ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

00031

Term-End Examination

June, 2015

OSEI-044 : SERVER SECURITY

Time : 2 hours   Maximum Marks : 50

Note :   (i)   Section - 'A' answer **all** the objective type questions.

(ii)   Section - 'B' answer **all the very short** answer type questions.

(iii) Section - 'C' answer **2 out of 3 short** answer type questions.

(iv)   Section - 'D' answer **2 out of 3 long** questions.

SECTION - A

(Attempt all the questions)   1x10=10

1.   _____ is a free and open - source Mail Transfer Agent (MTA) that routes and delivers electronic mail.

2.   _____ refers to e-mail that appears to have originated from one source when it was actually sent from another source.

3. _____ is the ability of users to deny that they performed specific actions or transactions.

4. XSHM stands for _____ .

5. A _____ is a piece of software that grabs information 'packets' that travel along a network.

6. A _____ attack is basically an act of sabotage against a service running on a port on a targeted system.

7. A _____ is a program that attempts to decrypt or otherwise disable password protection.

8. _____ refers to the act of a person abusing computer access, breaking into computers, or using computers without authorization.

9. A _____ is a program that automatically detects security weaknesses in a remote system.

10. The _____ allows multiple processes to securely share the machine's main memory system.

SECTION - B

(Attempt **all five** very short answer type questions)

5x2=10

11. What do you understand by the term Email - Jamming ?

12. What are cookies ?

13. Write a short note on the term linux service.

14. What do you understand by privilege Escalation ?

15. Write a note on Eudora Internet Mail Server.

SECTION - C
(Attempt 2 out of 3 short answer type questions)

2x5=10

16. Describe Encryption. Explain the types of Encryption.

17. Explain the types of Wireless Network.

18. Write a note on Kerberos and SSH.

SECTION - D
(Attempt 2 out of 3 long questions)   **2x10=20**

19. Explain Client side and Server side technologies in detail.

20. Write the steps to apply a patch. Explain the issues while creating software patches. Why is configuration testing of patches important ?

21. Write short notes on the following :
    (a) Port forwarding and Blocking
    (b) User space Vs. Kernel Space
    (c) Configuration Tools
    (d) POSIX
    (e) Profiling

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