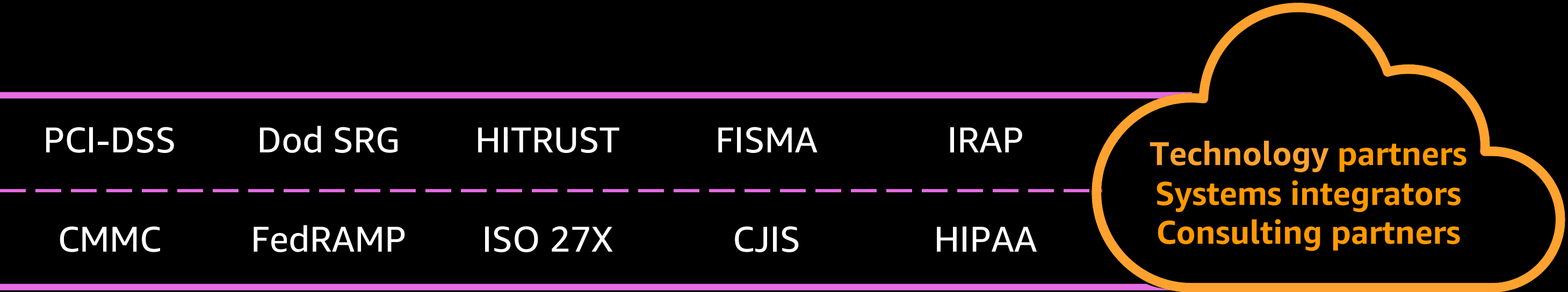


ATO on AWS: Compliance as code

Jason Cahill, WWPS VC & Startups

ATO on AWS

ACCELERATING SECURITY AND COMPLIANCE WORKLOADS



What is ATO on AWS?



Goal

Help customers, partners, independent solution vendors (ISVs)

Outcomes

Accelerates security and compliance authorization process

Reduces cost and time (average 18-24 months)–FedRAMP

Provides reusable artifacts including guidance, templates, tools, and pre-built templates from AWS Solutions

Builds and optimizes DevOps, SecOps, Continuous Integration/Continuous Delivery (CI/CD), Continuous Risk Treatment (CRT) strategies

Develops proven techniques using the Security Orchestration, Automation and Response (SOAR) methodology

ATO on AWS program

Guiding tenets for ATO on AWS



Automation leverages *Infrastructure as Code* concepts

Certification optimizes security processes

Validation enables continual tests and monitoring of security configurations

Empowerment emboldens informed decision-making and drives change

AWS Partner-driven process

Breaking it down



- ✓ Training
- ✓ Tools
- ✓ Pre-built, automated deployment capabilities
- ✓ Control implementation details
- ✓ Pre-built artifacts
- ✓ Direct engagement
- ✓ Qualified system integrators
- ✓ Visibility and marketing

Implement security and compliant architectures

Goal

Verifiable compliance control solution for regulated workloads

Outcomes

Accelerated path to production

Improved compliance and security posture

Reduction in noncompliant findings and rework

Demonstrable controls to support the assessment process



Visibility and marketing for ISVs

ATO on AWS designation



- ✓ FedRAMP on AWS
- ✓ DoD SRG on AWS
- ✓ CJIS on AWS
- ✓ PCI on AWS
- ✓ HITRUST on AWS
- ✓ IRS-1075 on AWS

ISV ATOs for solutions published and marketed on the ATO on AWS landing page, with the option of a written or video case study

ATO on AWS APN designations for solutions that can be used by ISVs in their marketing artifacts and materials

Real-world examples:

Smartsheet

- Leveraged tools and partners available through the ATO on AWS program
- Accelerated from no presence in AWS GovCloud (US) to FedRAMP compliant in less than 90 days

Innovest Systems and Coalfire

- Innovest Systems turned to ATO on AWS Partner Coalfire for advisory services to build a FedRAMP-compliant platform
- Platform was built in less than six months, and they were able to attract a new government customer and reduce costs

Benefits

ATO on AWS?



