# Every Cloud Needs A Secure Lining

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INTRODUCTION

- Cloud computing services - AWS
- Create web-based security training application
- Help mitigate security concerns during deployment
- Increase of development and deployment on AWS

Top 5 Cloud Service Providers
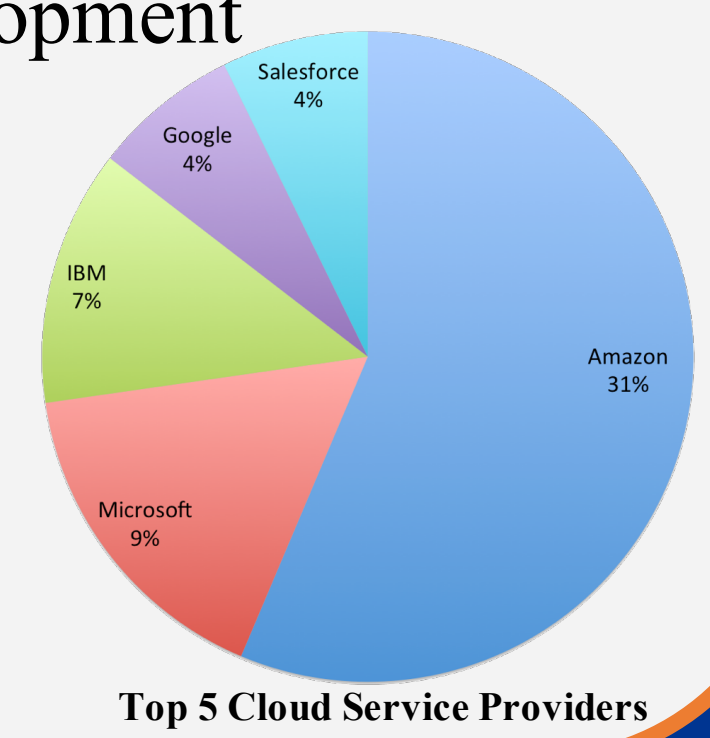
AWS

- Secure Cloud Services Platform
- Offers:
    - Increased computing power
    - Database storage
    - Content Deployment
- Amazon Elastic Compute Cloud (EC2)
- Amazon Simple Storage Service (S3)

PROCESS OVERVIEW

- Create Website Wireframe
- Determine 15 Security Scenarios
- Research Scenarios
- Find Relevant Photos and AWS Screenshots
- Fill Website with Information, Photos and Screenshots
- Rework Website Navigation

