
AWS
re:Invent
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SEC301-R

Threat detection and response workshop

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Use AWS services to secure your cloud environment and achieve operational excellence

- Centralize threat detection and monitoring
- Improve security posture assessment
- Optimize vulnerability management
- Streamline root cause analysis
- Improve sensitive data discovery
- Initiate and route workflows to existing systems
- Prioritize critical findings
- Automate remediation
- Scale deployments

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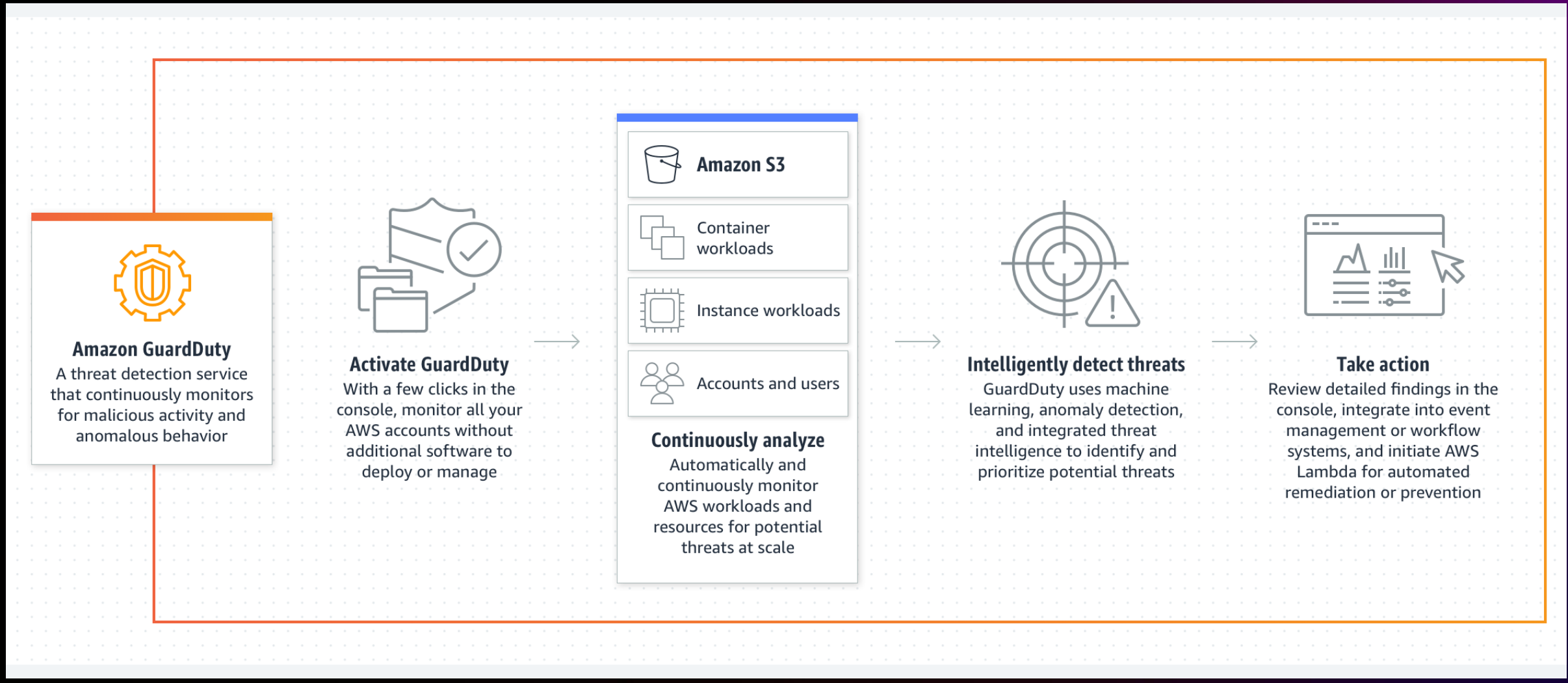
Amazon GuardDuty: How it works