Reduce effort to deploy security configurations and collect audit data required to meet compliance requirements for solutions on AWS

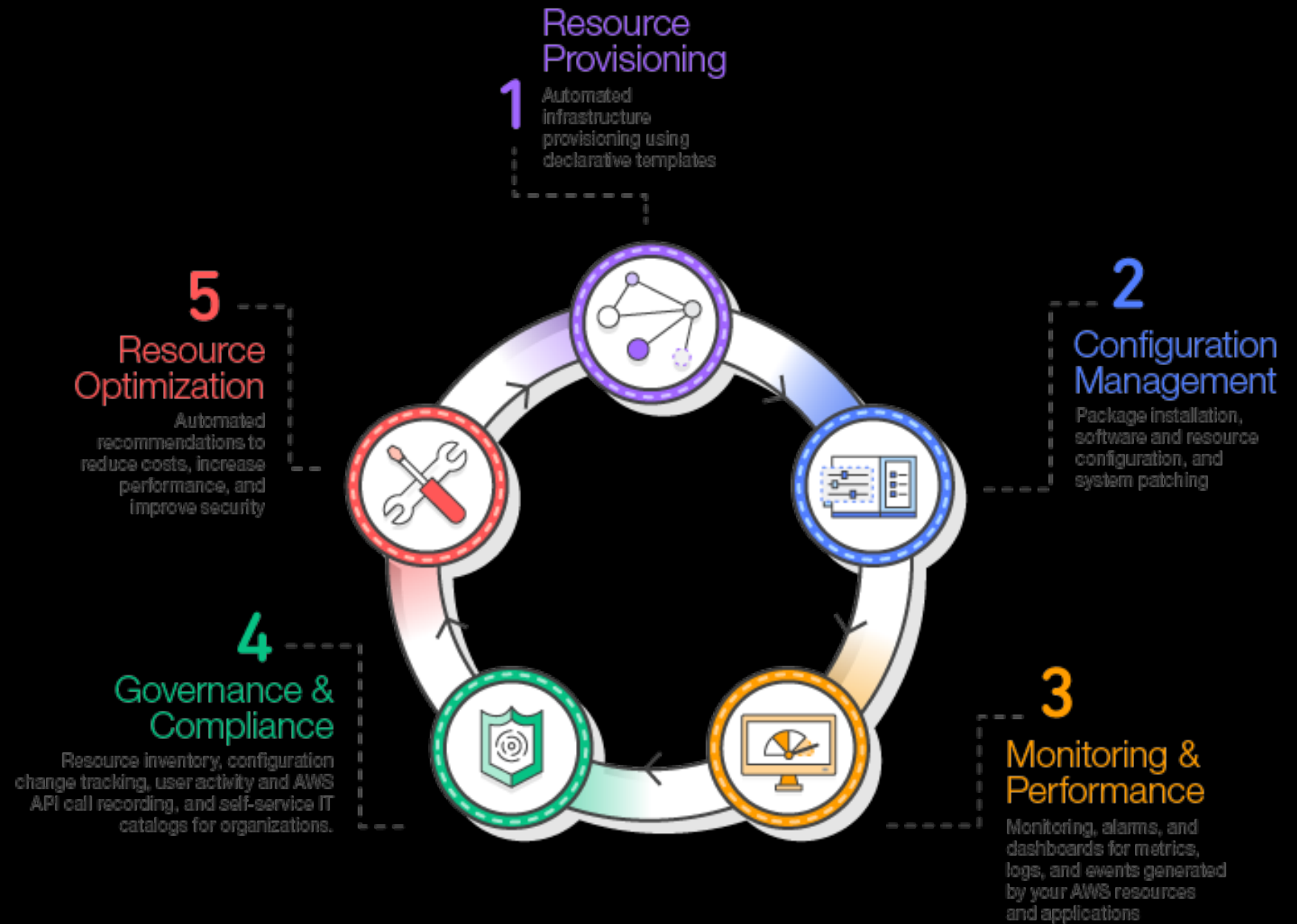
Build an end-to-end automation capability to streamline regulated workload deployments

Collaborate in joint partner programs supported by AWS to develop and deliver unique capabilities and solutions

Works with qualified system integrators:

