X

NPTEL   reviewer1@nptel.iitm.ac.in ▼

Courses » Information security - IV   Announcements   **Course**   Ask a Question   Progress   Mentor

Unit 4 - Week - 2

Course outline

Week - 0 Practice Quizzes

Week - 1

Week - 2

- ● Internet Security Threats
- ○ History of Kali Linux
- ● Penetration Testing with Kali Linux
- ● Network Security and Forensics Introduction - I
- ○ Network Security and Forensics Introduction - II
- ● Penetration Testing: An Introduction
- ● Penetration testing steps in Kali Linux
- ○ Quiz : Assignment - 2
- ○ Week 2 - Feedback - Information security - IV

Week - 3

Week 4

Week 5

Week 6

Week 7

Assignment - 2

The due date for submitting this assignment has passed. **Due on 2018-02-21, 23:59 IST.**

Submitted assignment

1) The first thing that an attacker does in a network is to identify the IP address of machines in the network. Which tools can he use for this: ***1 point***

- ○ ping
- ○ traceroute
- ○ nmap
- ○ All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

2) The list of services running on the machine can be identified by using which of the following tools: ***1 point***

- ○ ping
- ○ nmap
- ○ traceroute
- ○ None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
nmap

3) UNIX was first developed in which of the following languages.   ***1 point***

- ○ B (Binary)
- ○ A (Assembly)
- ○ C
- ○ both a and b

No, the answer is incorrect.
Score: 0

Accepted Answers:
both a and b

4) The difference between UNIX and MINIX is that: ***1 point***

- ○ UNIX has a micro-kernel based design
- ○ MINIX has a micro-kernel based design
- ○ None of the above

Week 8

DOWNLOAD VIDEOS

No, the answer is incorrect.
Score: 0

Accepted Answers:
MINIX has a micro-kernel based design

5) Penetration testing refers to the process where attackers attack systems, applications, and protocols that are currently deployed by the organization for fun or profit. State true or false?   *1 point*

○ True
○ False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

6) Kali Linux is based on which of the operating systems: *1 point*

○ Unix
○ Linux
○ BackTrack
○ All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

7) Hacking as an activity is considered   *1 point*

○ Legal
○ as a Crime
○ as a Hobby
○ Ethical

No, the answer is incorrect.
Score: 0

Accepted Answers:
as a Crime

8) Network administration activity also includes   *1 point*

○ Social Engineering
○ Hacking
○ Network Security
○ finding solution to computer issues

No, the answer is incorrect.
Score: 0

Accepted Answers:
Network Security

9) A common entry point for a ransomware usually happens   *1 point*

○ when a computer has no antivirus software is installed
○ when an external unverified link is visited while browsing or reading email
○ when the computer is kept on at all times
○ when a weekly upgrade for the computer is missed

No, the answer is incorrect.
Score: 0

Accepted Answers:
when an external unverified link is visited while browsing or reading email

10)dentify the one that is not a security attack but a countermeasure   *1 point*

○ Social Engineering
○ Denial of Service
○ Packet Sniffing
○ Firewall

No, the answer is incorrect.
Score: 0

Accepted Answers:
Firewall

11) Which among the following term is used for evaluation of the risk or vulnerability in a system? *1 point*

○ Security Audit
○ Network Assessment
○ Penetration testing
○ None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Network Assessment

12) Which of the following activities would enable the verification of the vulnerabilities?   *1 point*

○ Security Audit
○ Network Assessment
○ Penetration testing
○ None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Penetration testing

13) Which one of the following is NOT in the 5 steps of Penetration testing concepts?   *1 point*

○ Reconnaissance
○ Target Evaluation
○ Foothold maintenance
○ Auditing of network

No, the answer is incorrect.
Score: 0

Accepted Answers:
Auditing of network

14) The Reconnaissance tools in Kali Linux is available under which of the submenu options: *1 point*

○ Information Gathering
○ Vulnerability Analysis
○ Web Applications
○ Password crackers

No, the answer is incorrect.
Score: 0

Accepted Answers:
Information Gathering

◁ **Previous Page**   **End** ▷

A project of

NPTEL National Programme on Technology Enhanced Learning

In association with

NASSCOM®

Funded by

Government of India
Ministry of Human Resource Development

Powered by

Google™