



PCI Compliance in the Cloud

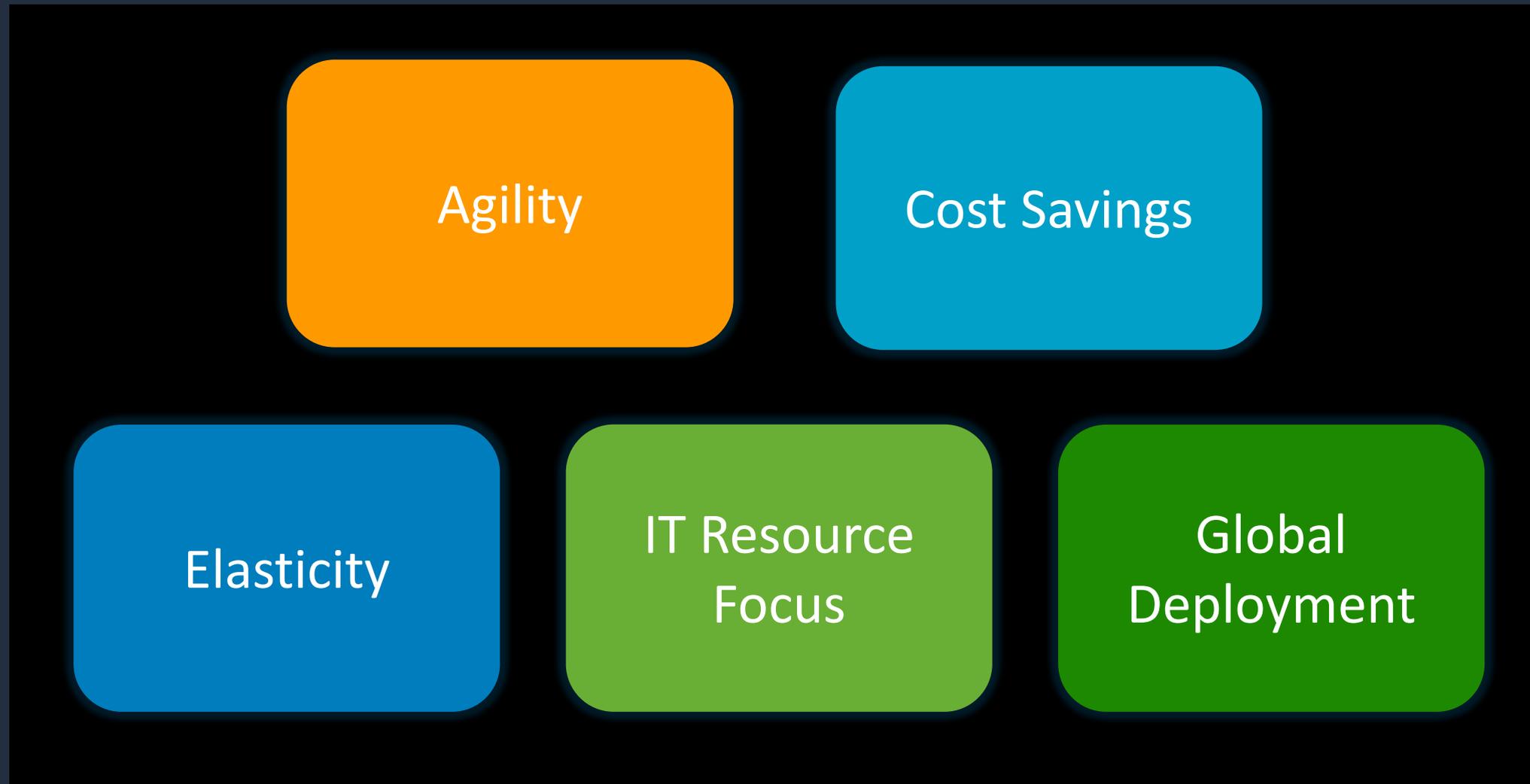
Tim Winston, PCI QSA
Sr Assurance Consultant
AWS Professional Services



