



About the Course Announcements

Ask a Question

Mentor **Progress**

1 point

1 point

NPTEL » Ethical Hacking

Course outline	Accienment 0	
low to access the portal	Assignment 2	
	The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-08-2	1, 23:59 IST.
Veek 0 : Assignment 0		d maint
Veek 1	An IP packet arrives at a router with the first eight bits as 01001000. How many bytes are there in the OPTIONS field?	1 point
Veek 2	○ a. 4 ○ b. 8	
 Lecture 06 : IP addressing and routing (Part I) 	○ c. 12 ○ d. None of these	
 Lecture 07 : IP addressing and routing (Part II) 	No, the answer is incorrect. Score: 0 Accepted Answers:	
Lecture 08 : TCP and UDP (Part I)	c. 12	
Lecture 09 : TCP and UDP (Part II)	2) In an IP packet, the value of HLEN is 5, and the value of the TOTAL LENGTH field is 1000 (in decimal). The number of data bytes in the packet.	ket will be
Lecture 10 : IP subnetting		
Lecture Material of Week 2	No, the answer is incorrect. Score: 0	
○ Quiz : Assignment 2	Accepted Answers: (Type: Numeric) 980	
○ Feedback for Week 2	(type: Numeric) 500	1 point
Week 3	3) An IP packet arrives at the final destination with the M flag set as 1. What can you say about the packet?	1 point
Week 4	a. The packet has not been fragmented. b. The packet has been fragmented.	
Week 5	c. The packet has been fragmented, and this is not the last fragment.	
Week 6	O. The packet data was truncated on its way. No, the answer is incorrect.	
Veek 7	Score: 0 Accepted Answers:	
Veek 8	b. The packet has been fragmented. c. The packet has been fragmented, and this is not the last fragment.	
Veek 9	4) Which address class does the IP address 227.12.85.123 belong to?	1 point
Week 10	a. Class A b. Class B	
Week 11	○ c. Class C	
Week 12	○ d. Class D	
	No, the answer is incorrect. Score: 0	
DOWNLOAD VIDEOS	Accepted Answers: d. Class D	
Solutions	5) What do the following IP address signify: 144.16.255.255 ?	1 point
ive Session	a. It is a unicast address on the class B network 144.16.0.0	
Text Transcripts	b. It is a broadcast address on the class B network 144.16.0.0 c. The subnet mask is 0.0.255.255	
	Od. None of these No, the answer is incorrect.	
	Score: 0 Accepted Answers:	
	b. It is a broadcast address on the class B network 144.16.0.0	
	6) An IP packet with 2500 bytes of data (plus header) passes through an IP network with MTU = 500 bytes. How many additional bytes will be at the destination?	e delivered 1 point
	a. 64	
	○ b. 100 ○ c. 150	
	○d. 200	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: b. 100	
	7) The maximum number of hosts that are possible in a class C network is	
	No the anguar is incorrect	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: (Type: Numeric) 254	
		1 point
	8) What is the purpose of the sequence number field in the TCP header?	1 point
	a. Used for reliable delivery of message.	

 b. Used to keep track of the number of connections. c. Used to keep track of number of packets successfully delivered. No, the answer is incorrect.

Score: 0 Accepted Answers:

a. Used for reliable delivery of message.

9) What is the subnet address if the destination IP address is 144.16.34.124 and the subnet mask is 255.255.240.0? a. 144.16.32.0 b. 144.16.34.0

c. 144.16.0.0 d. None of these

No, the answer is incorrect. Score: 0

Accepted Answers: a. 144.16.32.0

10) What is a TCP half-open connection in the context of connection establishment using 3-way handshake?

 a. The first transaction in the 3-way handshake does not complete. b. The second transaction in the 3-way handshake does not complete.

c. The last transaction in the 3-way handshake does not complete. d. None of these.

No, the answer is incorrect. Score: 0 Accepted Answers:

c. The last transaction in the 3-way handshake does not complete.