Cisco

500-201

Deploying Cisco Service Provider Mobile Backhaul Solutions

QUESTION: 42
Why is frequency synchronization required in a mobile backhaul network?

A. for proper mobile device hand-off between base stations
B. for proper phase alignment between base stations
C. for accurate SLA measurements and billing
D. for filtering between the nodes

Answer: A

QUESTION: 43
Which method does Cisco recommend to maintain frequency synchronization over Layer 3?

A. 1588v2
B. synchE
C. NTP
D. SNTP

Answer: A

QUESTION: 44
Which three clock and timing features are essential in a mobile backhaul network? (Choose three.)

A. phase
B. time of day
C. time zone
D. frequency
E. oscillation
F. mean time difference

Answer: A, B, D

QUESTION: 45
Which method of migrating from existing 2G and 3G mobile backhaul networks to 4G LTE is recommended by Cisco best practices?

A. Maintain existing 2G and 3G networks as is, and sunset them as the technology

is no longer needed.

B. Drop 2G and 3G services and force a migration to all 4G LTE services and devices.

C. Maintain existing 2G and 3G network access devices and migrate them to a unified mobile backhaul network, taking advantage of an all IP backhaul network to support pseudowires.

D. Maintain existing 2G and 3G services while migrating the access devices to IP and using the existing backhaul network to support the 4G services.

Answer: C

QUESTION: 46
When a mobile backhaul network is initially configured and deployed, where is it critical to get the BGP community filtering working?

A. access layer
B. into the core
C. VPN layer
D. transport layer

Answer: D

QUESTION: 47
What are the primary functions of Cisco Prime Central?

A. a coordinator of activity among elements controlling design and analysis
B. an operator portal only
C. both an operator and a management portal
D. a workflow engine that can be customized with design tools

Answer: C

QUESTION: 48
In the BGP transport layer and in the LTE VPN, which action is important?

A. to filter prefixes as precisely as possible
B. to filter prefixes as widely as possible
C. to deny prefixes for services already configured
D. to allow prefixes for all access areas, and to facilitate X2 interface transport

Answer: A

QUESTION: 49
When Cisco Prime is used for network management, which definition of fault management is true?

A. a system that constantly monitors a computer network for slow or failing components
B. a set of functions that detect, isolate, and correct malfunctions in a telecommunications network
C. the most basic causal factors that, if corrected or removed, will prevent the recurrence of a problem
D. a set of functions that evaluate and report the effectiveness of the network or network element

Answer: B

QUESTION: 50
What is the function of the Cisco Prime Network Vision?

A. network monitoring tool
B. root cause analysis display
C. fault management tool
D. performance monitoring tool

Answer: C