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PRINTABLES

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DETAILED EXPLANATIONS IN AN
EASY-TO-USE PRINTABLE FORMAT

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Chapter 1

Implement basic teleworker services

1. Of the available typical remove connectivity models, which one is most typically used for teleworker solutions?

Select the best answer.

- A. Site-to-Site Internet VPN's
- B. Leased Line
- C. MPLS VPN
- D. Internet

[Find the Answer](#) p. 57

2. Of the available typical remove connectivity models, which one is most typically used for an office to office solution?

Select the best answer.

- A. Site-to-Site Internet VPN's
- B. MPLS VPN
- C. Leased Line
- D. Internet

[Find the Answer](#) p. 57

3. Of the following access methods, which one is not considered to be widely available and useful for teleworking?

Select the best answer.

- A. Cable
- B. DSL
- C. Dial-Up
- D. Fiber

[Find the Answer](#) p. 57

4. Which of the following is not one of the distinct teleworkers components?

Select the best answer.

- A. Corporate Components
- B. Home Office Components
- C. IP telephony and/or video components
- D. VPN components

[Find the Answer](#) p. 57

5. What is the name of the cable system component that is the master facility where signals are received, processed, formatted and distributed?

Select the best answer.

- A. Headend
- B. Distribution Network
- C. Transportation Network
- D. Node

[Find the Answer](#) p. 57

Answers: Chapter 1

1. A	Review Question p. 2	Detailed Explanation p. 68
2. B	Review Question p. 2	Detailed Explanation p. 68
3. C	Review Question p. 3	Detailed Explanation p. 68
4. D	Review Question p. 3	Detailed Explanation p. 69
5. A	Review Question p. 3	Detailed Explanation p. 69
6. B	Review Question p. 4	Detailed Explanation p. 70
7. C	Review Question p. 4	Detailed Explanation p. 70
8. D	Review Question p. 4	Detailed Explanation p. 70
9. A	Review Question p. 5	Detailed Explanation p. 71
10. B	Review Question p. 5	Detailed Explanation p. 71
11. C	Review Question p. 5	Detailed Explanation p. 72
12. D	Review Question p. 6	Detailed Explanation p. 72
13. A	Review Question p. 6	Detailed Explanation p. 72
14. B, C	Review Question p. 6	Detailed Explanation p. 73
15. D	Review Question p. 7	Detailed Explanation p. 73
16. A	Review Question p. 7	Detailed Explanation p. 73
17. B	Review Question p. 7	Detailed Explanation p. 74
18. C	Review Question p. 8	Detailed Explanation p. 74
19. D	Review Question p. 8	Detailed Explanation p. 74
20. A	Review Question p. 8	Detailed Explanation p. 75
21. B	Review Question p. 9	Detailed Explanation p. 75
22. C	Review Question p. 9	Detailed Explanation p. 76
23. A	Review Question p. 9	Detailed Explanation p. 76



Explanations: Chapter 1

1. [Review Question](#) p. 2

Answers: A

Explanation A. Correct, a site-to-site Internet VPN is typically used for teleworker solutions.

Explanation B. Incorrect, using a leased line for this purpose would be cost prohibitive.

Explanation C. Incorrect, using an MPLS VPN in these situations would be cost prohibitive because you would not be able to use a simple Internet connection which most people have at home.

Explanation D. Incorrect, using the Internet by itself would be a large security risk without some sort of Encryption technique used.

PrepLogic Question: [11821-100](#)

2. [Review Question](#) p. 2

Answers: B

Explanation A. Incorrect, while a site-to-site VPN would work it is not typically used that much for office to office connections because it limits the connection to be from one point to another. This restricts the traffic from one remote office to another remote office to go through a central point delaying traffic.

Explanation B. Correct, an MPLS VPN allows a business to have connections which are able to be connected to multiple connections at the same time and eliminate the need for a central hub to route from.

Explanation C. Incorrect, leased lines while still used are not recommended because they require all remote offices to connect to a central point first before traffic can go to another remote office.

Explanation D. Incorrect, using the Internet by itself would be a large security risk without some sort of Encryption technique used.

PrepLogic Question: [11821-101](#)

3. [Review Question](#) p. 3

Answers: C



Explanation A. Incorrect, Cable, DSL and Fiber are currently widely available for teleworkers.

Explanation B. Incorrect, Cable, DSL and Fiber are currently widely available for teleworkers.

Explanation C. Correct, while dial-up has been widely available in the past it has quickly lost availability and is not considered to be useful for current teleworkers.

Explanation D. Incorrect, Cable, DSL and Fiber are currently widely available for teleworkers.

PrepLogic Question: [11821-102](#)

4. [Review Question](#) p. 3

Answers: D

Explanation A. Incorrect, Home Office, Corporate, and IP Telephony/IP video components are the three distinct components of teleworking.

Explanation B. Incorrect, Home Office, Corporate, and IP Telephony/IP video components are the three distinct components of teleworking.

Explanation C. Incorrect, Home Office, Corporate, and IP Telephony/IP video components are the three distinct components of teleworking.

Explanation D. Correct, the VPN components are not considered one of the three distinct components.

PrepLogic Question: [11821-103](#)

5. [Review Question](#) p. 3

Answers: A

Explanation A. Correct, the headend in the cable system is where signals are received, processed, formatted and distributed.

Explanation B. Incorrect, the headend in the cable system is where signals are received, processed, formatted and distributed.

Explanation C. Incorrect, the headend in the cable system is where signals are received, processed, formatted and distributed.

Explanation D. Incorrect, the headend in the cable system is where signals are



received, processed, formatted and distributed.

PrepLogic Question: [11821-107](#)

6. [Review Question](#) p. 4

Answers: B

Explanation A. Incorrect, the distribution network part of the cable component system includes a trunk and feeder system which is often a hybrid fiber-coaxial network.

Explanation B. Correct, the distribution network part of the cable component system includes a trunk and feeder system which is often a hybrid fiber-coaxial network.

Explanation C. Incorrect, the distribution network part of the cable component system includes a trunk and feeder system which is often a hybrid fiber-coaxial network.

Explanation D. Incorrect, the distribution network part of the cable component system includes a trunk and feeder system which is often a hybrid fiber-coaxial network.

PrepLogic Question: [11821-108](#)

7. [Review Question](#) p. 4

Answers: C

Explanation A. Incorrect, the transportation network connects several antenna sites to the headend facility.

Explanation B. Incorrect, the transportation network connects several antenna sites to the headend facility.

Explanation C. Correct, the transportation network connects several antenna sites to the headend facility.

Explanation D. Incorrect, the transportation network connects several antenna sites to the headend facility.

PrepLogic Question: [11821-109](#)

8. [Review Question](#) p. 4

Answers: D

Explanation A. Incorrect, the node is the part of the cable component system that performs the conversion from optical to RF.

