



Ethical Hacking Essentials (EHE)

Exam Blueprint v1



Ethical Hacking Essentials

Exam Blueprint

S. No.	Domains	Sub Domains	Domain %
1	Information Security Fundamentals	Information Security Fundamentals	6
		Information Security Laws and Regulations	
2	Ethical Hacking Fundamentals	Cyber Kill Chain Methodology	6
		Hacking Concepts and Hacker Classes	
		Different Phases of Hacking Cycle	
		Ethical Hacking Concepts, Scope, and Limitations	
		Ethical Hacking Tools	
3	Information Security Threats and Vulnerability Assessment	Threat and Threat Sources	10
		Malware and its Types	
		Malware Countermeasures	
		Vulnerabilities	
		Vulnerability Assessment	
4	Password Cracking Techniques and Countermeasures	Password Cracking Techniques	6
		Password Cracking Tools	
		Password Cracking Countermeasures	
5	Social Engineering Techniques and Countermeasures	Social Engineering Concepts and its Phases	8
		Social Engineering Techniques	
		Insider Threats and Identity Theft	
		Social Engineering Countermeasures	

6	Network Level Attacks and Countermeasures	Packet Sniffing Concepts	12
		Sniffing Techniques	
		Sniffing Countermeasures	
		DoS and DDoS Attacks	
		DoS and DDoS Attack Countermeasures	
		Session Hijacking Attacks	
7	Web Application Attacks and Countermeasures	Session Hijacking Attack Countermeasures	12
		Web Server Attacks	
		Web Server Attack Countermeasures	
		Web Application Architecture and Vulnerability Stack	
		Web Application Threats and Attacks	
		Web Application Attack Countermeasures	
		SQL Injection Attacks	
SQL Injection Attack Countermeasures			
8	Wireless Attacks and Countermeasures	Wireless Terminology	10
		Wireless Encryption	
		Wireless Network-Specific Attack Techniques	
		Bluetooth Attacks	
		Wireless Attack Countermeasures	
9	Mobile Attacks and Countermeasures	Mobile Attack Anatomy	8
		Mobile Platform Attack Vectors and Vulnerabilities	
		Mobile Device Management (MDM) Concept	
		Mobile Attack Countermeasures	
10	IoT and OT Attacks and Countermeasures	IoT Concepts	10
		IoT Threats and Attacks	
		IoT Attack Countermeasures	
		OT Concepts	
		OT Threats and Attacks	
		OT Attack Countermeasures	

11	Cloud Computing Threats and Countermeasures	Cloud Computing Concepts	8
		Container Technology	
		Cloud Computing Threats	
		Cloud Attack Countermeasures	
12	Penetration Testing Fundamentals	Fundamentals of Penetration Testing and its Benefits	4
		Strategies and Phases of Penetration Testing	
		Guidelines and Recommendations for Penetration Testing	