Introduction / Agenda

1. Cloud Transformation
2. Compliance Of The Cloud
3. Compliance In The Cloud
4. Cloud Compliance Transformation

Cloud Transformation



Managing Risk in Cloud Transformation



[Cloud for CEOs: Measure innovation with one metric](#)

Compliance Of The Cloud



In The Cloud

Of The Cloud

Cloud Service Provider Assurance

Customer Applications

Your own
accreditation

Your own
certifications

Your own
external audits

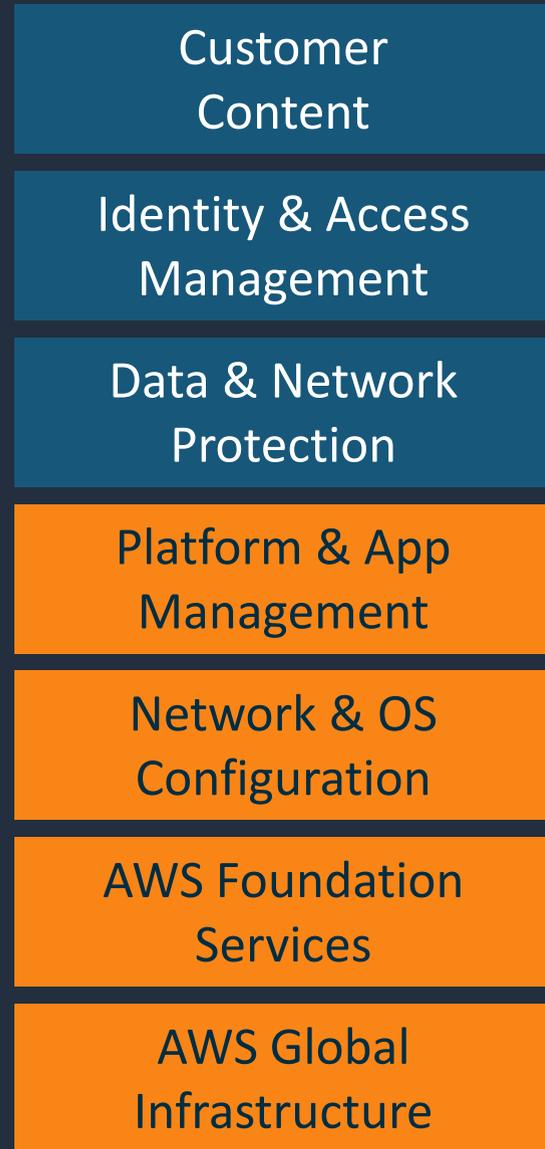
Cloud
Services



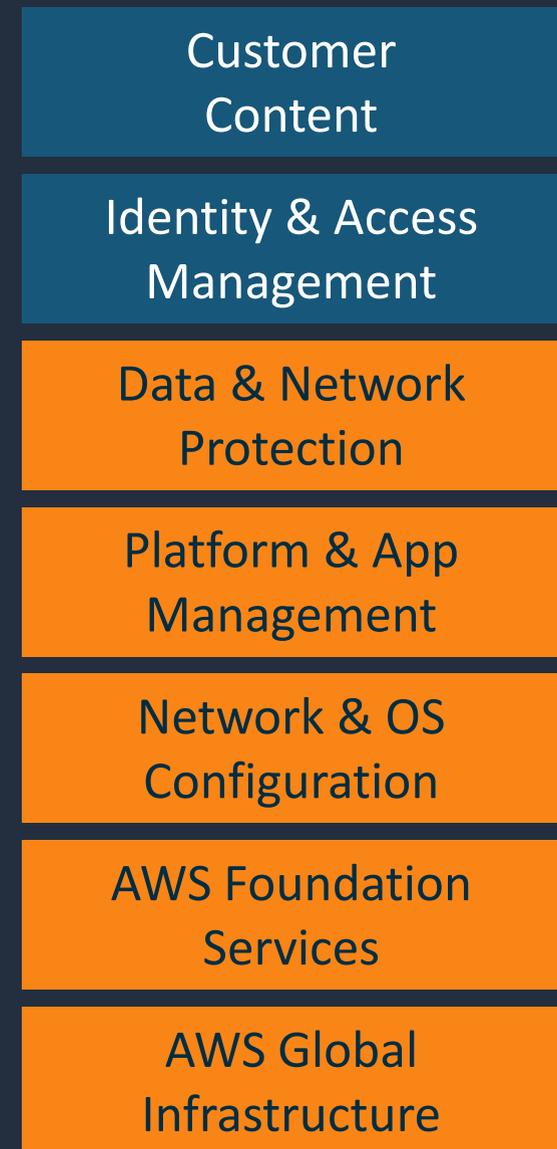
Compliance In The Cloud



Infrastructure Service

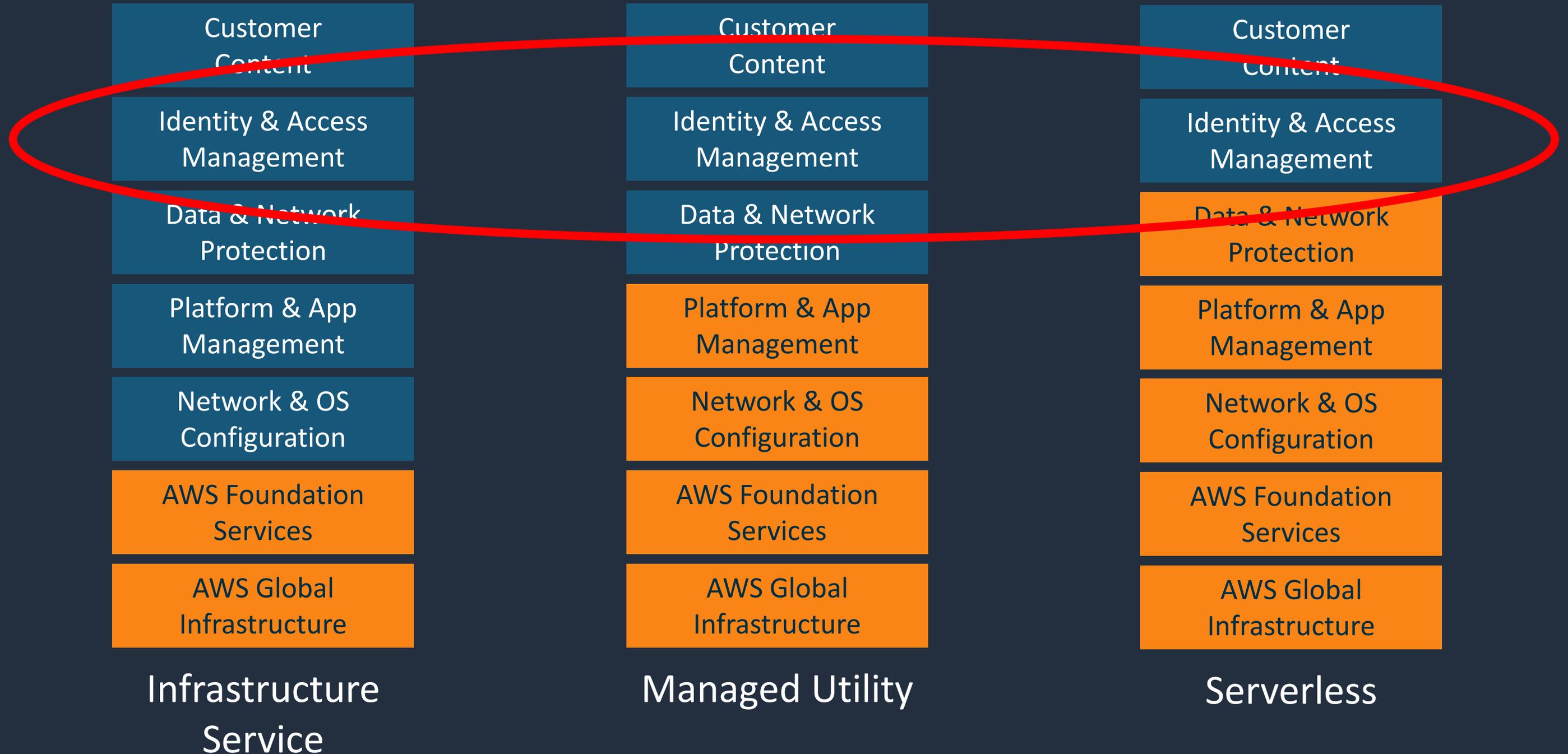


Managed Utility



