AWS Security Engineering Corporate Training

Equip your teams to design resilient architectures, implement robust encryption, and mitigate cyber threats across your enterprise cloud environment.

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The Capability Activation Curve

The Plateau

Skill gaps, extended attack surfaces, and reactive patching. Vulnerability to data exfiltration and compliance blindspots.

The Catalyst

Edstellar Instructor-Led Intervention. Hands-on AWS labs, architectural deep-dives, and customized enterprise deployment.

The Escalation

Secure architectures, automated incident readiness, integrated SIEM, and proactive threat hunting.

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Course At-a-Glance

Course Duration
24 - 32 Hours

Delivery Type
Instructor-Led Training

Modalities
Virtual / On-site / Off-site

Global Scale
10,000+ Trainers

Validation
Certificate of Completion

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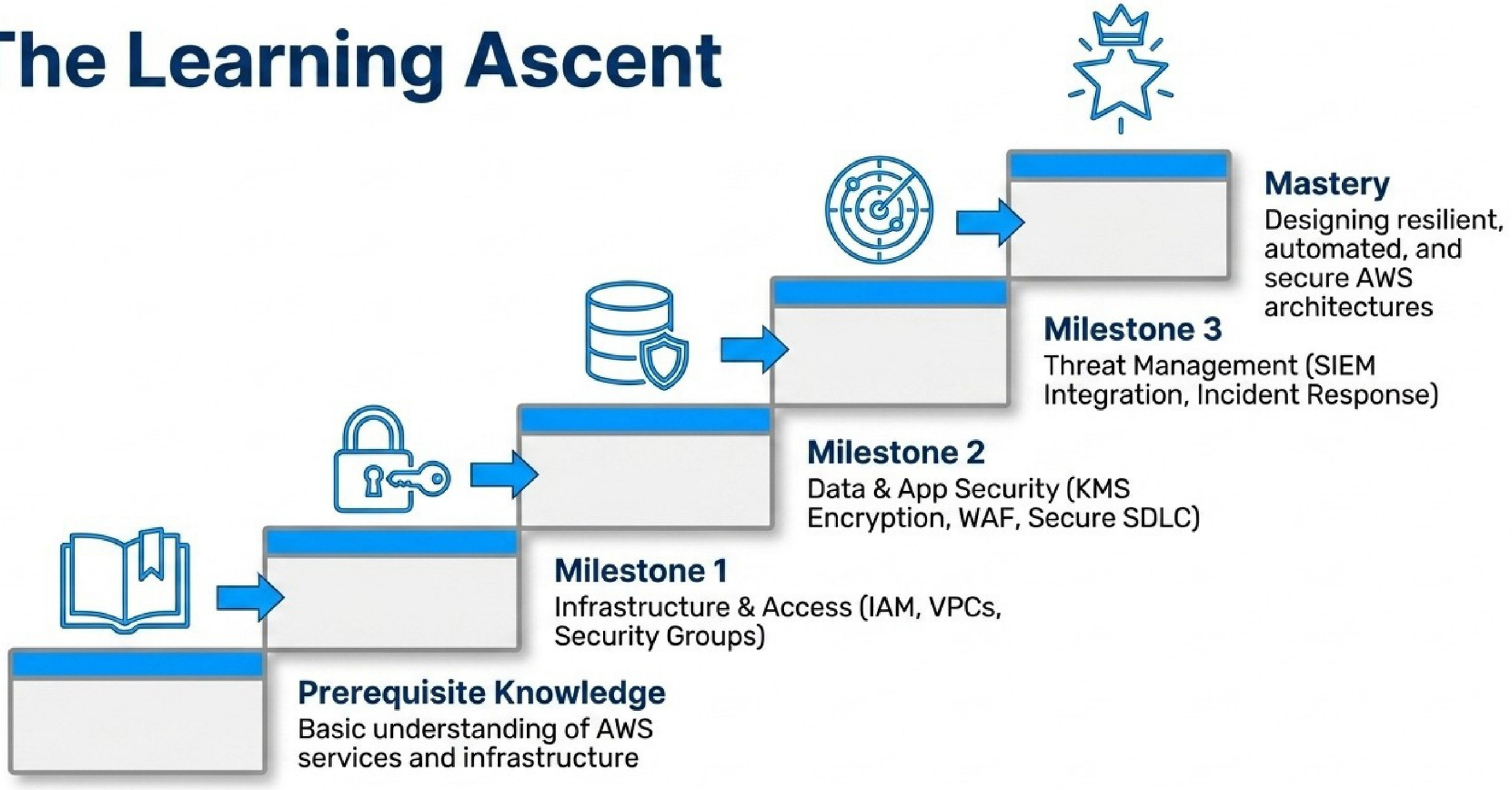
The Learning Ascent



