题目**1** 还未回答 满分10.00 で 标记题目

What are the values (in hex, with no prefix 0x) of the following fields in the PPP frame that carries IP datagrams? Starting flag = 0x7E Address = 0xFF Control = 0X03

Th	nis figurer s	shows the	format of a	standard Eth	ernet fram	e.					
	(1)	(2)	(3)	(4)	(5)						
1,	(1) is th	ne field of	D.MAC		, it	ts size is	6	bytes.			
2,	(2) is the	ne field of	S.MAC		, its si	ize is 6	by	/tes.			
3,	(3) is th	ne field of	Туре						, its size is	2	bytes.
4,	(4) is the	ne field of	Data ,	its maximun	n size is	16~1500	bytes				
5,	(5) is the	ne field of	FCS	, its size	e is 4	bytes.					

Protocol = 8021

Ending flag = 0x7E

4. events or operations timing

The "semantics" of the network protocol means _____.
选择一项:

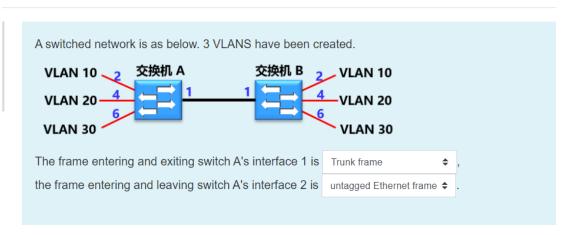
 1. data format
 2. operations to take
 3. data type

选择一项:				
O 1.5				
○ 2.4 ○ 3.7				
4.6				
O 5. 3				
清除我的选择				
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选择一项:				
O 1. data format				
2. operations to take				
○ 3. data type				
 4. events or operations timing 				
清除我的选择				
Spanning Tree Protocol (STP) provides protection against				
选择一项:				
O 1. VLAN hopping				
O 2. Switch loops				
O 3. Fault tolerance				
4. Router loops				
清除我的选择				

Assume that the data link layer uses the Go-back-N (GBN) protocol. The sender has sent frames numbered 0 to 6. When the timer expires, if the sender only receives acknowledgements for frames 0, 2, and 3, how many frames does the sender need to

resend?

Which two functions are provided by the NCP during a PPP connection? 选择一项或多项: □ 1. enhancing security by providing callback over PPP ☑ 2. negotiating options for the IP protocol □ 3. bringing the network layer protocol or protocols up and down □ 4. managing authentication of the peer routers of the PPP link



The minimum Ethernet frame size is ____ bytes.

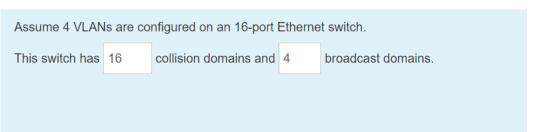
选择一项:
① 1. 46
② 2. 512
② 3. 32
② 4. 64

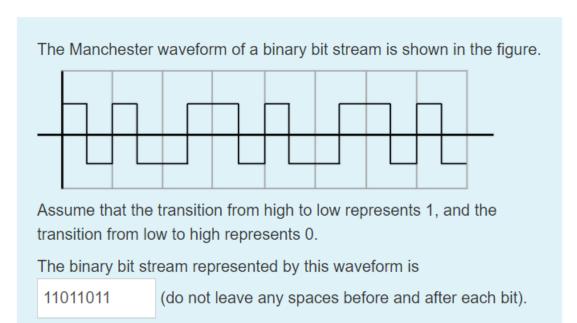
清除我的选择

Using stop and wait protocol, sender wants to transmit 10 data packets to the receiver. Out of these 10 data packets, every 4th (i.e 4th, 8th, 12th, ...) data packet is lost. How many packets sender will have to send in total?

选择一项:

1.10
2.13
3.12
4.14
5.11
清除我的选择





Drag the correct answer then drop it to the box of the corresponding color. The 1 Gbps means that 1.25 x 10^8 bytes can be transferred per second. If a 100 MB data block is sent at this rate, it takes 0.84 seconds. 1 x 10^9 8 x 10^9 1 x 10^8 8.40 838.9
A and B are the only two stations on Ethernet. Each has a steady queue of frames to send. Both A and B attempts to transmit a frame, collide and A wins first back off race. At the end of this successful transmission by A, both A and B attempt to transmit and collide. The probability that A wins the second back off race is 5/8
Which codes can be used to correct errors?
选择一项或多项:
☐ 1. Parity Check
2. Hamming codes
☑ 3. Cyclic Redundancy Checks (CRCs)
4. Binary convolutional codes
Suppose a bit stream 100100 is transmitted using the standard CRC method. The generator polynomial is 1101. The CRC is:
选择一项:
O 1.010
O 2. 100
3.001
O 4. 011
Attendants for the second of t

	Which layer provides end-to-end communication?					
	选择一项:					
	O a. Network					
	O b. Data Link					
	c. Transport					
	O d. Application					
	清除我的选择					
	at term describes a computing model where server software runs on dedicated puters?					
选择						
0	1. switch					
0 :	2. peer-to-peer					
0	3. network					
0	4. remote access					
0	5. cloud					
•	6. client/server					
	6. client/server <u>清除我的选择</u>					