HOME

OVERVIEW

DISCOVERY

REMEDIATION

PREVENTION

CYBER-KILL CHAIN

Analysis   Detection   Synthesis

Reconnaissance → Weaponization → Delivery → Exploitation → Installation → C2 → Actions
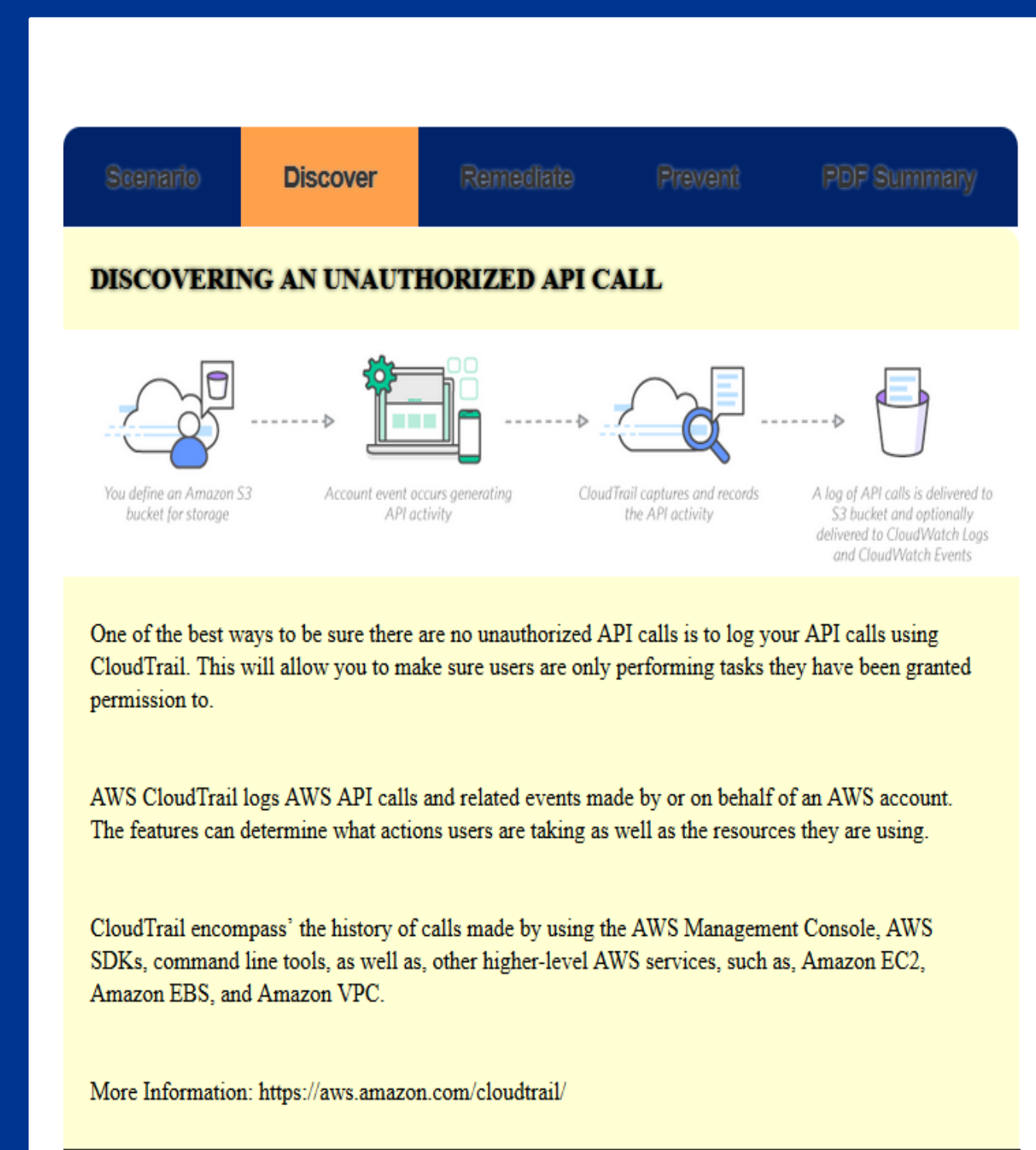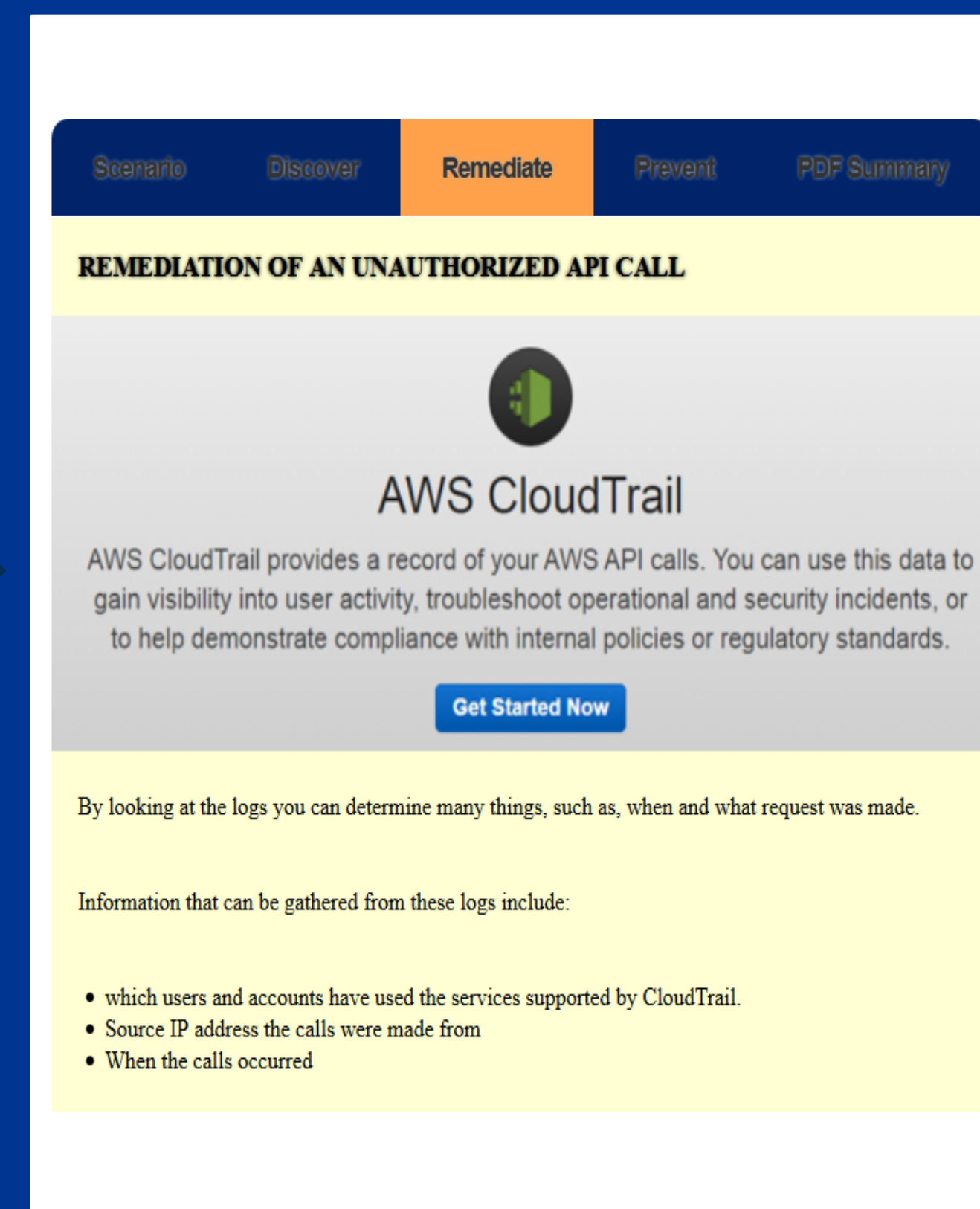
DESIGN

