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**Exam** : **920-806**

**Title** : Nortel Advanced Data  
Networking Technology

**Version** : Demo

1.A customer would like to limit access to the research and development network to engineers and their managers. These employees need the ability to login throughout the building on any PC and to access the network remotely.Which solution will accomplish this?

- A.machine-based authentication using RADIUS authentication
- B.PC-based authentication using LDAP authentication
- C.Extensible Authentication Protocol over LAN (EAPoL) with TACACS+
- D.policy-based user provisioning with Enterprise Policy Manager and RADIUS

**Answer: D**

2.Click on the Exhibit button.

A customer is using PPP to communicate between two locations that are connected by a dial-up circuit. They are having problems with the link and think that it is an issue with the CHAP authentication. They have the ability to perform a packet capture on the circuit. They will create a filter looking at the protocol field in the PPP header to reduce the volume of traffic they need to examine.

Which PPP protocol should they examine to see the CHAP authentication traffic during link setup?

- A.Network Layer
- B.Link Control Protocol (LCP)
- C.Network Control Protocol (NCP)
- D.Datalink Control Protocol (DCP)

```
1.1]$ log -ePPP
# 20: 07/11/01 19:51:07.703 WARNING SLOT 1 PPP Code: 118
Inbound link quality at 80% on line 201301:0, circuit 2.
Link quality below configured minimum, killing line 201301:0, circuit 2.

# 21: 07/11/01 19:51:08.812 INFO SLOT 1 PPP Code: 200
Link layer for line 201301:0 initializing for circuit 2.

# 22: 07/11/01 19:51:11.843 INFO SLOT 1 PPP Code: 142
Link Establishment Phase complete on line 201301:0, circuit 2.
LCP up on line 201301:0, circuit 2.

# 23: 07/11/01 19:51:17.957 INFO SLOT 1 PPP Code: 146
Inbound/Outbound link quality back to desired level on line 201301:0,
circuit 2.

# 24: 07/11/01 19:51:18.003 INFO SLOT 1 PPP Code: 26
Interface up on circuit 2.

# 25: 07/11/01 19:51:20.894 INFO SLOT 1 PPP Code: 28
IPCP up on circuit 2.
```

**Answer: B**

3.Line-of-sight is one of the boundaries of Radio Frequency (RF) waves. They are also affected by obstacles that can cause the waves to bend, bounce, or become distorted.Which type of electromagnetic wave is a radio wave?

- A.direct wave
- B.ground wave
- C.space wave
- D.fluid wave

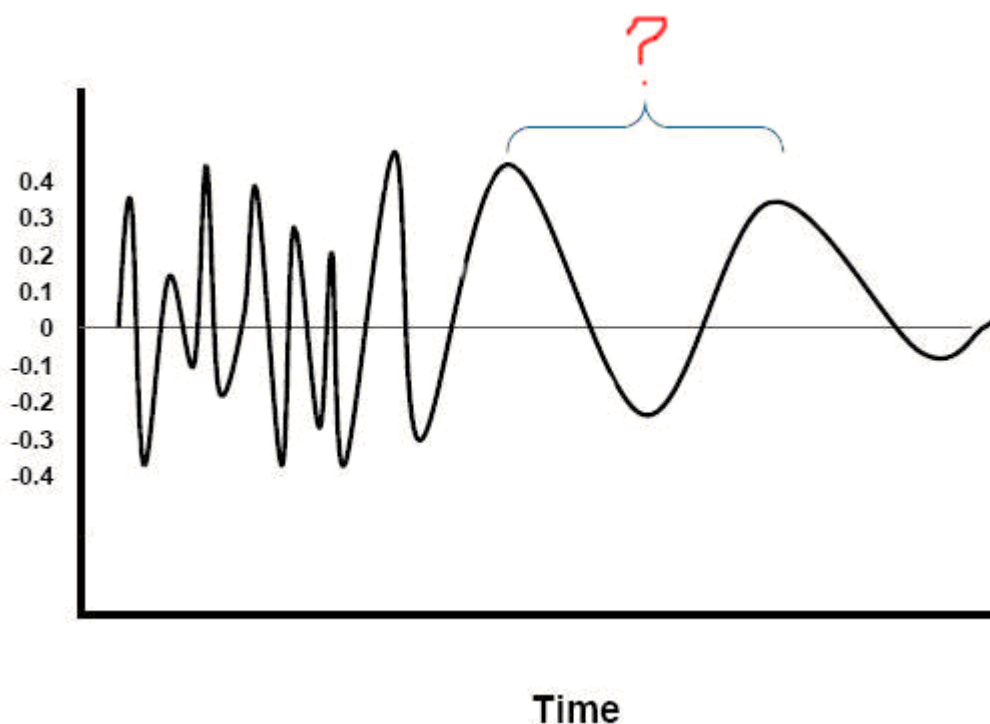
**Answer: A**

4.Click on the Exhibit button.

Using the exhibit, what do you call the measure of the amount of time the wave takes from the moment it hits peak intensity to the moment it hits peak intensity again?

- A.cycle
- B.amplitude
- C.frequency

D.wavelength



**Answer: D**

5.A large retail store has decided to use a wireless network to attach cash registers and computers to the network, so that they can rearrange the floor layout without having to pull network cable every time they rearrange displays. The issue is that when they first tried to implement IEEE 802.11b last year, there was too much interference from other WLANs and cordless telephones, and the computers received very poor signal strength.Which change would most help fix this problem?

- A.Use 802.11g to increase the number of channels available.
- B.Use 802.11a on the 5GHz range with more channels.
- C.Use 802.11b on a non-standard channel to keep from conflicting with the other WLANs.
- D.Use 802.11b on the alternate 5GHz range with more channels.

**Answer: B**