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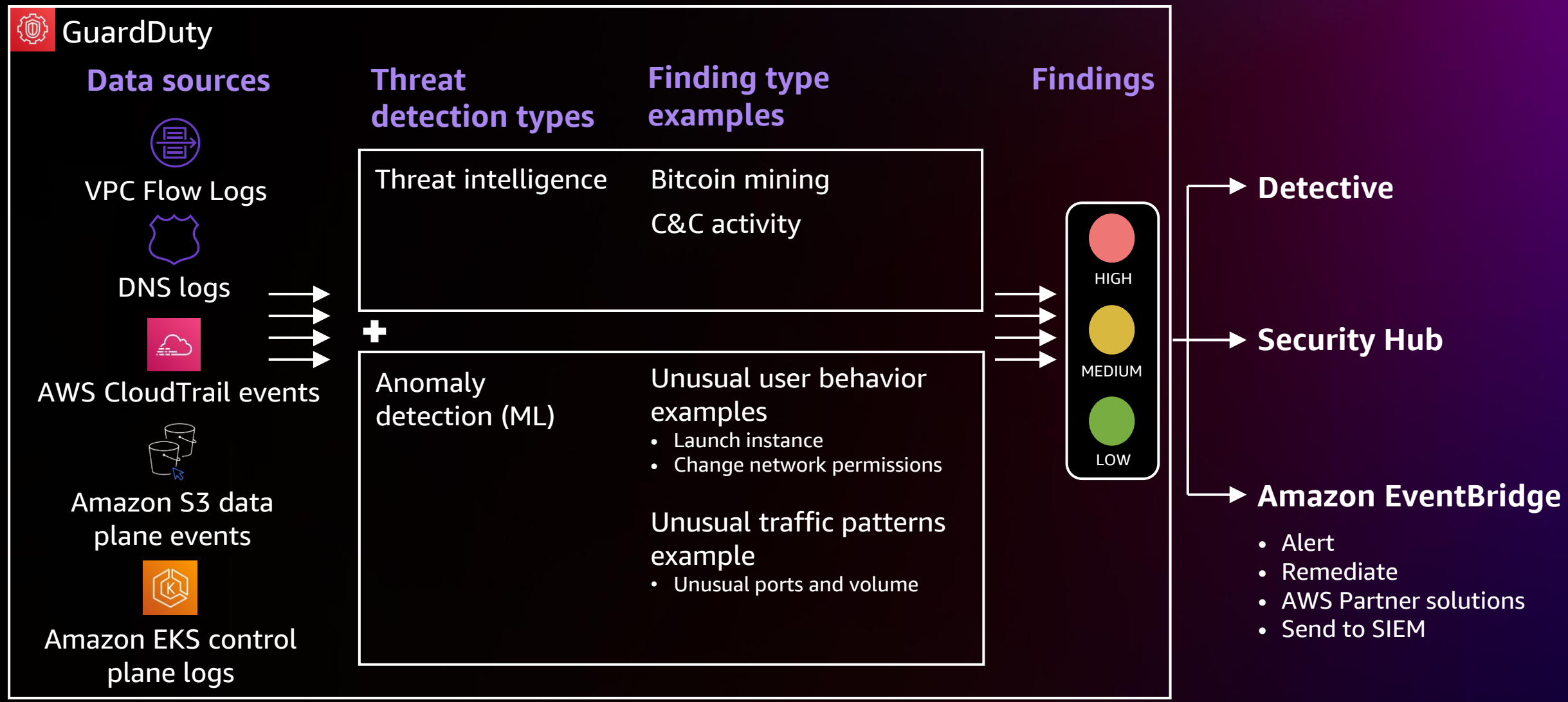
How GuardDuty works