- Education Environment
- Scenario: Main concern or Typical security risk
- 15 Security Scenarios
    - Overview
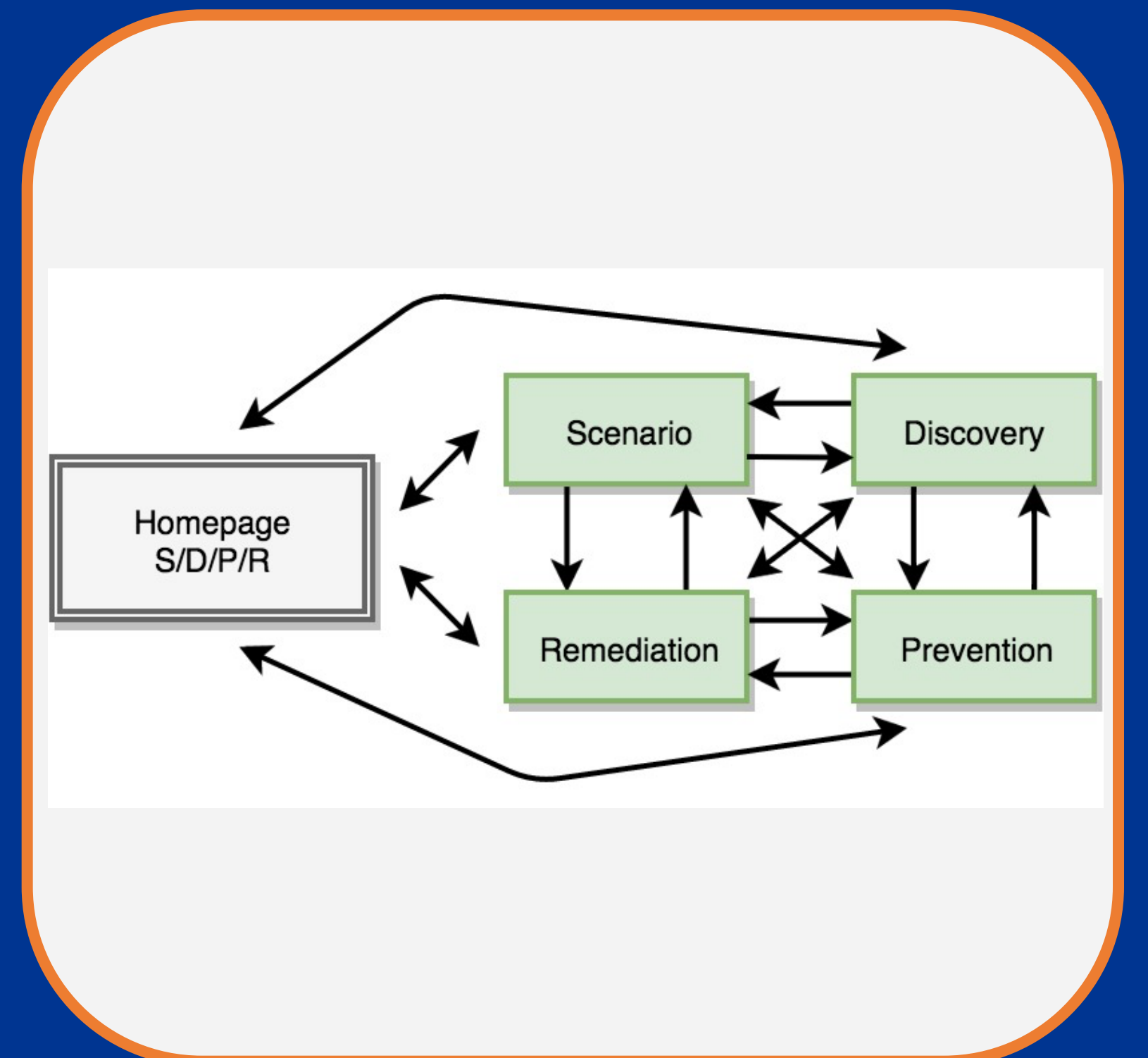   - Discovery
    - Remediation
    - Prevention

NAVIGATION

FUTURE PLANS

WEBSITE
- Launching the Instance on AWS
- Modifying the layout of the website
- Create a more interactive experience

DATA COLLECTION
- Researching and gathering detailed information for level 2 and level 3 use cases
- Updating AWS information as necessary