- ✓ To build and support environments that meet compliance standards and requirements
- ✓ To minimize and simplify ISV's area of responsibility by offloading hosting and compliance management

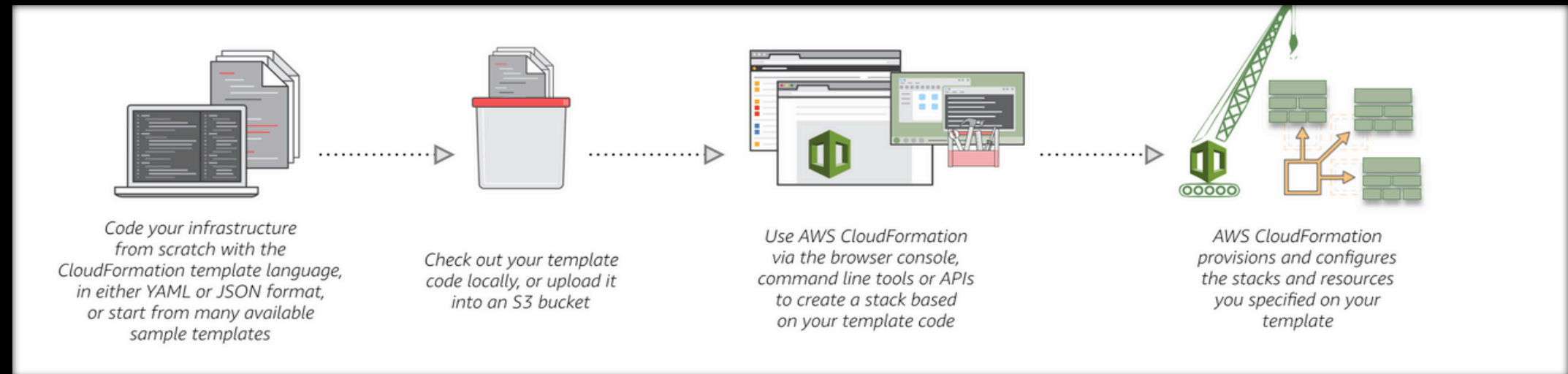
Optimized cloud risk management



Resource provisioning

Automate and deploy

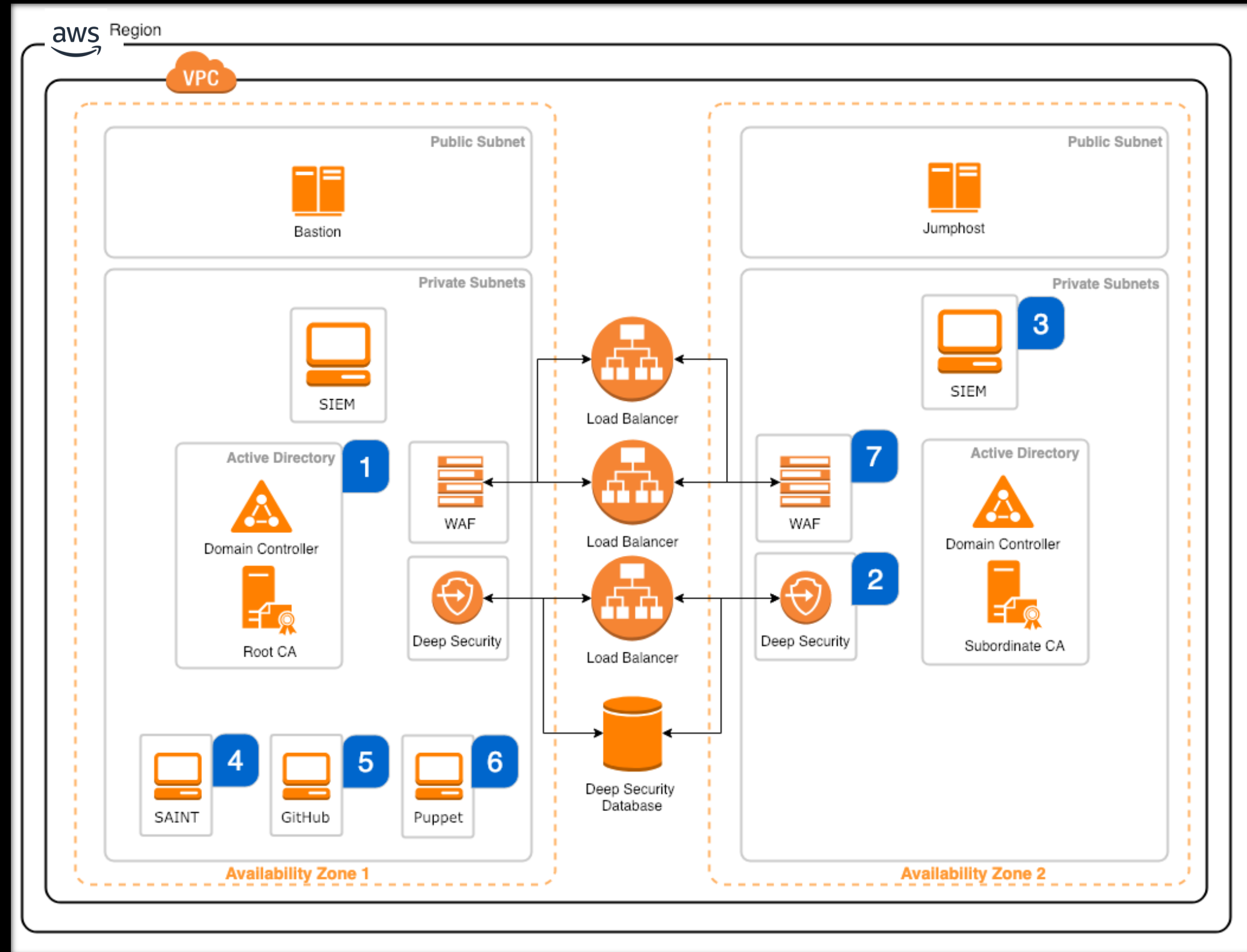
AWS CloudFormation provisions your resources in a safe, repeatable manner, allowing you to build and rebuild your infrastructure and applications without having to perform manual actions or write custom scripts