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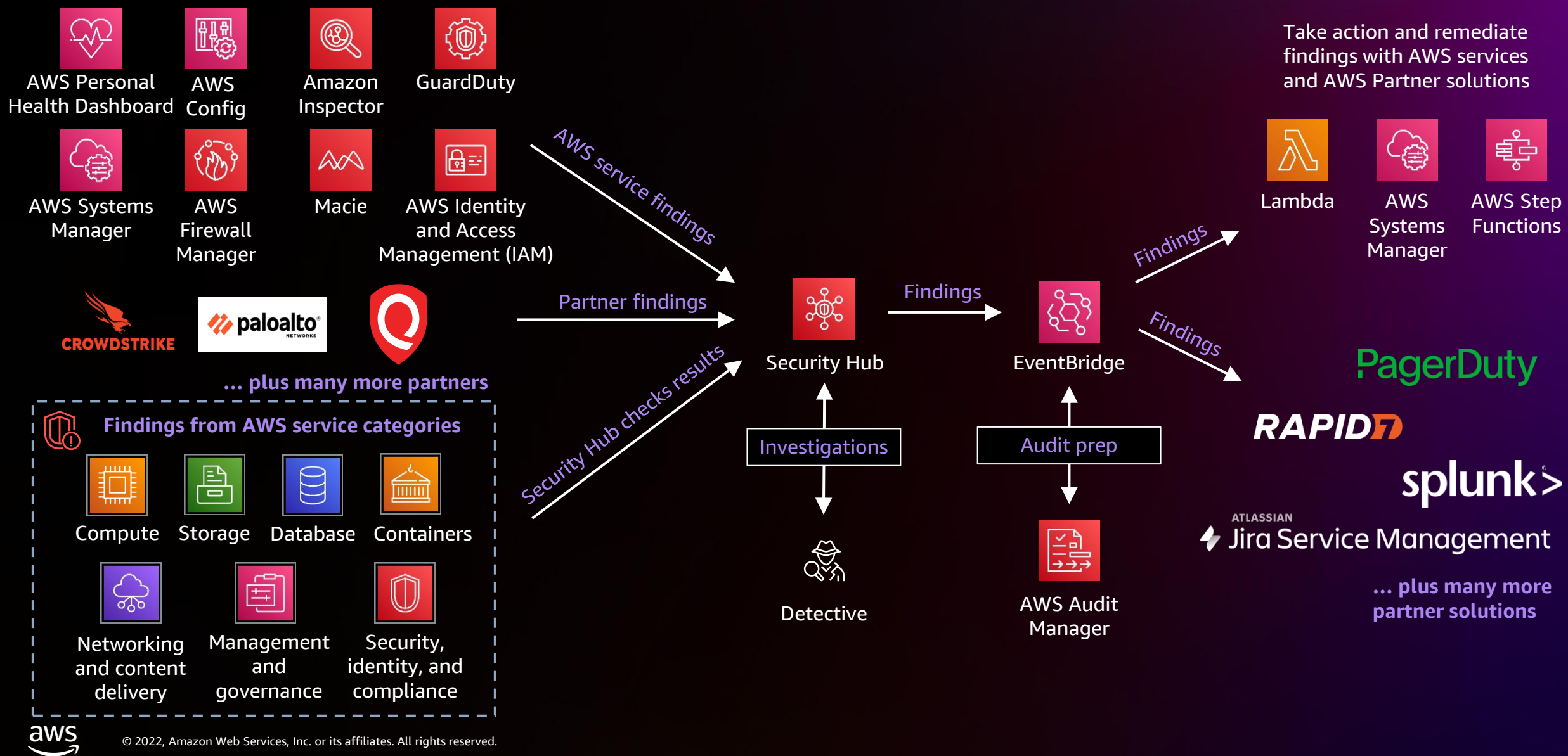
Security finding flows



