

QUESTIONS & ANSWERS

Kill your exam at first Attempt



MSC-111 Dumps
MSC-111 Braindumps
MSC-111 Real Questions
MSC-111 Practice Test
MSC-111 dumps free



Motorola

MSC-111

Design Point (PTP and PMP) Solutions



<http://killexams.com/pass4sure/exam-detail/MSC-111>

- B. Near line-of-sight
- C. Non line-of-sight
- D. Line-of-sight is irrelevant

Answer: A

QUESTION: 109

How can you design a FTP800 link with asymmetric capacity?

- A. By modifying the uplink/downlink ratio
- B. By acquiring different capacity upgrade keys for each modem.
- C. By using the optical Gigabit interface
- D. By using different channel width in each direction
- E. Microwave links can not be asymmetric

Answer: B

QUESTION: 110

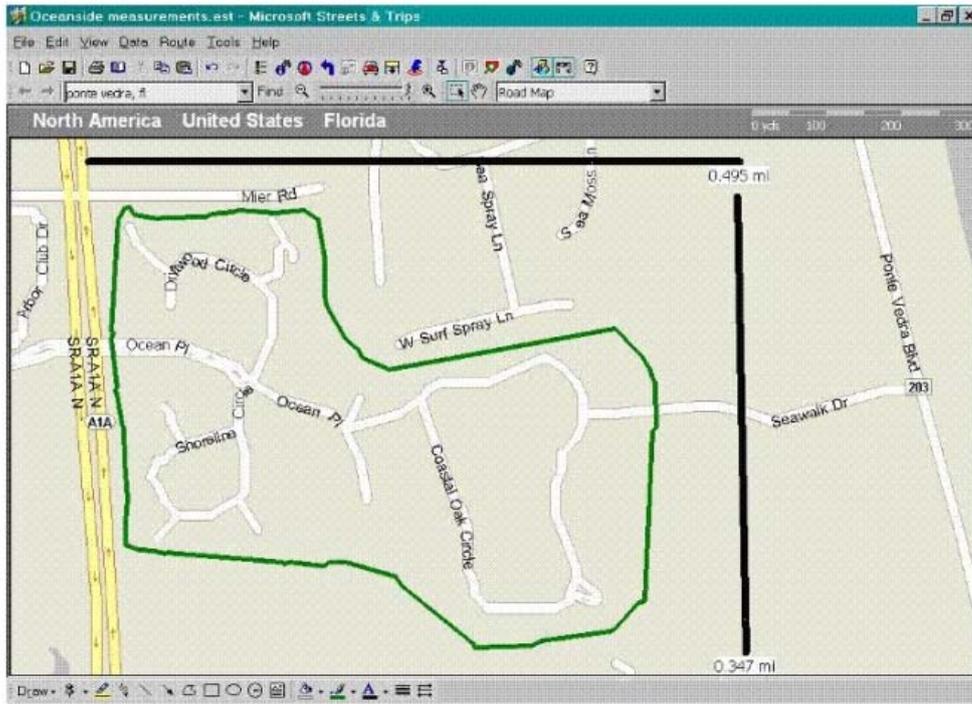
In this scenario we will be using Link Planner as one of the planning tools to prepare a proposal for a FTP link between two buildings. The first building will be identified as the Maitland building and the second building will be identified as the Lake Mary building. A LinkPlanner Exhibit is accessible by clicking the Exhibit button. In the LinkPlanner Exhibit you will see a blue 8.4 mile ellipse. Which of the following does this represent?

- A. Fresnel Zone
- B. Coverage Area
- C. Line of sight indicator
- D. Terrain

Answer: A

QUESTION: 111

Oceanside Information The community of Oceanside is interested in obtaining a broadband access solution to all of the homes in the neighborhood. There is no fiber access in the neighborhood; however there is fiber near the entrance to the neighborhood on Highway A1A. The neighborhood association has requested that the proposal not have any tear-up of the existing roads. The anticipated service area is approximately 1/2 x 1/3 miles. Click on the Exhibit button to access the "Oceanside Map" and the "RFP Requirements"



Oceanside RFP Requirements:

- a. Statement of Technical Requirements from the customer:
 - i. ISP needs to provide broadband access to each of the homes. Homeowner will be responsible for supplying the Wi-Fi access point/router to provide WiFi coverage in the home.
 - ii. Main applications will be surfing the Web and checking email.
 - iii. Provide 300 Kbps throughput per user
 - iv. Anticipate 300 simultaneous users in the coverage area.
 - v. Assume an oversubscription ratio of 20
 - vi. Need to provide 20% outdoor coverage (lawns, porches). . . Test this as successful communications at 300 Kb/s at the outside of the front door of a selected set of houses.
 - vii. Need to provide 90% coverage indoors at each of the houses. Test this as successful communications at 300 Kb/s at the inside of the front door of a selected set of houses.
 - viii. *It is not necessary* to provide mobile access.
 - ix. There is currently some WiFi in the neighborhood, where houses have connected a WiFi modem to their dial-up service.
 - x. There are 300 homes in Oceanside.
- b. Environmental conditions
 - i. The average building height is approximately 20 feet.
 - ii. Local codes allow for poles of up to 50 feet along the right of way of Highway A1A
 - iii. Trees are located along most streets and houses and average approximately 30 to 40 feet in Height. Trees are a combination of palms, oak and pine trees
 - iv. The majority of the buildings are built of Cinder Block and Mortar. You should assume 20 dB penetration loss.

