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Information Security Management

- *Security Fundamentals (Security+ or GISF)*
- *Ethical Hacking & Countermeasures (CEH or GPEN)*
- *Web Application Security (ECSP or GWAPT)*
- *IT Security Assessment (ECSA/LPT or OSCP)*
- *Computer Forensics (CHFI or GCFA)*
- *Wireless Security (CWSP or GAWN)*
- *Firewall Security (Checkpoint R75)*
- *Intrusion Analysis (GCIA)*
- *Malware Analysis (GREM)*
- *Certified Information Systems Security Professional (CISSP)*
- *Certified Information Security Manager (CISM)*
- *Cloud Security (CCSK)*

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Security Fundamentals

Home

Security Fundamentals

Security Fundamentals covers all fundamentals requirements of security such as ***Network Security, Compliance*** *and* ***Operational Security, Threats*** *and* ***Vulnerabilities, Application, Data*** *and* ***Host Security, Access Control*** *and* ***Identity Management, Cryptography***.

Our workshop ensures that participants understand how to anticipate security risks and guard against them by applying knowledge of security concepts, tools, and procedures taught in the workshop.

Prerequisite: Basic computing skills and some knowledge of networking concepts

Workshop Duration: 2 days

Schedule: Training Calendar

Examination	Security+	GISF
Certifying Body	CompTIA	SANS Institute
Exam Fee	US$ 225	US$ 999
Exam Duration	1.5 hours	2 hours
Exam Type	Online Proctored	Online Proctored
Exam Questions	100 multiple choice	75 multiple choice
Exam Pass Score	75%	70%

Ethical Hacking & Countermeasures

Home

Ethical Hacking & Countermeasures

Ethical Hacking & Countermeasures helps participants understand various tools which are used for hacking and how to develop countermeasures against these.

Many of today's top hacking tools and methodologies like ***Network Scanning, Password Cracking, Steganography, ARP Spoofing, Denial of Service, Session Hijacking, SQL Injection, Cross Side Scripting, Buffer Overflows*** are explained thoroughly in our hands-on workshop by senior security professionals who handle **VAPT** (**V**ulnerability **A**ssessment & **P**enetration **T**esting) on a regular basis.

Prerequisite: Adequate knowledge of networking operating systems and TCP/IP fundamentals

Workshop Duration: 4 days

Schedule: Training Calendar

Examination	CEH	GPEN
Certifying Body	EC-Council	SANS Institute
Exam Fee	US$ 500	US$ 999
Exam Duration	4 hours	3 hours
Exam Type	Online Proctored	Online Proctored
Exam Questions	150 multiple choice	115 multiple choice
Exam Pass Score	70%	74%

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Web Application Security

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Web Application Security

Web Application Security training helps participants understand the vulnerabilities in web applications and how to prevent these by adopting secure design principles in all phases of the **SDLC** (**S**oftware **D**evelopment **L**ife **C**ycle).

Our workshop covers ***security testing, code review, threat modeling*** using various tools and methodologies prescribed by **O**pen **W**eb **A**pplication **S**ecurity **P**roject (**OWASP**) **Top 10** and outlined in the **C**ommon **W**eakness **E**numeration (**CWE**) **Top 25**.

Prerequisite: Exposure to software programming / coding, developing applications and / or requirement to audit applications from a security perspective.

Workshop Duration: 2 days

Schedule: Training Calendar

Examination	ECSP	GWAPT
Certifying Body	EC-Council	SANS Institute
Exam Fee	US$ 250	US$ 999
Exam Duration	2 hours	2 hours
Exam Type	Online Proctored	Online Proctored
Exam Questions	50 multiple choice	75 multiple choice
Exam Pass Score	70%	70%

IT Security Assessment

Home

IT Security Assessment

IT Security Assessment explores the analytical phase of VAPT. It gives an in depth perspective of advanced hacking and penetration testing methodologies.

Participants understand how to analyze the outcome of using security tools and security testing techniques. Our workshop covers ***Vulnerability Assessment, Designing a DMZ, Log Analysis, Penetration Testing Methodologies, Report*** *and* ***Documentation Writing*** and is delivered by professional security analysts who handle IT Security Assessments on a regular basis.

Prerequisite: Adequate knowledge of hacking methodologies and must have thorough understanding of hacking methodologies and application security flaws

Workshop Duration: 4 days

Schedule: Training Calendar

Examination	ECSA / LPT	OSCP
Certifying Body	EC-Council	Offensive Security
Exam Fee	US$ 300 + US$ 500	US$ 750
Exam Duration	2 hours	24 hours
Exam Type	Online	Virtual Network
Exam Questions	50 multiple choice	Live Penetration Test
Exam Pass Score	70%	Detailed Test Report

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Computer Forensics

Home

Computer Forensics

Computer Forensics helps participants understand how to gather digital evidence to show proof of cyber crime which is admissible in a court of law.