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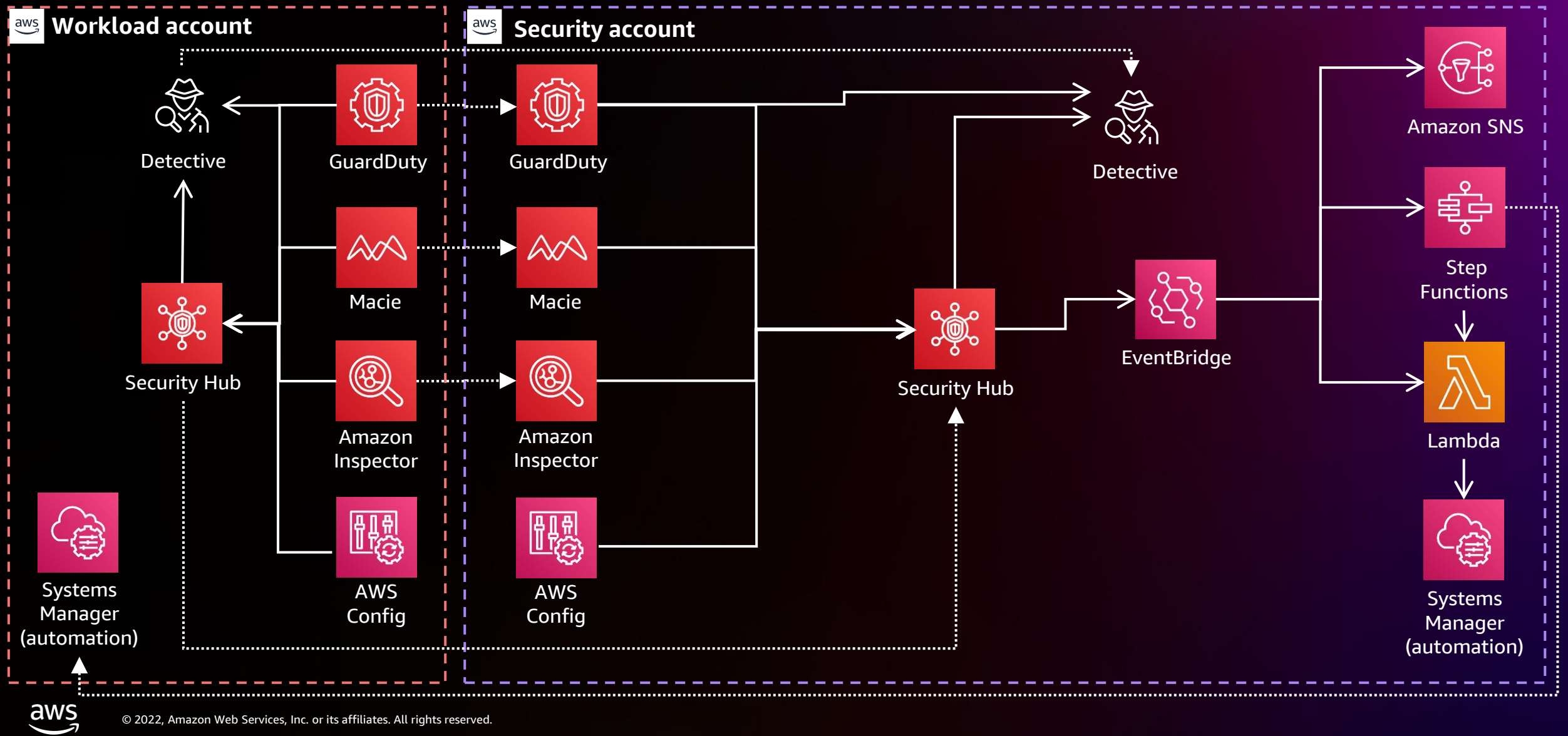
Multi-account setup



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Workshop details: 11 modules