Serverless

Secure Cloud Management



Secure Cloud Management Elements

1. Third Party assurance
2. Segmentation – accounts and networks
3. Access control for cloud resources
4. Logging and monitoring

Third Party Assurance

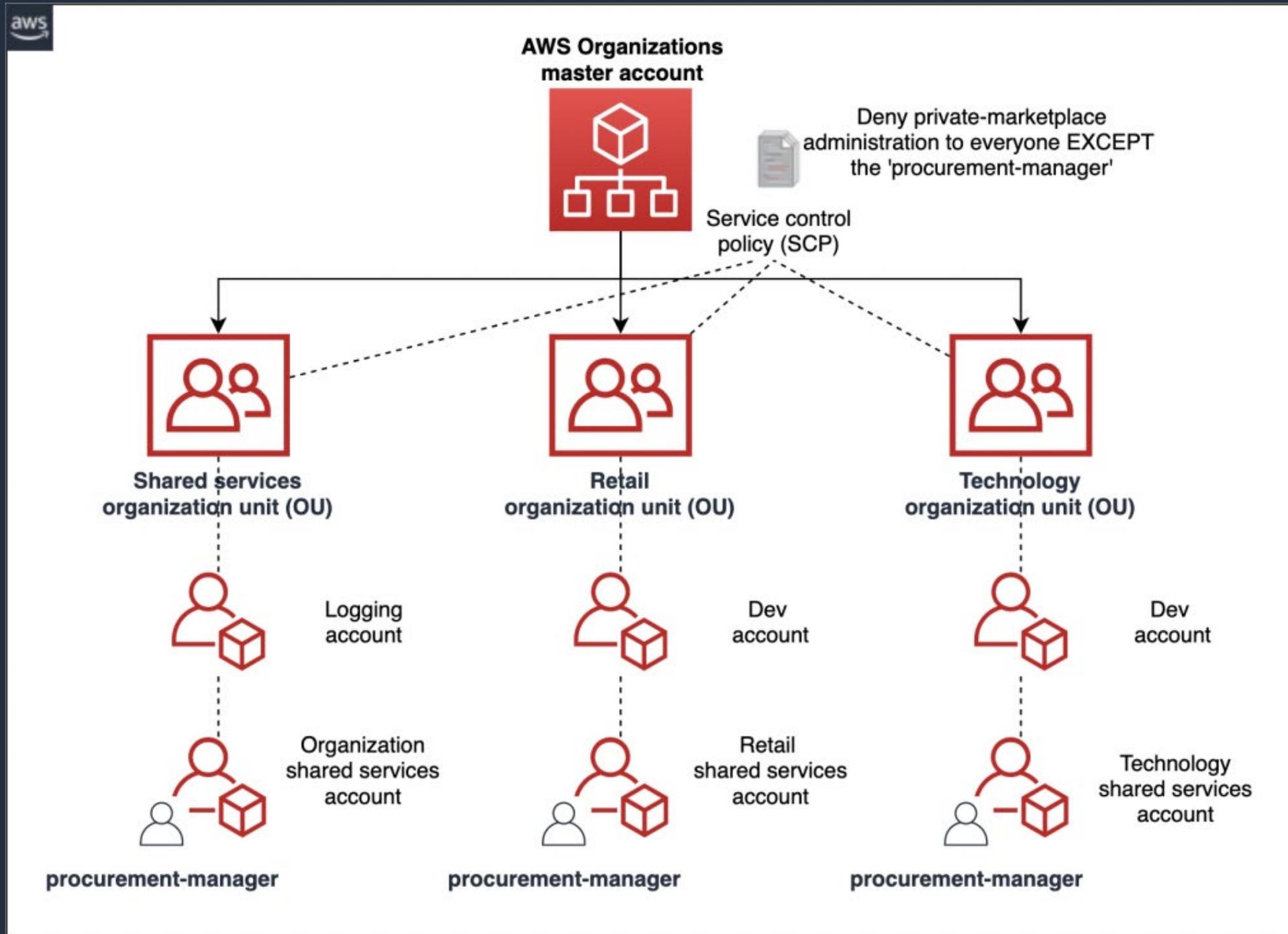
aws Services [Alt+S] Admin/rimwills.kengard@... Global Support