- c. Mounting locations
 - i. Each homeowner will allow mounting on the home roof tops, as needed.
 - ii. A pole no taller than 3 feet can be mounted on the edge of any building/roof.
 - iii. Power is not currently available on any of the rooftops
- d. Proof of Performance Testing of installation.
 - i. iPerf will be used to test throughput performance
 - ii. The Network will continue to be tested for one month, after initial testing for coverage and capacity.
- e. Payment terms when installation is completed. (FYI – for your consideration)
 - i. 20% of contracted price will be paid upon award of contract
 - ii. 60% of contracted price will be paid upon Proof of Performance testing and the Network meets the Technical Requirements specified in Section 1.a
 - iii. The remaining 20% will be paid after one month of sporadic testing if the network continues to meet the Technical Requirements.

Given the customer requirements in the RFP and the Oceanside Map, if your proposal is based on a Point-to-Multipoint solution with 300 Subscriber Modules and one access point cluster, how many Cluster Management Modules do you need?

- A. One
- B. Two
- C. Three
- D. Four

Answer: A

QUESTION: 112
Scenario

Request For Proposal Table of Contents:

Proposal Description	Below
Requirements for Respondents	Not included here, but assume you have it
Schedule of Proposal Events	Not included here, but assume you have it
Process of Vendor Selection	Not included here, but assume you have it
Project Details	Below
Lymmo Maps and info (route, stops)	Button at bottom of each question

Proposal Description:

The Orlando, Florida transit authority Lynx, has a free bus route in downtown Orlando, known as the Lymmo Route. We desire to provide free internet access to users of the Lymmo service.

Passengers on the Lymmo route include business people, students, shoppers, and residents of the downtown area. Increasingly, they bring their own Wi-Fi-equipped laptops onto public transportation vehicles. Lynx will be heavily promoting, as a flagship feature of its Lymmo service, the use of free Wi-Fi service while waiting for the Lymmo at the kiosks which are located at each of the Lymmo Stations.

Lynx-owned and city owned facilities may be used at no charge for mounting radio devices. This includes the bus kiosks and some buildings including:

- the City Courthouse located at 100 State Street
- the Lynx headquarters located at 2255 West Main Street
- the City Hall located at 544 Jefferson Street.
- the Lynx facility located at 455 North Garland Avenue

The location to be used for internet connection will be located at the Lynx facility located at 455 North Garland Avenue.

Project Details:

Lynx requires the system to have 300Kbps hot spot to a single user at each of the bus kiosks using a PMP design.

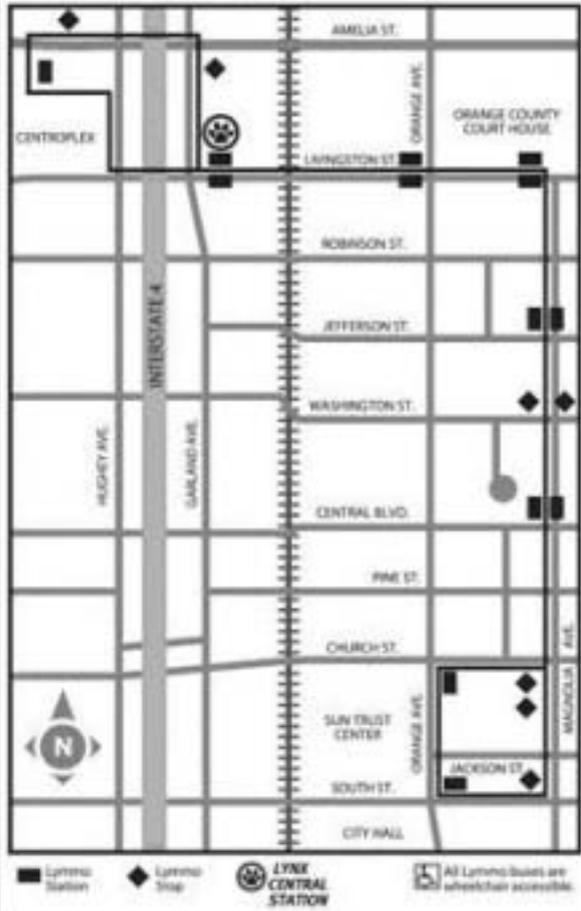
A secondary requirement is to be able to have 10 concurrent users at a single kiosk.

We require 95% system uptime during business hours.

