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## CompTIA CySA+ (Cybersecurity Analyst+) CS0-002

### Module 1: Threat and Vulnerability Management

Instructor Intro

About the Exam

Test Taking Tips and Techniques

Explain the importance of threat data and intelligence

Given a scenario, utilize threat intelligence to support organizational security

Given a scenario, perform vulnerability management activities Pt 1

Given a scenario, perform vulnerability management activities Pt 2

Given a scenario, analyze the output from common vulnerability assessment tools

Explain the threats and vulnerabilities associated with specialized technology

Explain the threats and vulnerabilities associated with operating in the Cloud

Given a scenario, implement controls to mitigate attacks and software vulnerabilities Pt 1

Given a scenario, implement controls to mitigate attacks and software vulnerabilities Pt 2

### Module 2: Software and Systems Security

Given a scenario, apply security solutions for infrastructure management Pt 1

Given a scenario, apply security solutions for infrastructure management Pt 2

Given a scenario, apply security solutions for infrastructure management Pt 3

Explain software assurance best practices

Explain hardware assurance best practices

### Module 3: Security Operations and Monitoring

Given a scenario, analyze data as part of security monitoring activities Pt 1

Given a scenario, analyze data as part of security monitoring activities Pt 2

Given a scenario, analyze data as part of security monitoring activities Pt 3

Given a scenario, implement configuration changes to existing controls to improve security Pt 1

Given a scenario, implement configuration changes to existing controls to improve security Pt 2

Explain the importance of proactive threat hunting

Compare and contrast automation concepts and technologies

### Module 4: Incident Response

Explain the importance of the incident response process

Given a scenario, apply the appropriate the incident response procedure

Given an incident, analyze potential indicators of compromise

Given a scenario, utilize basic digital forensic techniques

### Module 5: Compliance and Assessment

Understand the importance of data privacy and protection

Given a scenario, apply security concepts in support of organizational risk mitigation Pt 1

Given a scenario, apply security concepts in support of organizational risk mitigation Pt 2

Explain the importance of frameworks, policies, procedures, and controls Pt 1

Explain the importance of frameworks, policies, procedures, and controls Pt 2

## Module 6: Afterword

Recap

Review Questions

Before the Exam