Reports (82)

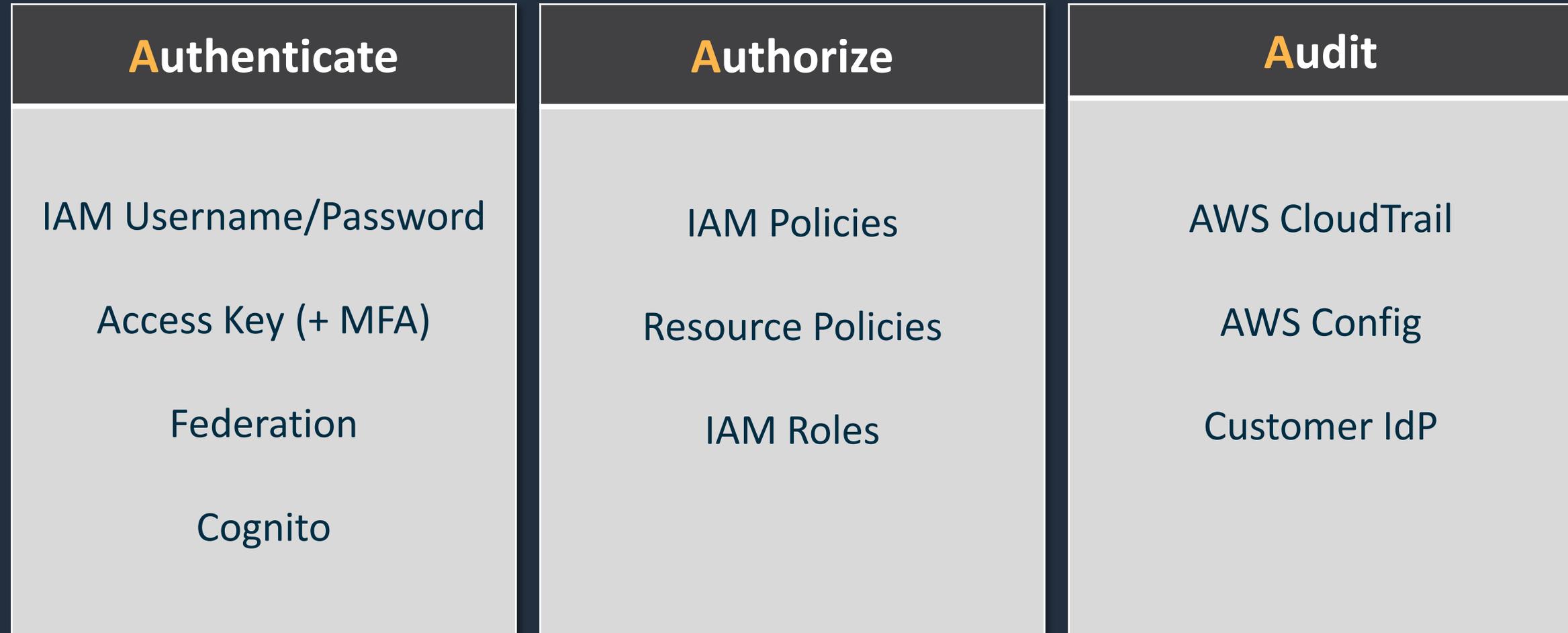
Copy link Download report < 1 2 > ⚙️

	Title	Reporting period	Category	Description
<input type="radio"/>	Cloud Computing Compliance Controls Catalogue (C5) - Previous	October 1, 2018 to September 30, 2019	Certifications and Attestations	This is the AWS C5 Report for the period of October 1, 2017 to September 30, 2018. This document evaluates the AWS controls that meet the criteria developed by the German BSI (National Security Authority) for Cloud Computing Compliance Controls Catalog (C5).
<input type="radio"/>	Service Organization Controls (SOC) 2 Report - Current	October 1, 2020 to March 31, 2021	Certifications and Attestations	The AWS SOC 2 Type 2 report evaluates the AWS controls that meet the criteria for security, availability, and confidentiality in the American Institute of Certified Public Accountants (AICPA) TSP section 100, Trust Services Principles and Criteria. This is our most recent SOC 2 report. SOC reports are audits performed over a period of time and do not expire. Our auditors perform our SOC audits twice a year over a period of 6 months – Oct 1-Mar 31 and Apr 1-Sept 30. Once the audit period is over, our auditors prepare their audit report which is then released in May and November, respectively. Should you seek assurance that we have maintained the control environment described in this most recent SOC report, we make a SOC Continued Operations Letter available to you in Artifact. Scroll down to the bottom of the page to download it.
<input type="radio"/>	GSMA SAS SM Certificate - AWS US East Ohio	September 10, 2021 to September 10, 2022	Certifications and Attestations	This is a new certificate AWS attained from GSMA certificate. US East (Ohio) Region is now certified by the GSM Association (GSMA (https://www.gsma.com/)) under its Security Accreditation Scheme (https://www.gsma.com/security/security-accreditation-scheme/) Subscription Management (SAS-SM) with scope Data Center Operations and Management (DCOM) (https://www.gsma.com/security/sas-accredited-sites/)
<input type="radio"/>	PCI DSS Attestation of Compliance (AOC) and Responsibility Summary-Previous	June 22, 2020 to June 21, 2021	Certifications and Attestations	This is the previous AWS PCI assessment package dated December 14, 2020. It is available for AWS customers with a card data environment (CDE) that stores, transmits, or processes cardholder data in the AWS Cloud. An external Qualified Security Assessor Company (QSAC), Coalfire Systems Inc. has validated that AWS has successfully completed PCI Data Security Standards 3.2.1 Level 1 Service Provider assessment and were found to be compliant.