The following question relates to the "Design Info-PMP/FTP" TAB from Project Description Template and the information provided by the client (Project Description, Project Details, and Lymmo Map). This is a scenario based question. Please click on the scenario button at the bottom before answering the question. Rows 11 and 12 of the Project Description Template are related to Outside and Inside coverage. With regard to Outside and Inside coverage, which of the following best represents the coverage area?

Attachment 1 Lymmo Map

LYNNE 95 - LYNNITE
FUND OF SERVICES
NUMBER LINE 01000
LYNNE GARAGE (DEPART) | LYNNITE GARAGE (DEPART)



- A. Outside Yes, Inside Yes
- B. Outside No, Inside Yes
- C. Outside Yes, Inside No
- D. Outside No, Inside Yes

Answer: C

QUESTION: 113
Scenario

Request For Proposal Table of Contents:

Proposal Description	Below
Requirements for Respondents	Not included here, but assume you have it
Schedule of Proposal Events	Not included here, but assume you have it
Process of Vendor Selection	Not included here, but assume you have it
Project Details	Below
Lymmo Maps and info (route, stops)	Button at bottom of each question

Proposal Description:

The Orlando, Florida transit authority Lynx, has a free bus route in downtown Orlando, known as the Lymmo Route. We desire to provide free internet access to users of the Lymmo service.

Passengers on the Lymmo route include business people, students, shoppers, and residents of the downtown area. Increasingly, they bring their own Wi-Fi-equipped laptops onto public transportation vehicles. Lynx will be heavily promoting, as a flagship feature of its Lymmo service, the use of free Wi-Fi service while waiting for the Lymmo at the kiosks which are located at each of the Lymmo Stations.

Lynx-owned and city owned facilities may be used at no charge for mounting radio devices. This includes the bus kiosks and some buildings including:

- the City Courthouse located at 100 State Street
- the Lynx headquarters located at 2255 West Main Street
- the City Hall located at 544 Jefferson Street.
- the Lynx facility located at 455 North Garland Avenue

The location to be used for internet connection will be located at the Lynx facility located at 455 North Garland Avenue.

Project Details:

Lynx requires the system to have 300Kbps hot spot to a single user at each of the bus kiosks using a PMP design.

A secondary requirement is to be able to have 10 concurrent users at a single kiosk.

We require 95% system uptime during business hours.

Row 19 of the Project Description Template is related to Bandwidth Requirements and what throughput is needed in various sections of the coverage area. Based on the information provided, which of the following best represents the Bandwidth Requirements and throughput needs?

Attachment 1 Lynxno Map



- A. 50Kbps
- B. 300Kbps
- C. 500Kbps
- D. 1Mbps

Answer: B

QUESTION: 114
Scenario

KILLEXAMS.COM

Request For Proposal Table of Contents:

Proposal Description	Below
Requirements for Respondents	Not included here, but assume you have it
Schedule of Proposal Events	Not included here, but assume you have it
Process of Vendor Selection	Not included here, but assume you have it
Project Details	Below
Lymmo Maps and info (route, stops)	Button at bottom of each question

Proposal Description:

The Orlando, Florida transit authority Lynx, has a free bus route in downtown Orlando, known as the Lymmo Route. We desire to provide free internet access to users of the Lymmo service.

Passengers on the Lymmo route include business people, students, shoppers, and residents of the downtown area. Increasingly, they bring their own Wi-Fi-equipped laptops onto public transportation vehicles. Lynx will be heavily promoting, as a flagship feature of its Lymmo service, the use of free Wi-Fi service while waiting for the Lymmo at the kiosks which are located at each of the Lymmo Stations.

Lynx-owned and city owned facilities may be used at no charge for mounting radio devices. This includes the bus kiosks and some buildings including:

- the City Courthouse located at 100 State Street
- the Lynx headquarters located at 2255 West Main Street
- the City Hall located at 544 Jefferson Street.
- the Lynx facility located at 455 North Garland Avenue

The location to be used for internet connection will be located at the Lynx facility located at 455 North Garland Avenue.

Project Details:

Lynx requires the system to have 300Kbps hot spot to a single user at each of the bus kiosks using a PMP design.

A secondary requirement is to be able to have 10 concurrent users at a single kiosk.

We require 95% system uptime during business hours.

All of the following “Test/Acceptance Criteria” have been provided by the client, EXCEPT;

30	Test/Acceptance Criteria - Describe in Detail	This data is critical-work this out up front
31	Region covered: Refer to specific locations on a map	
32	Application(s) that will be tested	
33	Equipment that will be used for the test	
34	Percent of area covered	
35	Throughput requirement (Describe: TCP, UDP? Packet size?)	
36	Latency requirement if required	
37	Endpoints of the throughput/latency test	
38	Tool used for testing throughput or latency	
39	Are there any disclaimers about the test?	
40		

- A. Region covered: Refer to specific locations on a map
- B. Application(s) that will be tested
- C. Equipment that will be used for the test
- D. Throughput requirements (Describe: TCP, UDP? Packet size?;
- E. Latency requirement if required

Answer: E

For More exams visit <https://killexams.com/vendors-exam-list>



Kill your exam at First Attempt....Guaranteed!