot, Python and more...
- ✓ **Resource Binding**: attach resources to application for easy and secure collaboration
- ✓ Automatic **deployment** to additional environments
- ✓ Centralized and abstracted **pipelines** for secured governance control
- ✓ Supporting different IAC including **CDK and Terraform**
- ✓ Easy **identity provider** replacement: Okta, AD or other, and **RBAC** implementation

Demo





Thank you!



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