



Exam Code: GB0-283

Exam Name: Constructing Enterprise-level Routing
Networks

Vendor: Huawei

Version: DEMO

Part: A

1: The transport layer protocol and the port number used by BGP are ().

- A.UDP, 176
- B.UDP, 179
- C.TCP, 176
- D.TCP, 179

Correct Answers: D

2: Which of the following are well-known Community attributes? ()

- A.NO_EXPORT
- B.NO_IMPORT
- C.NO_ADVERTISE
- D.LOCAL_AS

Correct Answers: A C D

3: The minimal and maximal lengths of BGP message are () respectively.

- A.19 bytes, 4096 bytes
- B.64 bytes, 4096 bytes
- C.19 bytes, 1500 bytes
- D.64 bytes, 1500 bytes

Correct Answers: A

4: When the BGP state machine is in the Connect state, it will enter the () if TCP connection is successfully established.

- A.Active state
- B.Open-sent state
- C.Open-confirm state
- D.Established state

Correct Answers: B

5: In the BGP route flap damping control, the penalty value increases abruptly, but decreases continuously.

- A.True
- B.False

Correct Answers: A

6: Which of the following descriptions about the BGP Update message is/are correct? ()

- A.An Update message can advertise one route with multiple path attributes.
- B.An Update message can advertise multiple routes with the same path attribute.
- C.An Update message can advertise a withdrawn route without the path attribute of the route.
- D.An Update message can advertise multiple withdrawn routes.

Correct Answers: A B C D

7: The BGP state machine will stay in () state if TCP connection fails during BGP peer relationship establishing.

- A.Idle
- B.Connect
- C.Active
- D.Open-sent
- E.Open-confirm
- F.Established

Correct Answers: C

8: Which of the following descriptions about BGP route aggregation is/are correct? ()

- A.Route aggregation is to aggregate routes of all segments into one or more aggregation routes so as to reduce the size of routing table.
- B.If the keyword detail-suppressed is added to the BGP summary command, only the aggregation routes are advertised.
- C.BGP route aggregation takes effect on the route imported through the network command only.
- D.BGP route aggregation takes effect on the route imported through the import command only.

Correct Answers: A B

9: During BGP route decision, the route originated by the local router is preferred in the case that the Local-preferences of the candidate routes are identical. The route originated by the local router refers to ().

- A.The route learned from an IGP on the same router
- B.The route imported through the network command
- C.The route imported through the import command
- D.The route learned from the IBGP peer

Correct Answers: A

10: Which of the following descriptions about the difference between clients and non-clients in BGP reflection is/are correct? ()

- A.Receiving route update information from a client, a route reflector will reflect the update information to other clients only.
- B.It must be full-mesh connection among non-clients and BGP reflectors.
- C.It is unnecessary to establish full-mesh connection between clients.
- D.Receiving route update information from a non-client, the route reflector will reflect the update information to other clients instead of other non-clients.

Correct Answers: B C D

11: BGP can avoid routing loop because ().

- A.The AS-Path attribute of a route records all the passed ASs. If a BGP router find the local AS number in the AS-Path attribute of a received route, it will discard this route to avoid inter-AS routing loop.
- B.BGP is a link-state routing protocol so that it avoids routing loop by means of link-state

algorithm.

C.BGP uses split horizon and poison reverse to avoid routing loop.

D.BGP will not forward the route learned from one IBGP peer to another within the AS.

Correct Answers: A D

12: Which of the following technologies can effectively avoid TCP global synchronization by randomly discarding packets? ()

A.WFQ

B.CBQ

C.PQ

D.WRED

E.RED

Correct Answers: D E

13: How many bits are used by DSCP to present the precedence of packets? ()

A.3

B.4

C.6

D.8

Correct Answers: C

14: Which of the following technologies can provide strict priority guarantee for the delay-sensitive application (such as VoIP)? ()

A.WFQ

B.LLQ

C.CQ

D.PQ

Correct Answers: B D

15: Which of the following QoS functions is/are realized on the H3C routers? ()

A.Congestion management

B.Packet classification

C.Traffic shaping

D.Congestion avoidance

E.Traffic policing

F.Traffic suppression

G.Line rate limit

Correct Answers: A B C D E G