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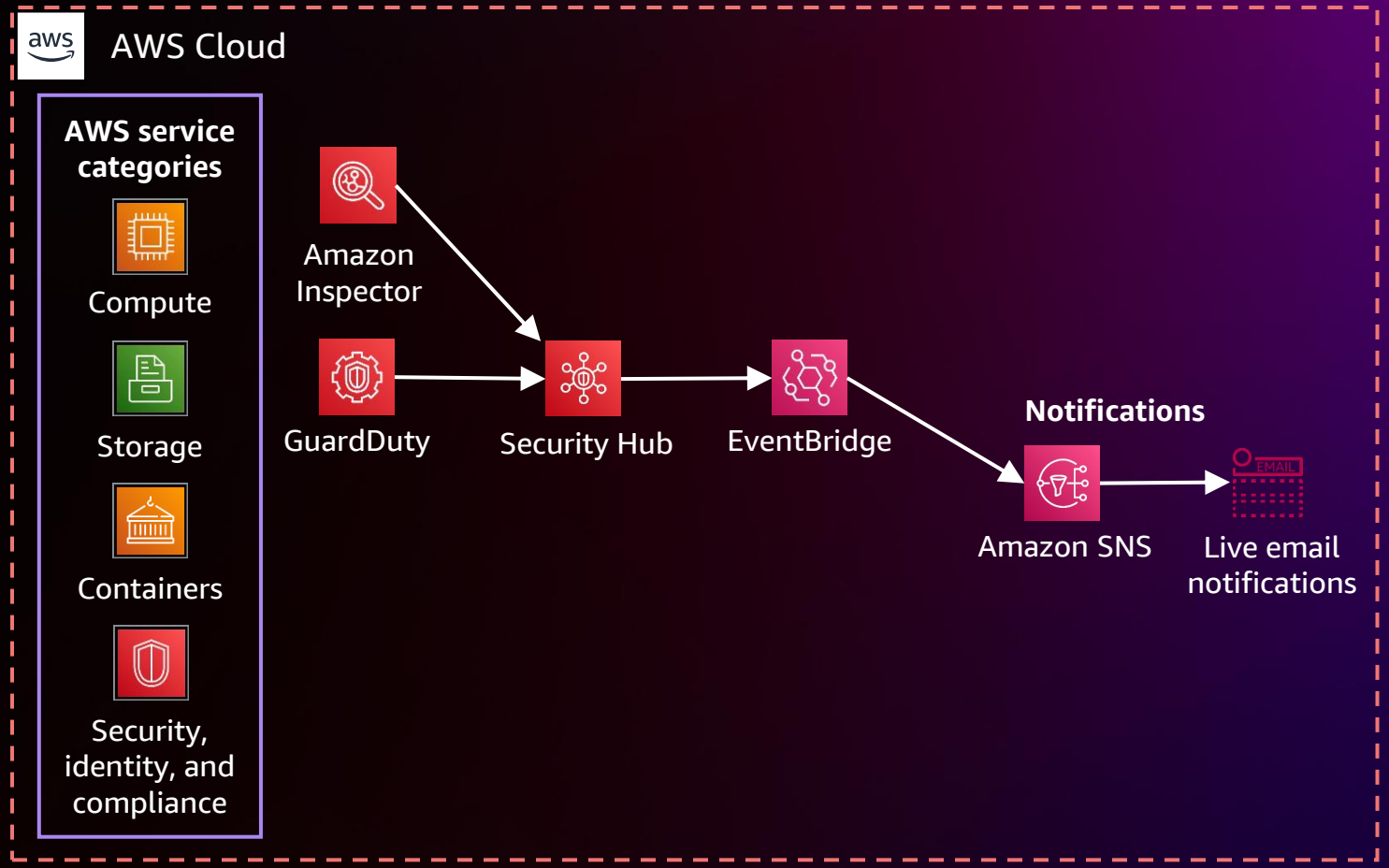
Workshop overview: Introduction to GuardDuty

1. GuardDuty walkthrough
2. Understanding a GuardDuty finding
3. Suppressing findings
4. Building a threat list
5. Aggregating findings with Security Hub
6. Setting up GuardDuty notifications



