Key Concepts and Core Services

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What we will cover

Identity and Access Management (IAM)

Audit logging with CloudTrail
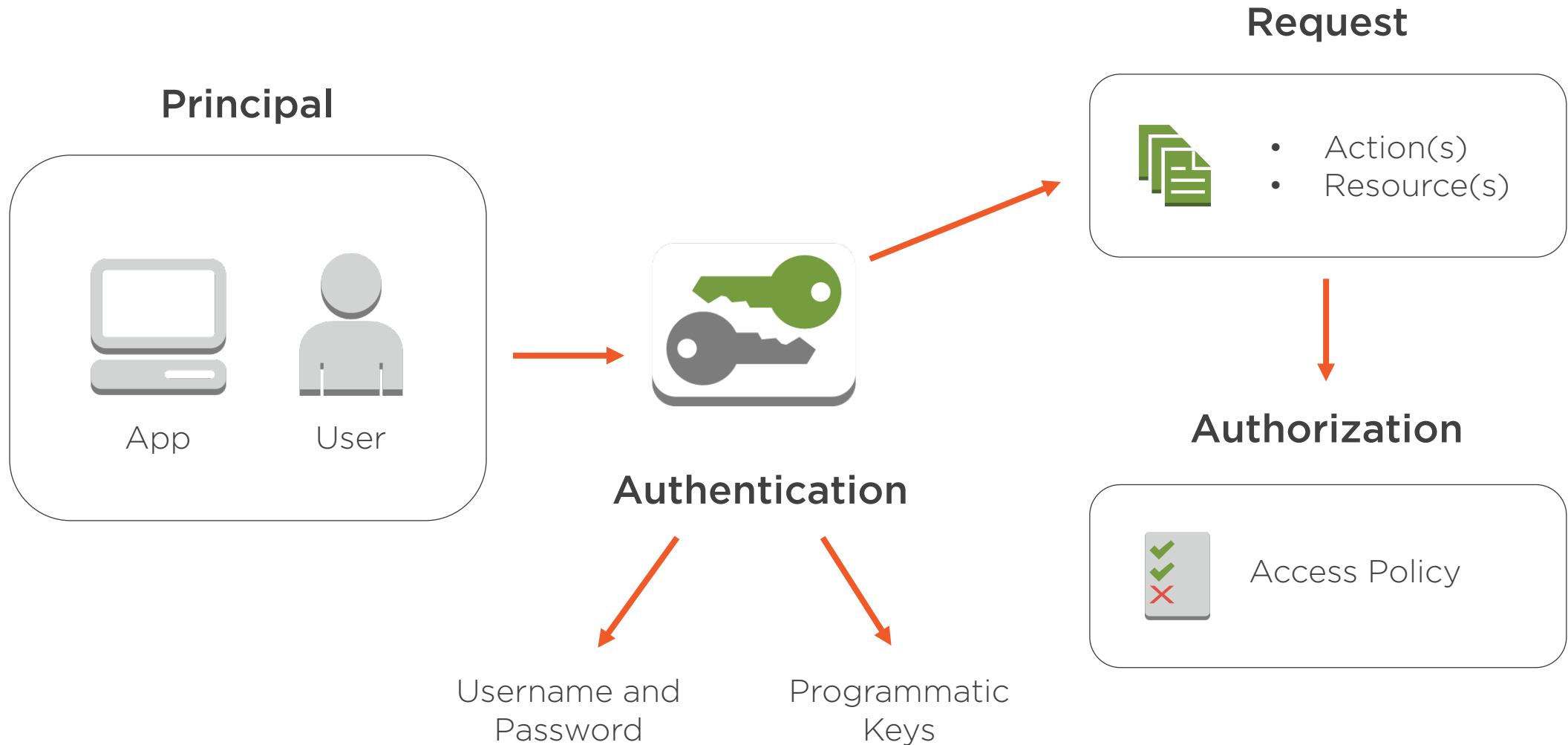
Configuring alerts with CloudWatch

Protecting from DDoS attacks using AWS Shield

Implementing change management with AWS Config

Managing service limits

Identity and Access Management (IAM)

Principal

App   User

Authentication

Username and Password

Programmatic Keys

Request

- Action(s)
- Resource(s)

Authorization

Access Policy

Summary

Follow IAM best practices

Audit API activity with CloudTrail

Create activity alerts with CloudWatch

Create AWS Config rules for change management

Use Trusted Advisor for managing service limits