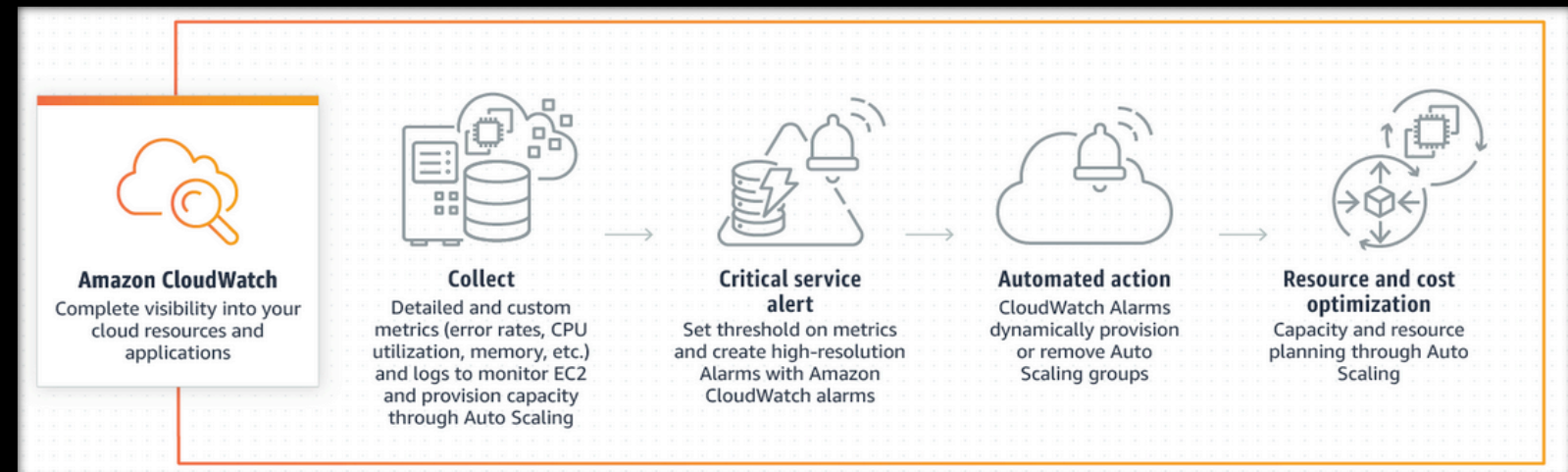
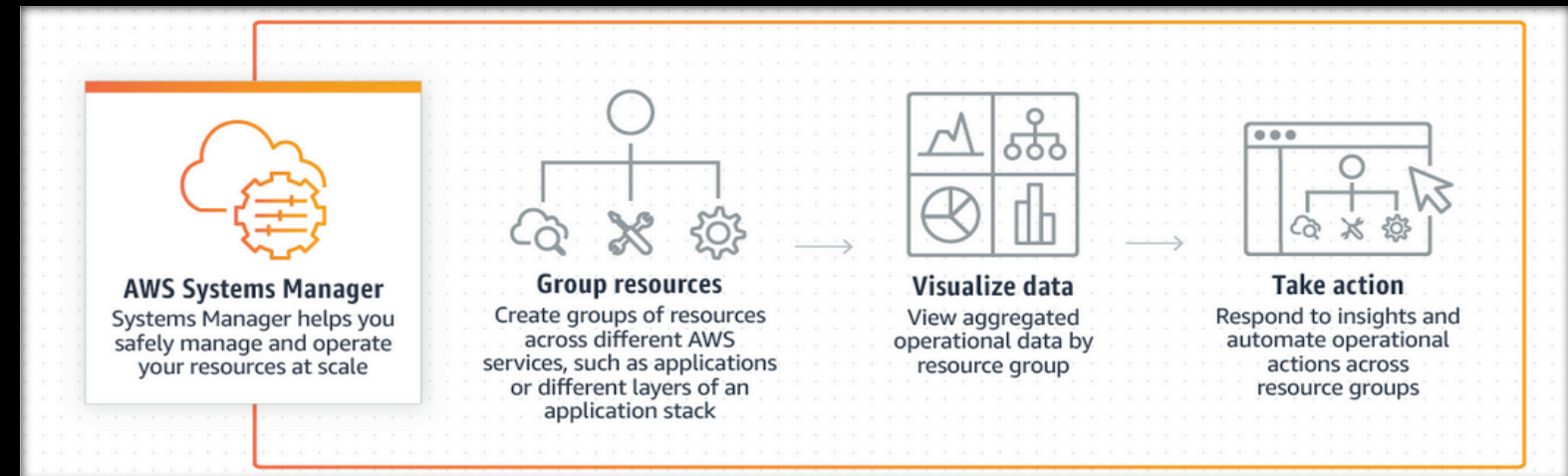