Prerequisite Knowledge
Basic understanding of AWS services and infrastructure

Milestone 1
Infrastructure & Access (IAM, VPCs, Security Groups)

Milestone 2
Data & App Security (KMS Encryption, WAF, Secure SDLC)

Milestone 3
Threat Management (SIEM Integration, Incident Response)

Mastery
Designing resilient, automated, and secure AWS architectures

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Curriculum Architecture

Phase 1: Infrastructure & Access Control

Establish the foundational perimeter.

- IAM & RBAC
- Security Groups & ACLs
- VPC Configuration
- Network Segmentation

Phase 2: Data Protection & Application Security

Secure assets at rest and in transit.

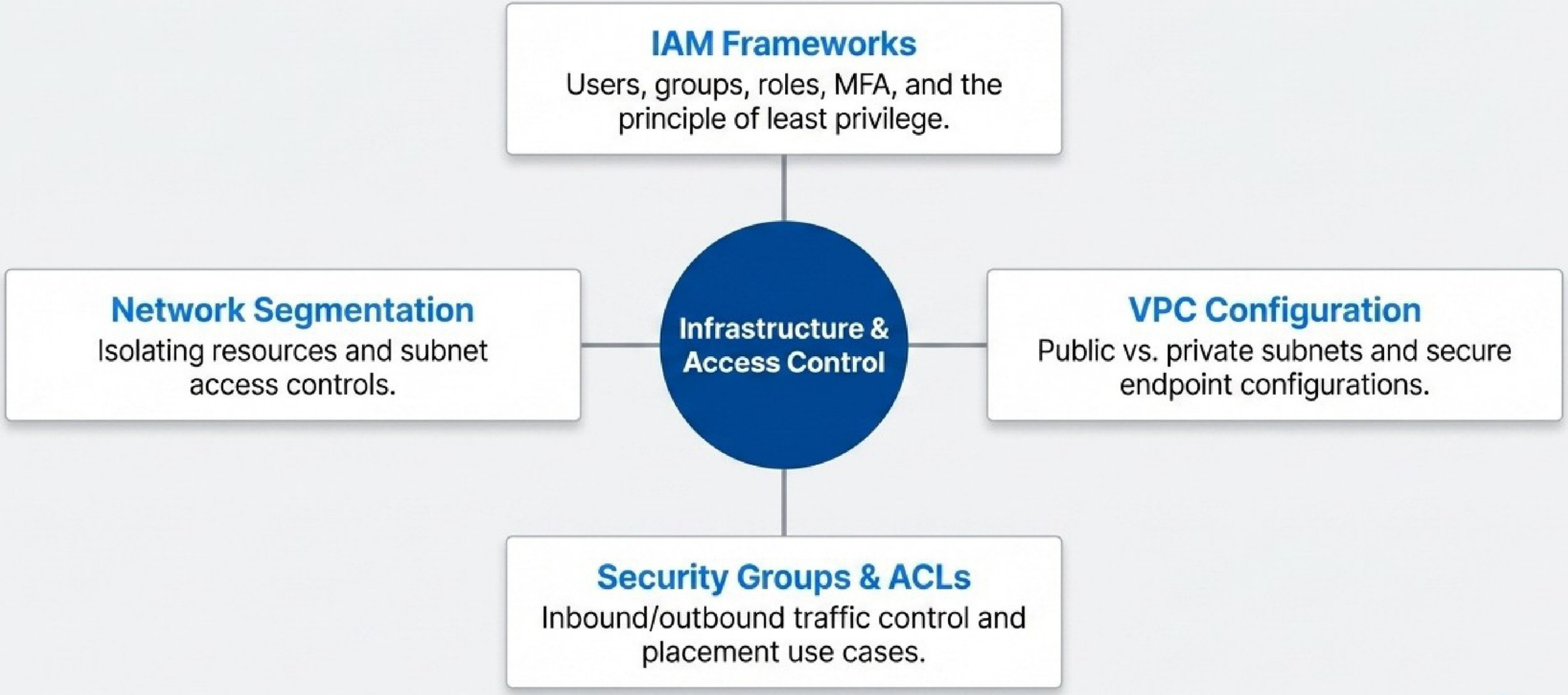
- Data Encryption (KMS)
- Web Application Firewalls (WAF)
- Secure SDLC
- Data Loss Prevention (DLP)

Phase 3: Advanced Operations & Threat Management

Enable proactive defense and compliance.