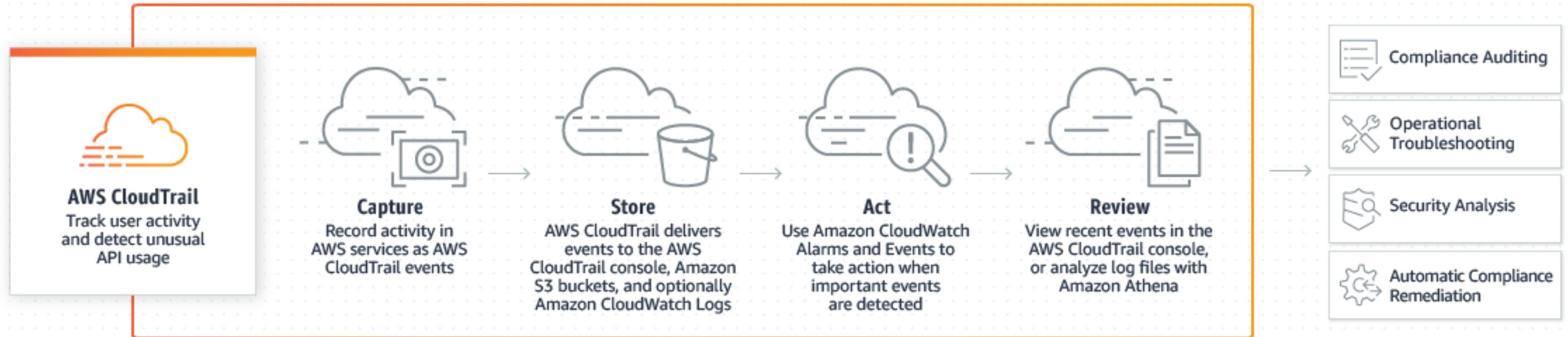
Segmentation



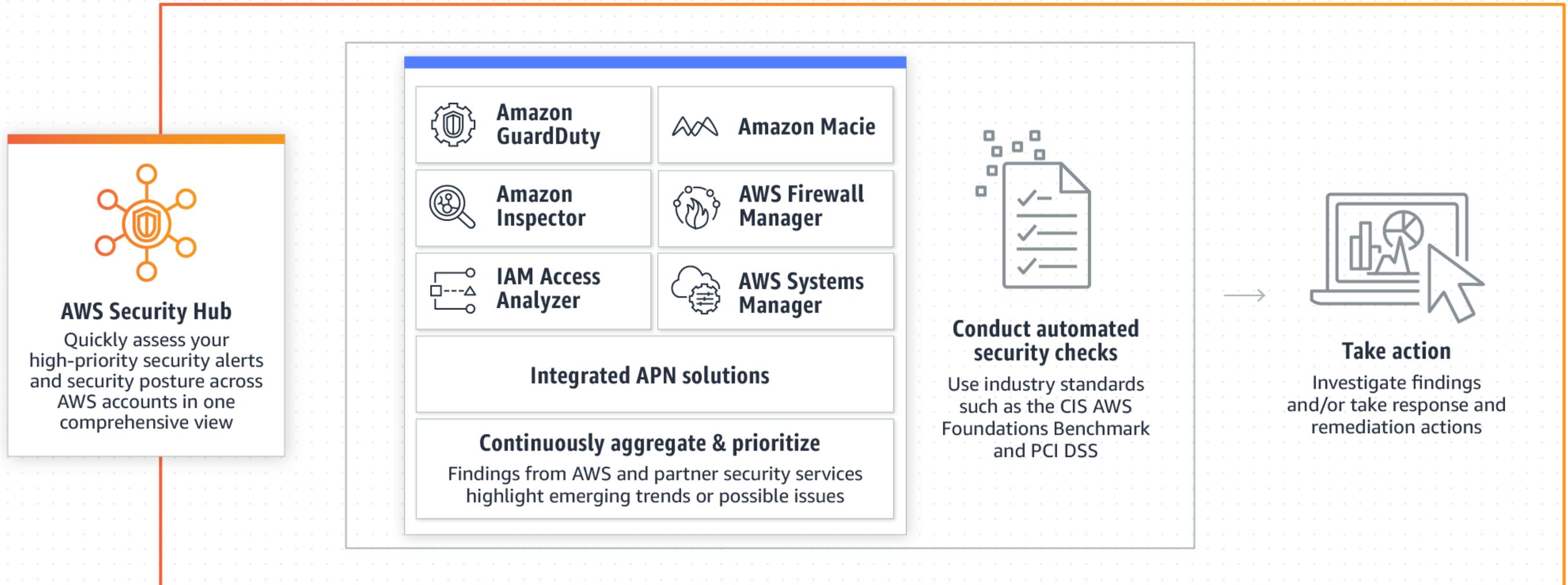
Access control for cloud resources



Logging and Monitoring



Use The Cloud To Secure The Cloud



Use A Cloud-Qualified Assessor

aws partner network

Engage with AWS Partners

AWS Partners are uniquely positioned to help you accelerate your journey to the cloud and take full advantage of all that AWS has to offer