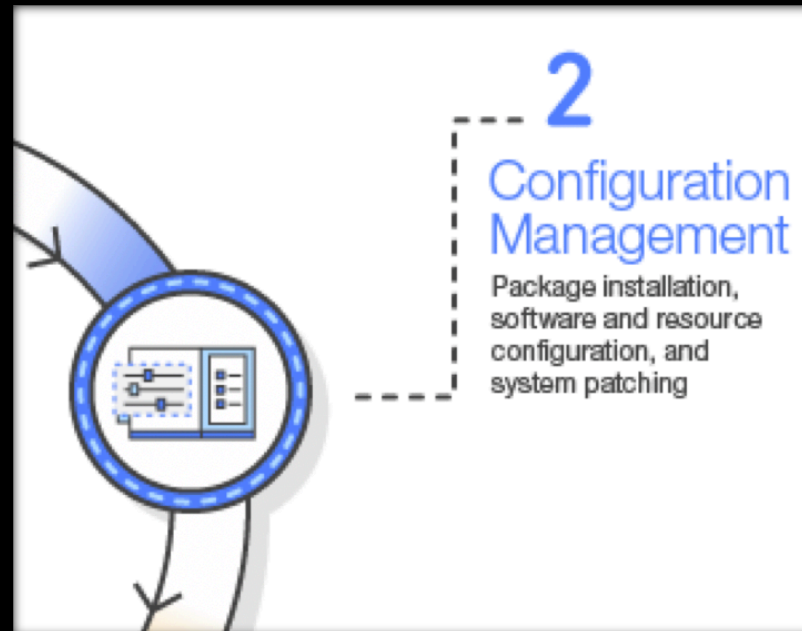
Automated architecture



