



*Up-to-date Questions and Answers from authentic resources to improve knowledge and pass the exam at very first attempt. ----- Guaranteed.*



4A0-114 Dumps  
4A0-114 Braindumps  
4A0-114 Real Questions  
4A0-114 Practice Test  
4A0-114 Actual Questions



**Nokia**

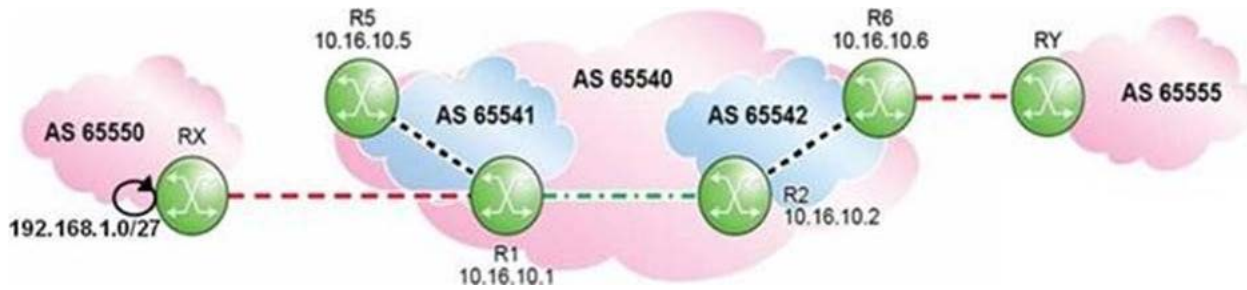
# 4A0-114

*Nokia Border Gateway Protocol Fundamentals for Services*



### Question: 81

Click the exhibit.



Which of the following is a valid confederation configuration for Router R2?

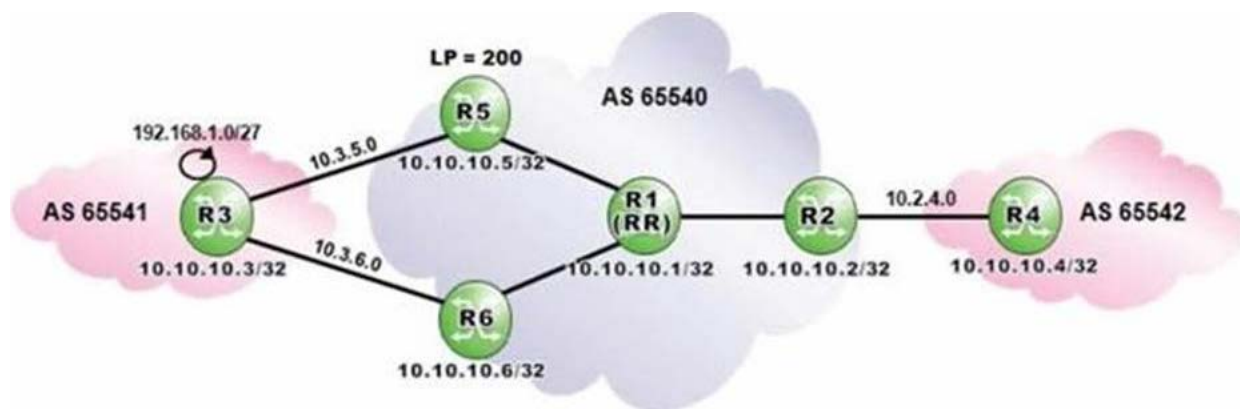
- ☐ A. R2>config>router# info  
-----  
autonomous-system 65540  
confederation 65540 members 65541 65542
- ☐ B. R2>config>router# info  
-----  
autonomous-system 65542  
confederation 65540 members 65541
- ☐ C. R2>config>router# info  
-----  
autonomous-system 65542  
confederation 65540 members 65541 65542
- ☐ D. R2>config>router# info  
-----  
autonomous-system 65540  
confederation 65542 members 65541

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

### Question: 82

Click the exhibit.



Router R1 is a route reflector with clients R2, R5 and R6. Prefixes advertised by router R5 have a local preference of 200. Router R3 advertises the prefix 192.168.1.0/27 to routers R5 and R6.

Assuming that none of the routers in AS 65540 is configured with "advertise-external", what is the expected output of "show router bgp routes" on router R5?

A. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel
<hr/>			
u*>i	192.168.1.0/27	200	None
	10.3.5.3	None	-
	65541		
B. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel
<hr/>			
u*>i	192.168.1.0/27	None	None
	10.3.5.3	None	-
	65541		
i	192.168.1.0/27	200	None
	10.10.10.5	None	-
	65541		
i	192.168.1.0/27	100	None
	10.10.10.6	None	-
	65541		
C. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel
<hr/>			
u*>i	192.168.1.0/27	None	None
	10.3.5.3	None	-
	65541		
i	192.168.1.0/27	200	None
	10.10.10.5	None	-
	65541		
D. Flag Network		LocalPref	MED
Nexthop	As-Path	Path-Id	VPNLabel
<hr/>			
u*>i	192.168.1.0/27	200	None
	10.10.10.5	None	-
	65541		
i	192.168.1.0/27	100	None
	10.10.0.6	None	-
	65541		

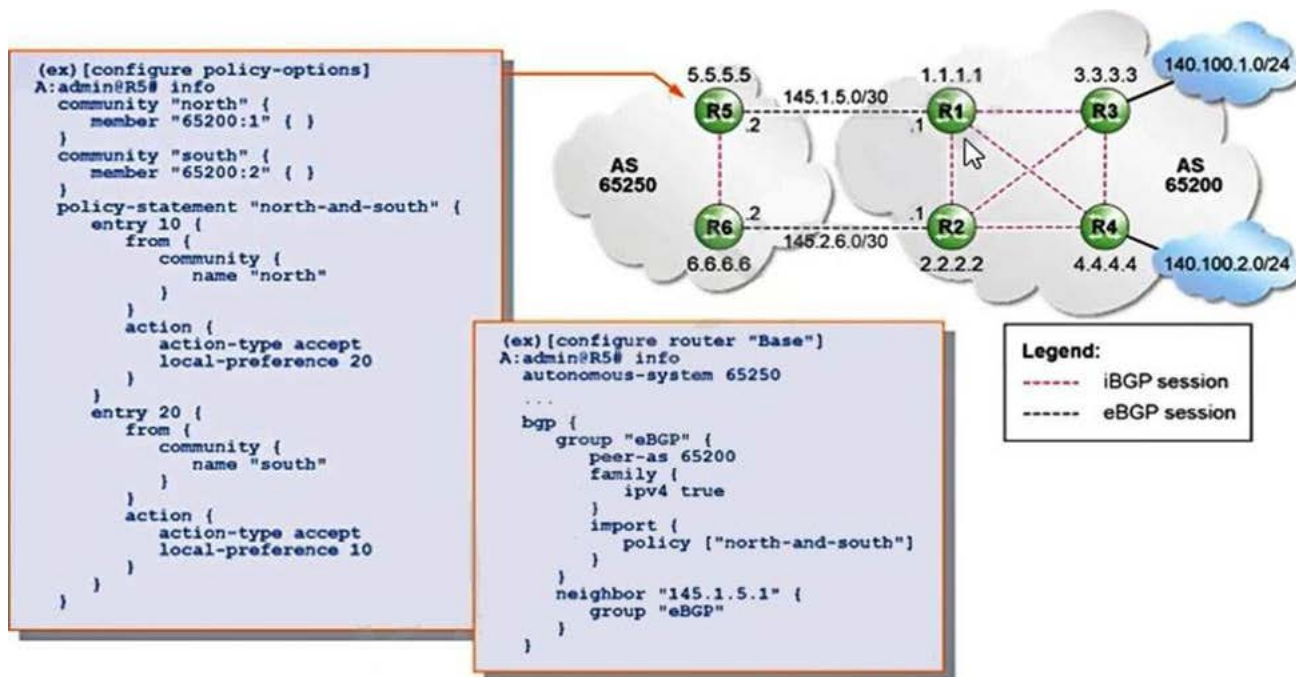
- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

Question: 83

In the diagram, the BGP import policy "north-and-south" is applied to router R5. Router R1 advertises the prefix 140.100.1.0/24 with a community set to "65200:1".

Which of the following statements about how router R5 processes the received route update for prefix 140.100.1.0/24 is TRUE?



- A. The prefix is rejected.
- B. The prefix's local preference is set to 20.
- C. The prefix's community value is removed.
- D. The prefix's community value is modified to 65200:2.

Answer: D

### Question: 84

Which of the following statements about BGP is FALSE?

- A. Peers need to be IP reachable to establish a BGP session.
- B. Route reflectors can reduce the number of iBGP sessions required.
- C. iBGP peers have to be adjacent to each other.
- D. The multihop parameter needs to be configured when eBGP peers are not adjacent to each other.

Answer: C

### Question: 85

A BGP session is stuck in the "Connect" state.

Which of the following is the most likely reason?

- A. The remote BGP peer is properly configured but the local router is not.



- B. The local router is properly configured but the remote BGP peer is not.
- C. The BGP protocol is administratively disabled on the local router.
- D. The BGP protocol is administratively disabled on the remote BGP peer.

**Answer: B**

### **Question: 86**

Which of the following statements about BGP peering sessions is FALSE?

- A. BGP peers need IP reachability between them.
- B. iBGP peers can be non-adjacent.
- C. eBGP peers have to be adjacent to each other.
- D. BGP peers can be configured with different AS numbers.

**Answer: C**

### **Question: 87**

A BGP router receives the following routes.

Which route is selected as best route?