Discover how AWS Partners can help you accelerate your cloud journey

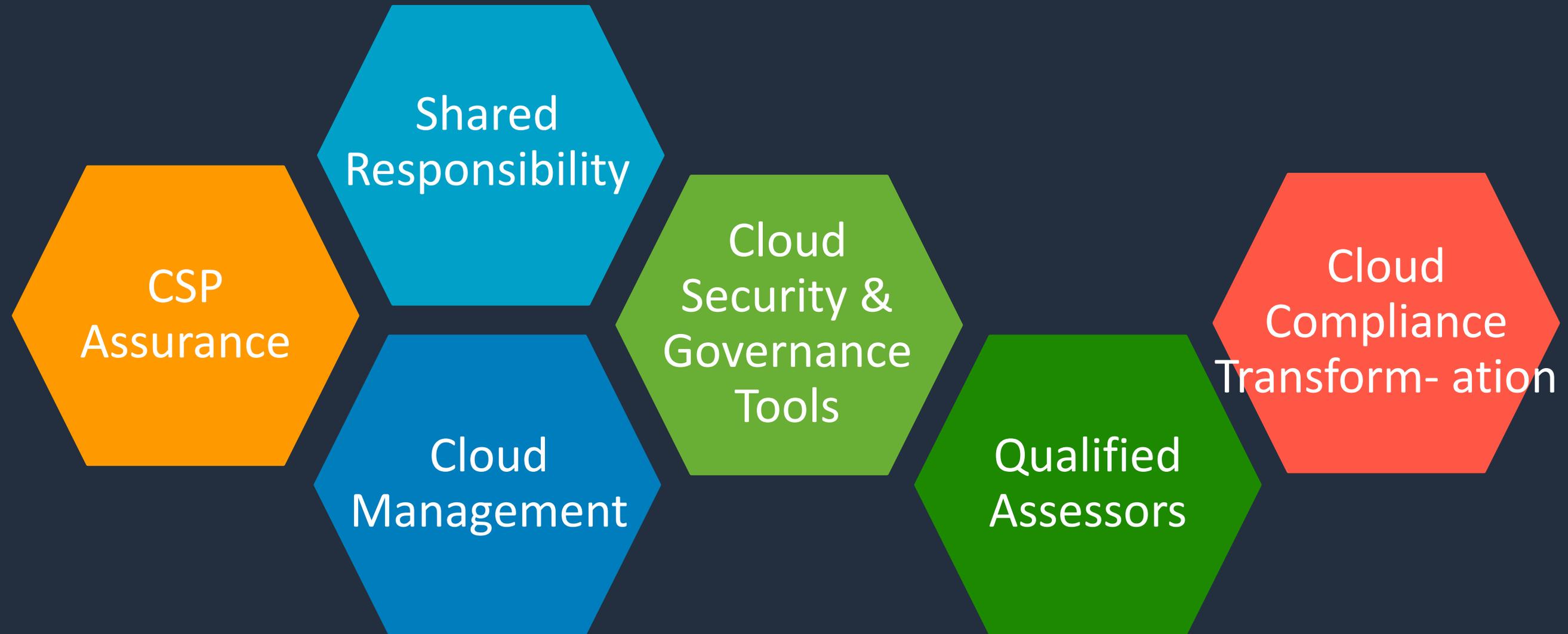
Search by Partners Search by Solutions Search by Practices

In location For

Cloud Compliance Transformation

- Prepare compliance teams for cloud applications
- Build controls, test plans, and evidence mechanisms during application development
- Build compliance checkpoints into DevOps pipeline
- Manage assessments with the same Agile methods and tools used by development

Summary





Questions?