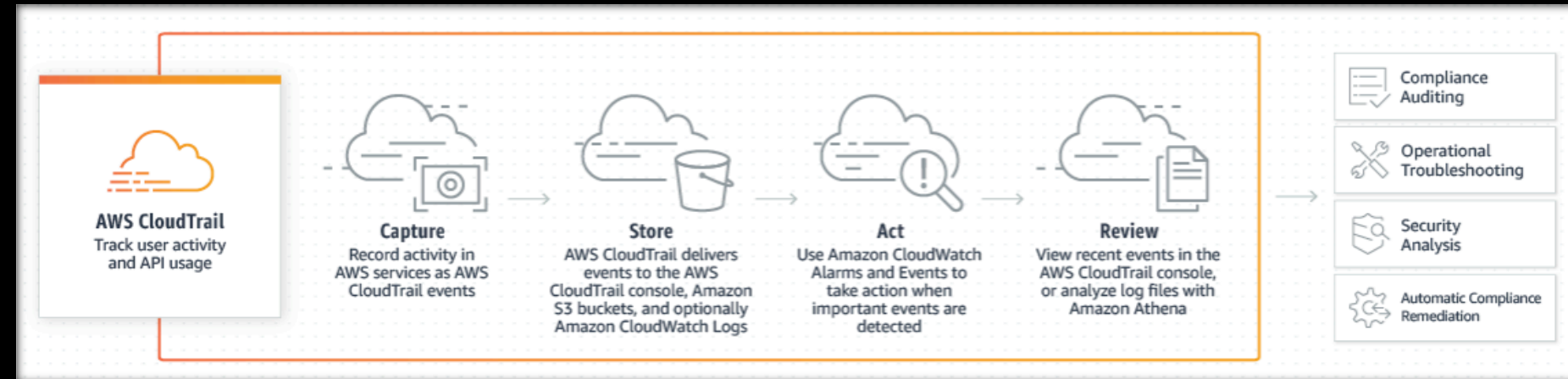
Templated infrastructure provisioning