Our workshop helps participants understand the ***computer forensics investigation process, handling incident response, windows*** *and* ***network forensics, investigating logs*** *and* ***network traffic, data acquisition best practices, recovering deleted files*** *and* ***partitions, log capturing*** *and* ***event correlation, tracking emails*** *and* ***investigating email crimes*** *and* ***mobile forensics***. Participants learn how to use various tools of the forensic trade like **Helix** and **Encase**.

Prerequisite: Adequate knowledge of networking, operating systems and hacking methodologies
Workshop Duration: 4 days
Schedule: Training Calendar

Examination	CHFI	GCFA
Certifying Body	EC-Council	SANS Institute
Exam Fee	US$ 500	US$ 999
Exam Duration	4 hours	3 hours
Exam Type	Online Proctored	Online Proctored
Exam Questions	150 multiple choice	115 multiple choice
Exam Pass Score	70%	69%

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Wireless Security

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Wireless Security

Wireless Security training helps provide participants with the necessary skills for implementing and managing wireless security in the enterprise. Wireless networks are inherently more vulnerable than wired networks.

Participants will get hands-on experience in configuring, testing, and implementing a broad variety of wireless security solutions. Our workshop helps participants understand how to use various tools such as ***NetStumbler***, ***AiroPeek***, ***Kismet***, ***Wireshark*** and how hackers attack 802.11 based networks including ***WEP cracking***.

Prerequisite: Exposure to wireless networking.
Workshop Duration: 2 days
Schedule: Training Calendar

Examination	CWSP	GAWN
Certifying Body	CWNP	SANS Institute
Exam Fee	US$ 225	US$ 999
Exam Duration	1.5 hours	4 hours
Exam Type	Online Proctored	Online Proctored
Exam Questions	60 multiple choice	150 multiple choice
Exam Pass Score	70%	70%

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Firewall Security

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Checkpoint R75

Checkpoint R75 course covers concepts and skills necessary to implement, configure and maintain Checkpoint Software Blades including Firewall, IPSEC VPN, IPS, IPSO, network policy management, logging, status and monitoring, URL filtering, anti-virus, anti-malware, anti-spam & email security.

Our workshop teaches participants how to configure a Security Policy and learn about managing and monitoring a secure network. In addition, participants will upgrade and configure a Security Gateway to implement a virtual private network for both internal and external, remote users.

Prerequisite: Adequate knowledge of networking, Windows and/or UNIX and TCP/IP fundamentals.
Workshop Duration: 3 days
Schedule: Training Calendar

Examination	**CCSA**
Certifying Body	Checkpoint
Exam Fee	US$ 200
Exam Duration	2 hours
Exam Type	Online Proctored
Exam Questions	90 multiple choice
Exam Pass Score	70%

Intrusion Analysis

Home

Intrusion Analysis

Intrusion Analysis helps participants understand how to examine the packet decode from network intrusion detection systems. A skilled intrusion analyst will be able to analyze packets to reduce the likelihood of false positives and also be able to proactively update signatures and apply new filters to deal with emerging threats.

Our workshop gives a better understanding of intrusion analysis from an industry perspective - how to detect intrusions, monitor, interpret and analyze network traffic and related log files, how to use Snort to detect intrusions, how to do signature analysis of attacks.

Prerequisite: Adequate knowledge of network security, intrusion detection, log analysis and incident response.
Workshop Duration: 2 days
Schedule: Training Calendar

Examination	GCIA
Certifying Body	SANS Institute
Exam Fee	US$ 999
Exam Duration	4 hours
Exam Type	Online Proctored
Exam Questions	150 multiple choice
Exam Pass Score	67%

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Malware Analysis

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Malware Analysis

Malware, short for **mal**icious soft**ware** is designed to infiltrate computer system/s and wreck havoc on the operating system, network or application.

Our workshop on Malware Analysis helps participants understand how to reverse engineer malicious programs using a variety of system and network monitoring utilities, a dissembler, a debugger, and other tools covering both behavioral and code analysis.

Prerequisite: Adequate knowledge of network security, computer forensics and incident response.
Workshop Duration: 2 days
Schedule: Training Calendar

Examination	GREM
Certifying Body	SANS Institute
Exam Fee	US$ 999
Exam Duration	5 hours
Exam Type	Online Proctored
Exam Questions	180 multiple choice
Exam Pass Score	70%

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CISSP

Home

Certified Information Systems Security Professional

CISSP is considered the Gold Standard for information security. It is considered one of the most important certifications to move up the ladder into a security management role.