- SIEM Integration
- CloudTrail & CloudWatch
- Threat Hunting
- Incident Response Workflows

Phase 1 Deep Dive: Infrastructure & Access



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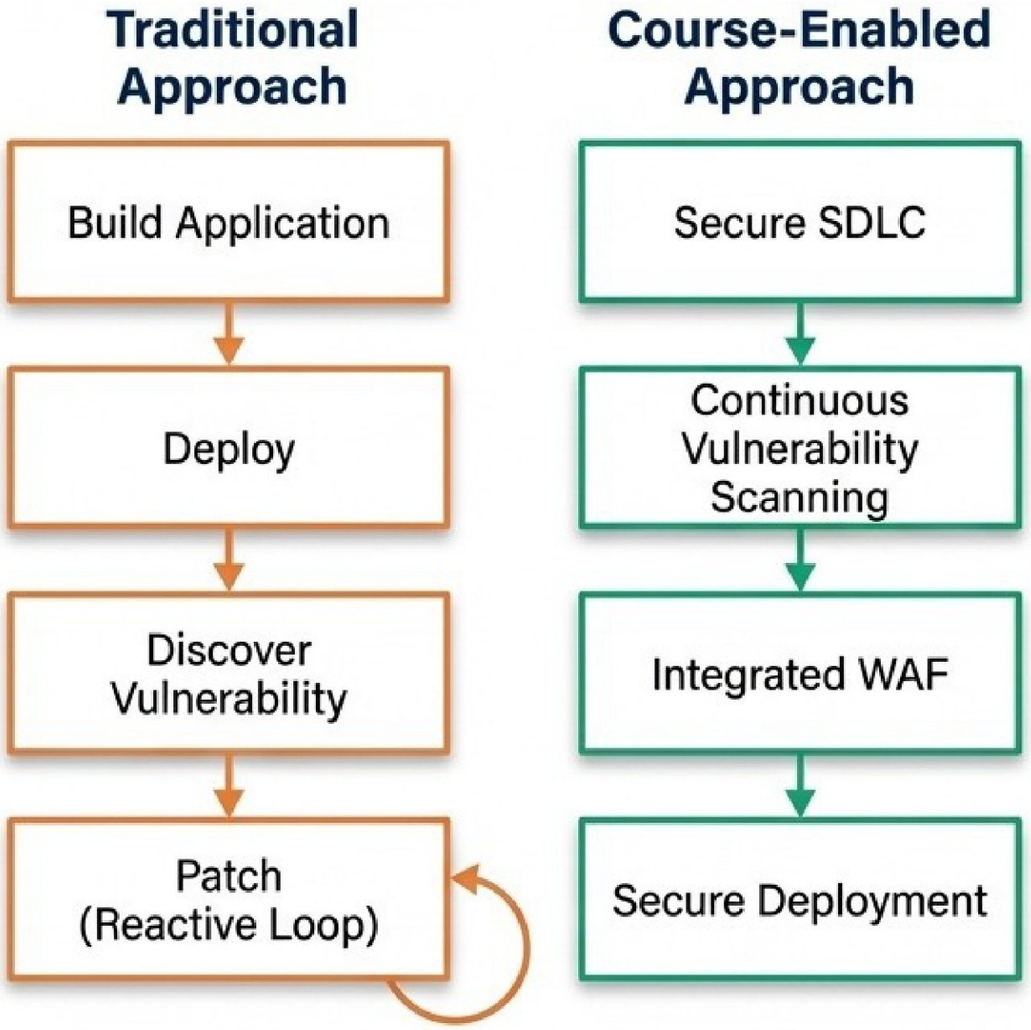
Phase 2 Deep Dive: Data & Application Security



Encryption Mechanics

Data at rest/transit and KMS key management.

Web Application Firewalls

Custom WAF rules integrated with deployment pipelines.

Data Classification

Handling protocols based on data sensitivity.

DLP Strategies

Identifying and preventing data exfiltration attempts.

Phase 3 Deep Dive: Operations & Threat Management

SIEM Integration

Integrating CloudTrail and CloudWatch Logs with central SIEM for log analysis.

Incident Response Workflows

Defining procedures, forensic analysis, and escalation playbooks.

Enterprise Threat Management

Compliance & Auditing

Automated continuous monitoring to meet compliance requirements for data security.