- 1: 192.169.20.0/24 with local preference 100, MED 150, AS Path 65300 65200 from an eBGP neighbor
- 2: 192.169.20.0/24 with local preference 100, MED 100, AS Path 63200 from an iBGP neighbor
- 3: 192.169.20.0/24 with local preference 200, MED 150, AS Path 65400 63200 from an iBGP neighbor
- 4: 192.169.20.0/24 with local preference 200, MED 100, AS Path 63700 from an eBGP neighbor

- A. Route 1
- B. Route 2
- C. Route 3
- D. Route 4

**Answer: B**

### **Question: 88**

Which of the following pieces of information is NOT carried inside an EVPN IP-Prefix (type 5) route update associated with an EVPN VPLS?

- A. The MAC address of an attached host.
- B. The IP prefix of a subnet in the layer-3 domain that the VPLS belongs to.
- C. The VPLS's route-distinguisher and route-target values.
- D. The VPLS's service tunnel ID (MPLS label or VNI value).

**Answer: B**

### **Question: 89**

What does an EVPN VPLS do that a traditional VPLS does not do?

- A. It provides a multipoint connectivity service.
- B. It maintains a forwarding database.
- C. It uses control-plane MAC learning.
- D. It acts as a switch, carrying full layer-2 frames between customer sites.

**Answer: C**

### **Question: 90**

Which BGP message type is used to verify connectivity during and after BGP session establishment?

- A. Hello
- B. Update
- C. Open
- D. Keep-Alive

**Answer: D**

### **Question: 91**

An export policy is applied on a router to advertise a prefix to its eBGP peers.

By default, which of the following updates are made to the route attributes?

- A. LOCAL\_PREFERENCE is set to 100.
- B. NEXT\_HOP is set to the neighbor router's interface IP address.
- C. The local AS number is added to AS\_PATH
- D. COMMUNITY is set to the local AS number.

**Answer: C**

### **Question: 92**

Which of the following statements about IPv6 Link-Local addresses is FALSE?

- A. They are assigned to every physical interface running IPv6.
- B. They are only valid for communication within the same broadcast domain.
- C. They all have the same 64-bit subnet prefix.
- D. They have an interface ID derived by default from the interface's IPv4 address.

**Answer: D**

### **Question: 93**

Which of the following regarding BGP Path Identifier is FALSE?

- A. Path-ID is a four-octet identifier pre-pended to the NLRI field of a BGP update.
- B. Path-ID is an optional transitive attribute used to advertise multiple paths.
- C. Path-ID uniquely identifies each path advertised to a neighbor.
- D. A BGP speaker that re-advertises a route must generate its own Path-ID

**Answer: B**

**Question: 94**

Which of the following statements about BGP is FALSE?

- A. BGP uses Hello messages to dynamically discover BGP peers.
- B. To establish a BGP session, a TCP session must first be established between the two routers.
- C. BGP uses the OPEN message to exchange capability parameters between routers.
- D. BGP was originally designed as an exterior routing protocol.

**Answer: D**

**Question: 95**

Which of the following statements about route reflector clusters is FALSE?

- A. Multiple clusters may be configured within an AS
- B. Within an AS, route reflectors belonging to different clusters do not need to be fully-meshed among themselves.
- C. A router can be the client of multiple route reflectors within its AS
- D. When a route reflector reflects a route, it adds its cluster ID to the Cluster\_list attribute.

**Answer: C**





# SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

*Killexams.com is an online platform that offers a wide range of services related to certification exam preparation. The platform provides actual questions, exam dumps, and practice tests to help individuals prepare for various certification exams with confidence. Here are some key features and services offered by Killexams.com:*

**Actual Exam Questions:** *Killexams.com provides actual exam questions that are experienced in test centers. These questions are updated regularly to ensure they are up-to-date and relevant to the latest exam syllabus. By studying these actual questions, candidates can familiarize themselves with the content and format of the real exam.*

**Exam Dumps:** *Killexams.com offers exam dumps in PDF format. These dumps contain a comprehensive collection of questions and answers that cover the exam topics. By using these dumps, candidates can enhance their knowledge and improve their chances of success in the certification exam.*

**Practice Tests:** *Killexams.com provides practice tests through their desktop VCE exam simulator and online test engine. These practice tests simulate the real exam environment and help candidates assess their readiness for the actual exam. The practice tests cover a wide range of questions and enable candidates to identify their strengths and weaknesses.*

**Guaranteed Success:** *Killexams.com offers a success guarantee with their exam dumps. They claim that by using their materials, candidates will pass their exams on the first attempt or they will refund the purchase price. This guarantee provides assurance and confidence to individuals preparing for certification exams.*

**Updated Content:** *Killexams.com regularly updates its question bank and exam dumps to ensure that they are current and reflect the latest changes in the exam syllabus. This helps candidates stay up-to-date with the exam content and increases their chances of success.*

**Technical Support:** *Killexams.com provides free 24x7 technical support to assist candidates with any queries or issues they may encounter while using their services. Their certified experts are available to provide guidance and help candidates throughout their exam preparation journey.*

For More exams visit <https://killexams.com/vendors-exam-list>  
Kill your exam at First Attempt....Guaranteed!