ISC² (**I**nternational **I**nformation **S**ystems **S**ecurity **C**ertification **C**onsortium) specifies **10 security domains** in the CISSP **CBK** (**C**ommon **B**ody of **K**nowledge):

- ***Access Controls***
- ***Telecommunication & Network Security***
- ***Information Security Governance & Risk Management***
- ***Software Development Security***
- ***Cryptography***
- ***Security Architecture and Design***
- ***Operations Security***
- ***Business Continuity & Disaster Recovery Planning***
- ***Legal, Regulations, Investigations & Compliance***
- ***Physical (Environmental) Security***

Our workshop covers all the 10 security domains with various security concepts explained using relevant examples to help participants understand the requirements from an exam perspective. A mock exam on completion helps participants prepare for the CISSP exam from **ISC²**.

Prerequisite

- Five (5) years of work experience with at least two (2) years of specific domain expertise on any two (2) domains of the ISC² CBK.
- Waiver of one (1) year if you have four (4) years of college education.
- Additional waiver if you have any one of the certifications outlined in the ISC² approved list.

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CISSP …

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Suggested study material would be

- All-in-one CISSP Exam Guide by ***Shon Harris***
- CISSP Prep Guide Platinum Edition by ***Ronald L Krutz***
- Official ISC² Guide to the CISSP CBK by ***Harold Tipton***

Workshop Duration: 4 days
Schedule: Training Calendar

Certification Process & Maintenance

- **Endorsement** from existing CISSP
- Minimum 20 contact hours of **CPE** (**C**ontinuing **P**rofessional **E**ducation)
- Minimum 120 contact hours of CPE during a fixed 3 year period
- US$ 85 towards **AMF** (**A**nnual **M**aintenance **F**ee)

Examination	**CISSP**
Certifying Body	ISC² (**I**nternational **I**nformation **S**ystems **S**ecurity **C**ertification **C**onsortium)
Exam Fee	US$ 599
Exam Duration	6 hours
Exam Type	Online Pearson VUE
Exam Questions	250 multiple choice
Exam Pass Score	70% (Scaled score of 700 points out of a 1000 point scale)

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CISM

Home

Certified Information Security Manager

CISM is suitable for those responsible for information security management in their organization. For professionals in the information security domain, a CISM would help differentiate their experience and qualification.

ISACA (**I**nformation **S**ystems **A**udit and **C**ontrol **A**ssociation) specifies **4security management areas:**

- ***Information Security Governance***
- ***Information Risk Management and Compliance***
- ***Information Security Program Development and Management***
- ***Incident Management & Response***

Our workshop covers the 4 security management areas specified by ISACA for CISM with various security management concepts explained with relevant examples to help participants understand the requirements from an exam perspective. A mock exam on completion helps participants prepare for the CISM exam from **ISACA**.

Prerequisite

- Five (5) years of information security work experience with at least three (3) years of specific domain expertise on any three (3) or more of the job practice analysis areas.
- Experience substitution of two (2) years if you are already a CISA or CISSP in good standing and 1 year if you have one of the skill based certifications such as MCSE, SANS GIAC or CBCP specified by ISACA.

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CISM …

Home

Suggested study material would be

- CISM Review Manual from ***ISACA***
- CISM Prep Guide by ***Ronald L Krutz & Russel Dean Vines***

Workshop Duration: 3 days
Schedule: Training Calendar

Certification Process & Maintenance

- Minimum 20 contact hours of **CPE** (**C**ontinuing **P**rofessional **E**ducation)
- Minimum 120 contact hours of CPE during a fixed 3 year period
- US$ 40 towards **AMF** (**A**nnual **M**aintenance **F**ee)

Examination	**CISM**
Certifying Body	ISACA (**I**nformation **S**ystems **A**udit and **C**ontrol **A**ssociation)
Exam Fee	US$ 635
Exam Duration	4 hours
Exam Type	Offline paper based (conducted twice a year in June and December)
Exam Questions	200 multiple choice
Exam Pass Score	450 (Scaled score of 450 points on a 200-800 point scale)

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Cloud Security

Home

Certificate of Cloud Security Knowledge

Cloud Security is the set of security protocols, methodologies and technologies that protect the availability of cloud resources and the integrity of data stored in a cloud computing environment.

Our workshop helps participants understand cloud computing fundamentals and the requirements of cloud security covering all the domains outlined by **CSA** (**C**loud **S**ecurity **A**lliance) and the recommendations given by **ENISA** (**E**uropean **N**etwork and **I**nformation **S**ecurity **A**gency. Participants get a better understanding of how an organization can effectively transition securely into a cloud computing environment.

Prerequisite: Good understanding of security fundamentals, firewalls, secure development, encryption and identity management

Workshop Duration: 3 days

Schedule: Training Calendar

Examination	**CCSK**
Certifying Body	CSA (**C**loud **S**ecurity **A**lliance)
Exam Fee	US$ 345 (2 attempts)
Exam Duration	1.5 hours
Exam Type	Online Proctored
Exam Questions	60 multiple choice
Exam Pass Score	80%