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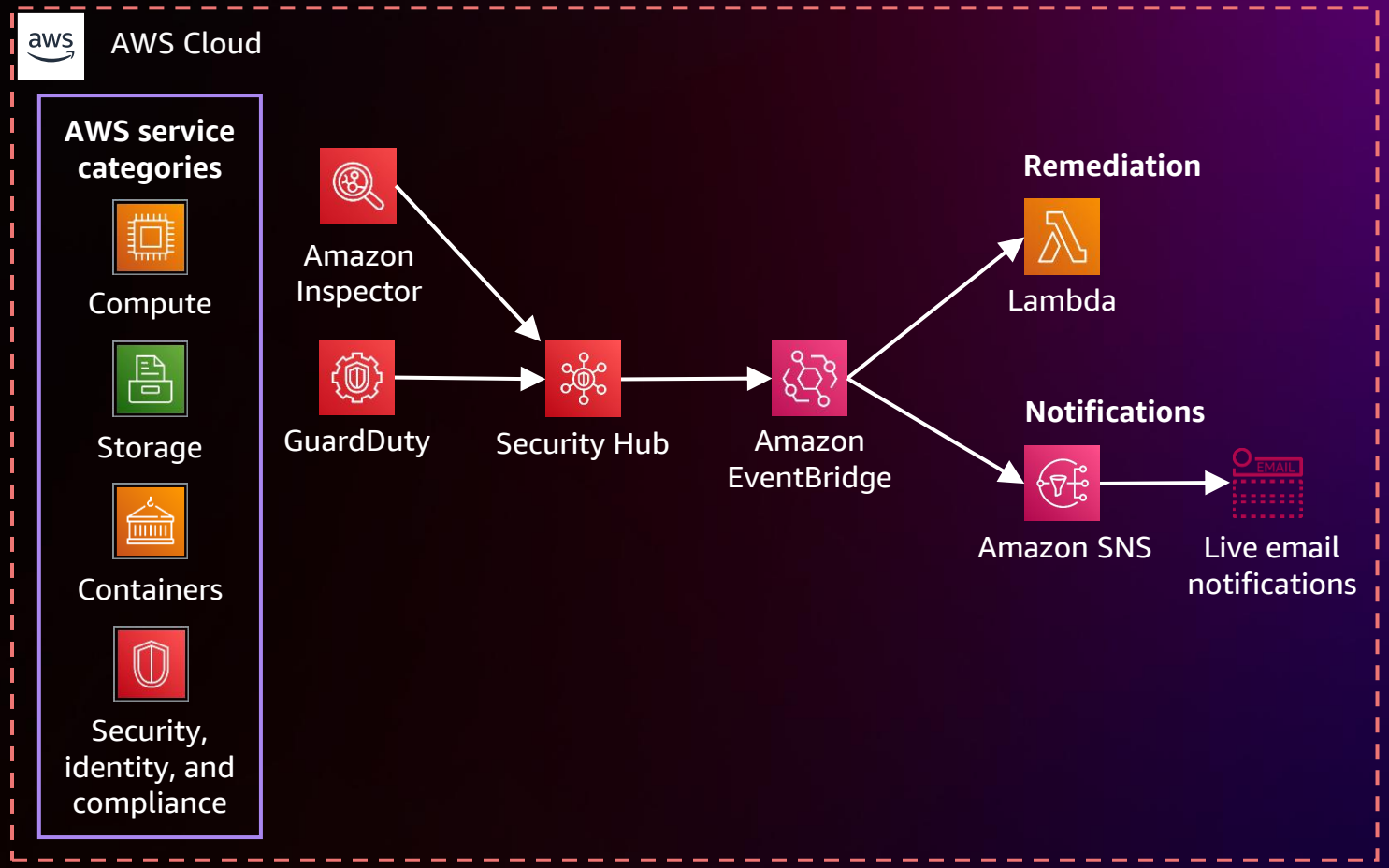
Workshop overview: Threat detection and incident response (TDIR)

7. TDIR scenario – compromised IAM credentials
8. TDIR scenario – compromised Amazon EC2 instance
9. TDIR scenario – compromised Amazon S3 bucket
10. TDIR scenario – IAM role credential exfiltration
11. TDIR scenario – Amazon EKS GuardDuty findings remediation



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Workshop logistics

Join the workshop:

https://catalog.workshops.aws/join

Event access code:

c65c-09c388-ba

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Thank you!

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