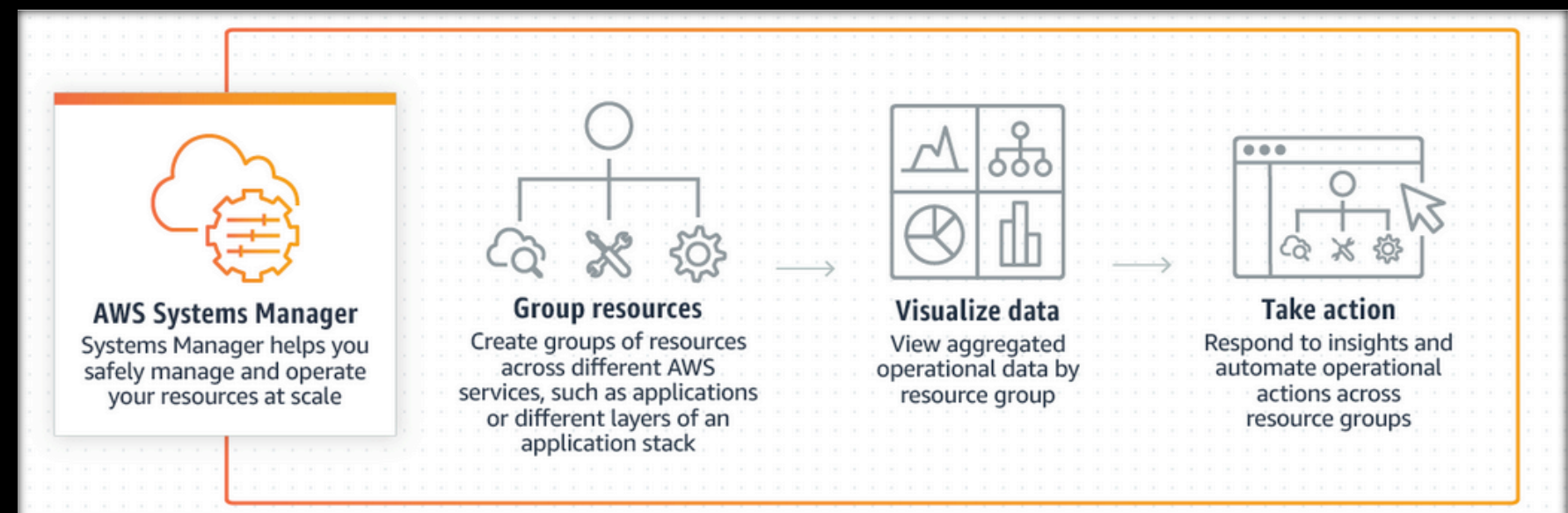
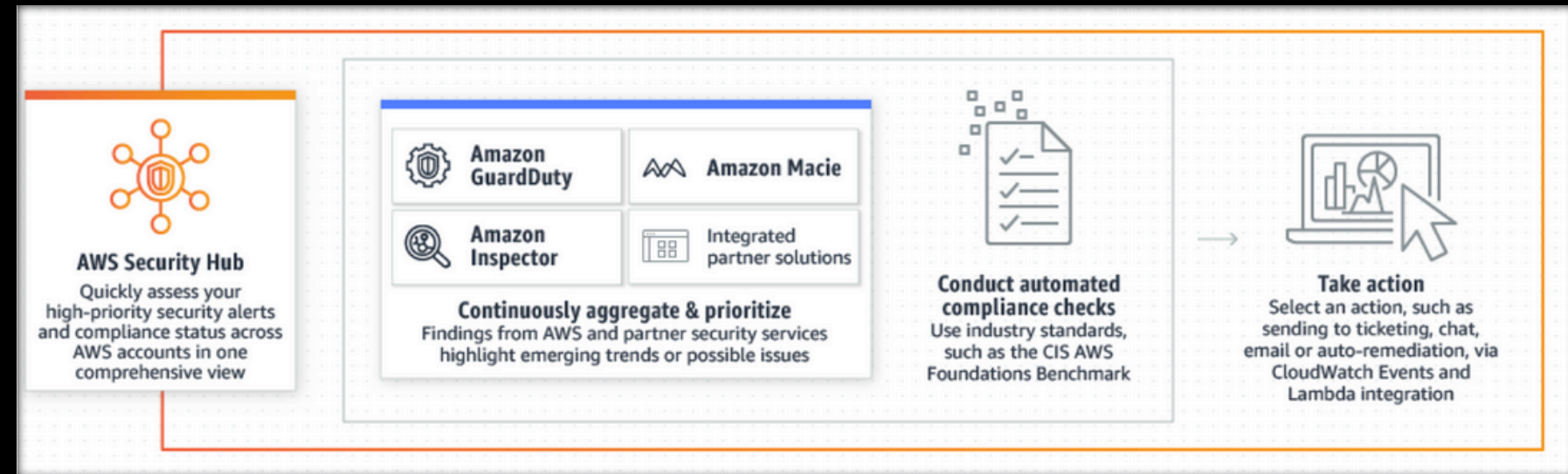
Configuration management