Threat Hunting

Proactive strategies, identifying IOCs, and utilizing threat intelligence feeds.

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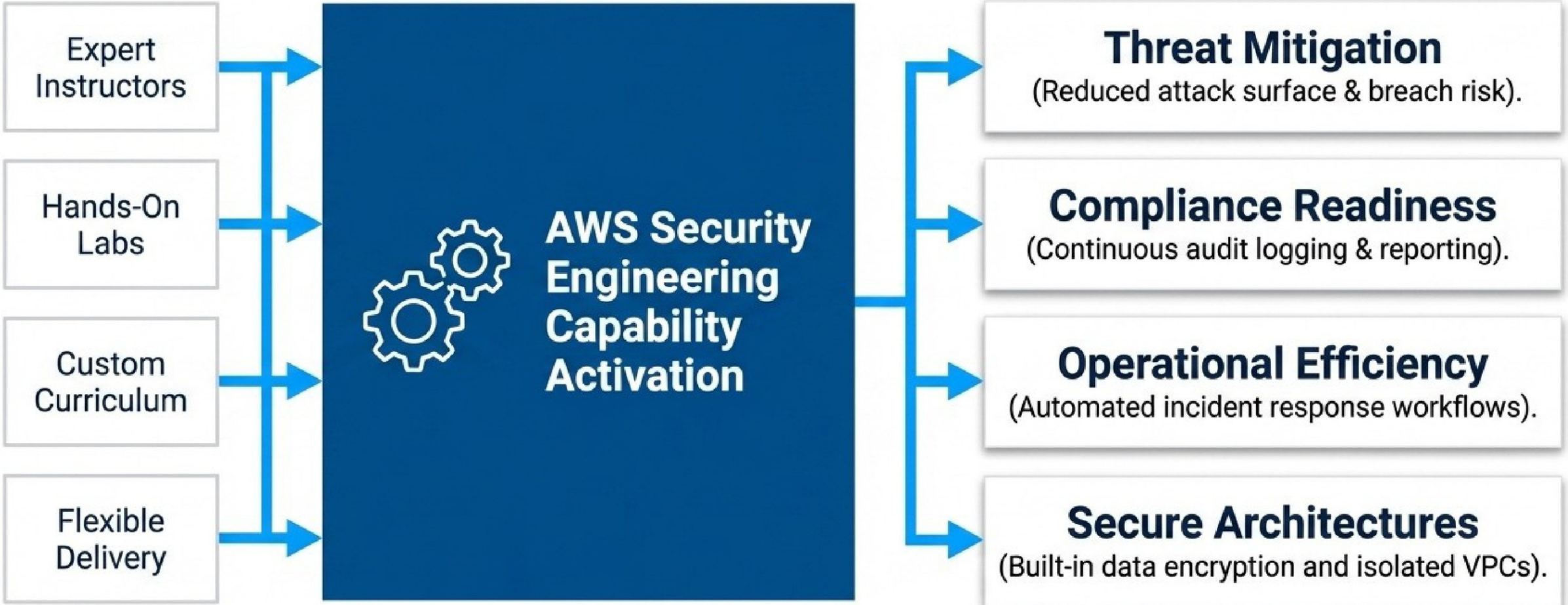
Diagnostic Matrix

Challenge Area	Current State Diagnosis	Edstellar Course Solution
Identity/Access Risks	Over-permissioned users and fragmented access control	✅ Implementation of IAM Roles, RBAC, and centralized Single Sign-On (SSO).
Data Vulnerabilities	Unencrypted data at rest and risk of internal exfiltration	✅ AWS KMS Key management, TLS implementation, and DLP policy rules.
Operational Blindspots	Inability to detect live threats or trace audit logs	✅ CloudWatch/CloudTrail SIEM integration and proactive Threat Hunting techniques.

