GIAC Critical Controls Certification

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Online Course

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GIAC Critical Controls Certification

Course Modules

1. v8 Access Control Management

Familiar with processes and tools used create, assign, manage, and revoke access credentials and privileges for user, administrator, and service accounts for enterprise assets and software.

2. v8 Account Management

Familiar with processes and tools used to assign and manage authorization to credentials for accounts to enterprise assets and software.

3. v8 Application Software Security

Familiar with the processes and tools to manage the security life cycle of in-house developed, hosted, or acquired software to prevent, detect, and remediate security weaknesses before they can impact the enterprise.

4. v8 Audit Log Management

Familiar with the processes and tools used to collect, alert, review, and retain audit logs to help detect, understand, and recover from an attack.

5. v8 Background on CIS Controls, Standards, and Governance

   Familiar with the background, history, and purpose of the CIS Controls, notable Security Standards, and Security Program Governance. The GIAC Critical Controls Certification exam is aligned with the current release, CIS Controls V8.0.

6. v8 Continuous Vulnerability Management

   Familiar with the processes and tools used to continuously assess, track vulnerabilities on all enterprise assets, and remediate them, and to monitor sources for new threat and vulnerability information.

7. v8 Data Protection

   Familiar with the processes and technical controls to identify, classify, securely handle, retain, and dispose of data.

8. v8 Data Recovery

   Familiar with processes and tools used to establish and maintain data recovery practices to restore in-scope enterprise assets to a pre-incident and trusted state.

9. v8 Email and Web Browser Protections

   Familiar with the processes and tools used to defend email and web based internet traffic from threats intending to manipulate human behavior through direct engagement.

10. v8 Incident Response Management

   Familiar with process and tools to establish a program to develop and maintain an incident response capability to prepare, detect, and quickly respond to an attack.

11. v8 Inventory and Control of Enterprise Assets

   Familiar with the processes and tools used to actively account for and manage the inventory of enterprise assets and all associated data throughout their life cycles.

12. v8 Inventory and Control of Software Assets

   Familiar with the processes and tools used to actively manage all software on the network so that only authorized software is installed and can execute, and that unauthorized and unmanaged software is found and prevented from installation or execution.

13. v8 Malware Defenses

Familiar with the processes and tools used to prevent or control the installation, spread, and execution of malicious applications on enterprise assets.

14. v8 Network Infrastructure Management

Familiar with processes and tools used to establish, implement, and actively manage network devices, in order to prevent attackers from exploiting vulnerable network services and access points.

15. v8 Network Monitoring and Defense

Familiar with the processes and tools that establish and maintain comprehensive network monitoring and defense against security threats across the enterprise's network infrastructure and user base.

16. v8 Penetration Testing

Familiar with process and tools used to test the effectiveness and resiliency of enterprise assets through identifying and exploiting weaknesses in controls, and simulating the objectives and actions of an attacker.

17. v8 Secure Configuration of Enterprise Assets and Software

Familiar with the processes and tools to establish and maintain the secure configuration of enterprise assets and software.

18. v8 Security Awareness and Skills Training

Familiar with processes to establish and maintain a security awareness prgrm to increase the workforce's security consciousness and skills in order to reduce cybersecurity risks to the enterprise.

19. v8 Service Provider Management

Familiar with processes to evaluate service providers who hold sensitive data, or are responsible for an enterprise's critical IT platforms or processes, to ensure these providers are protecting those platforms and data appropriately.

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