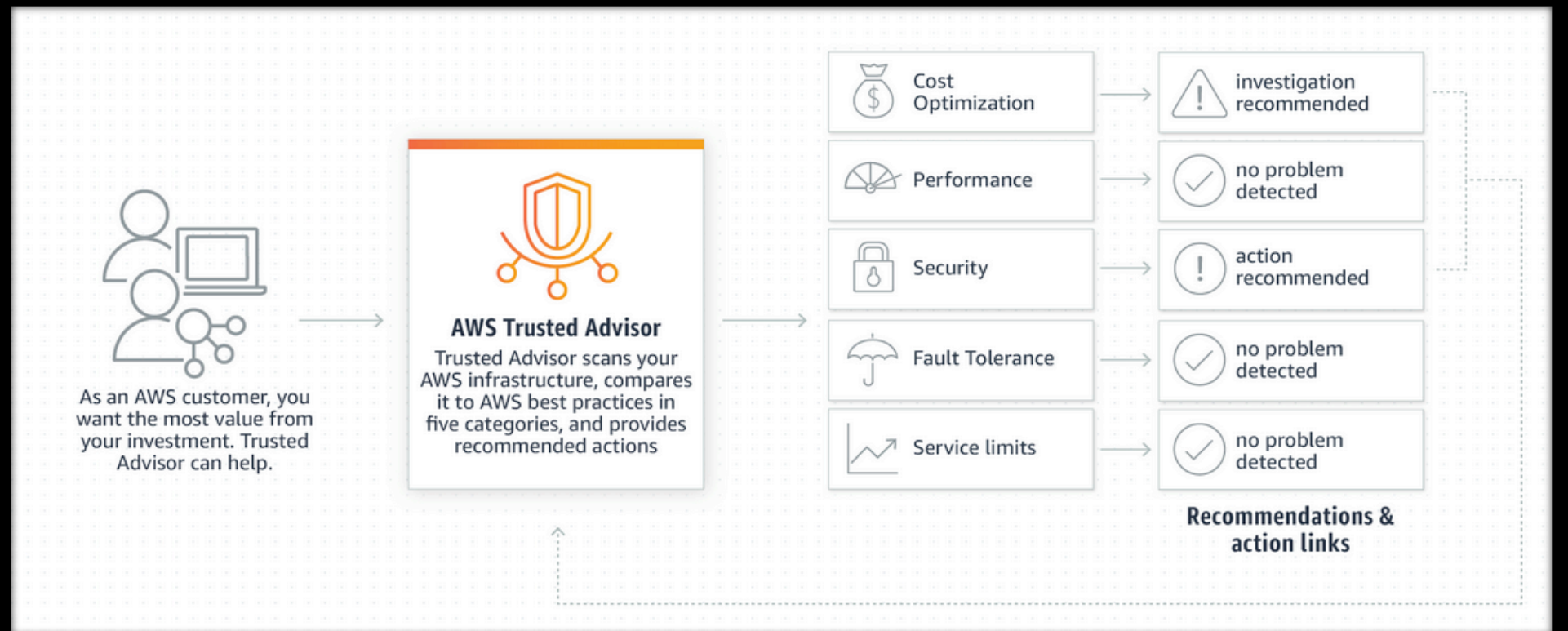
Monitoring and performance



Governance and compliance



Resource optimization

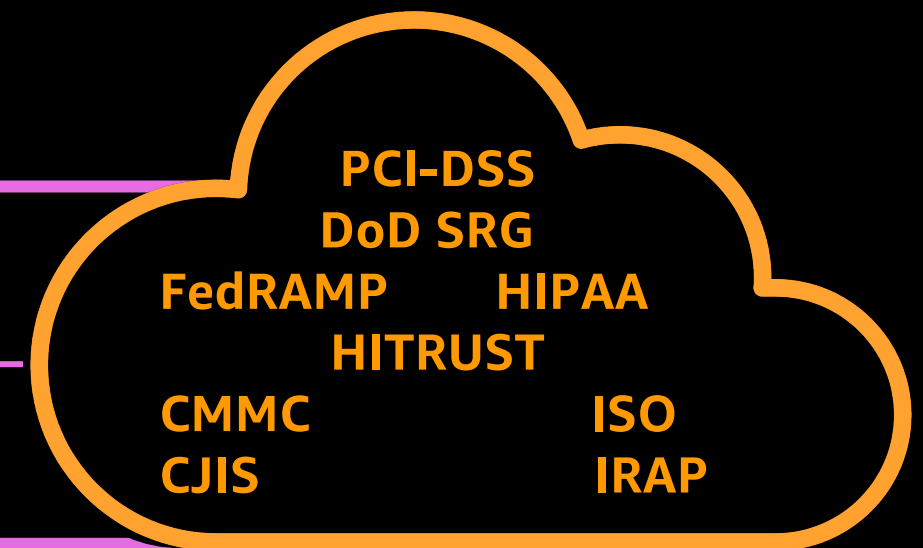


Accelerating security and compliance workloads



partner
network

authority to
operate



Thank You!