The ROI Engine



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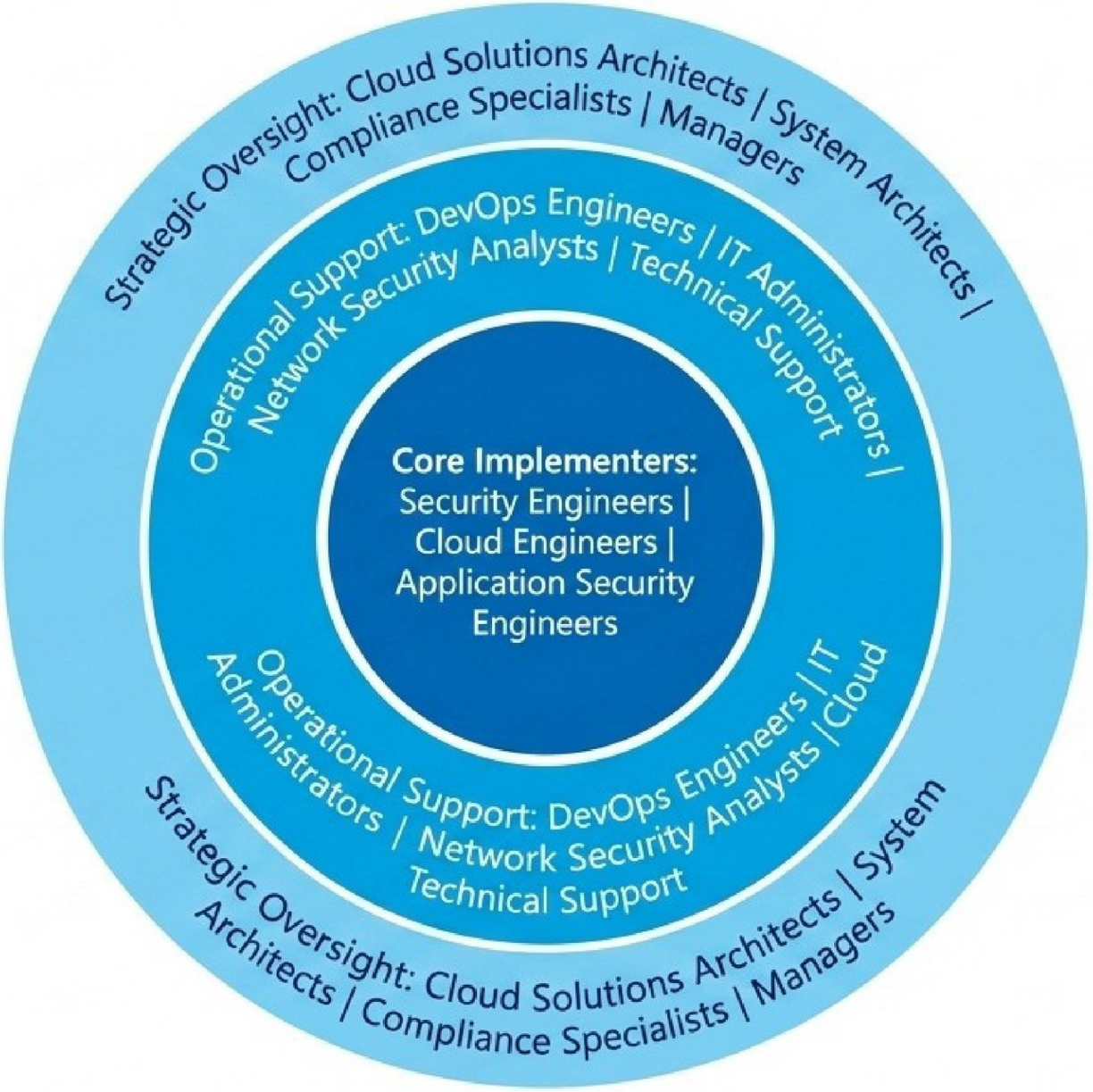
Target Audience Alignment



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Delivery Modalities

Virtual Live Instructor-Led

- Global reach for distributed teams.
- Uniform learning outcomes across regions.
- Zero travel logistics required.

On-site Face-to-Face

- Hands-on learning in your tailored workplace environment.
- Direct interaction and immediate doubt clarification.
- Enhanced team collaboration.

Off-site Immersion

- Distraction-free, focused learning environment.
- Team bonding through dedicated activities.
- High employee morale and development commitment.

Proof of Impact

“The AWS Security Engineering course revolutionized how I approach my daily responsibilities. As a Lead Security Operations Engineer, understanding strategic frameworks was essential, and this training delivered beyond real-world experience. My productivity and technical capabilities have increased dramatically since applying these concepts.”

Sarah Williams
Lead Security Operations Engineer
Security Operations Center

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Global Reach

Countries Served

100+

Delivery capability across 100+ countries, ensuring consistency for globally distributed engineering teams.

Languages Supported

10+

Training available in 10+ languages to cater to diverse and global technical workforces.

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Activate Your Teams Today

Ready to Build Resilient Cloud Architectures?

Get a customized proposal tailored to your team's specific needs, size, and preferred delivery modality.

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