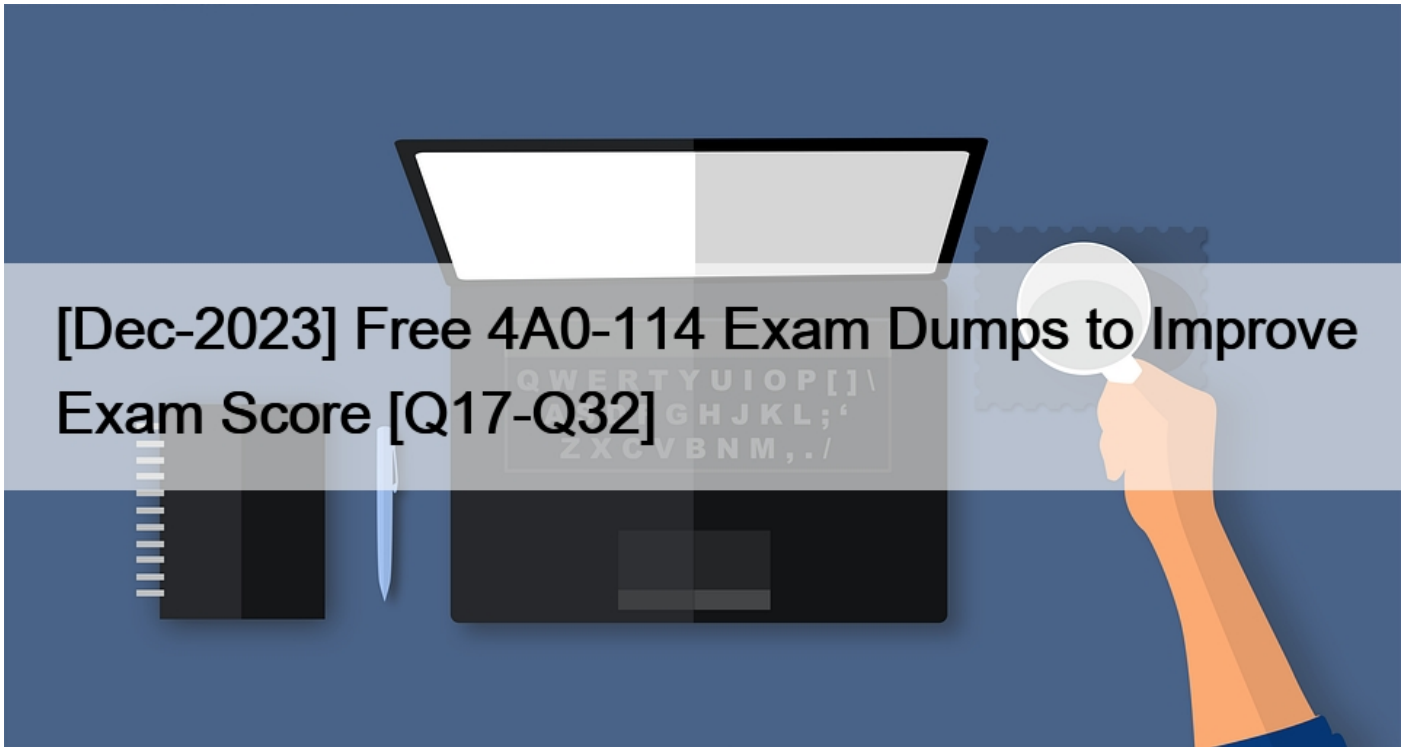# [Dec-2023 Free 4A0-114 Exam Dumps to Improve Exam Score [Q17-Q32


[Dec-2023] Free 4A0-114 Exam Dumps to Improve Exam Score
2023 Realistic 4A0-114 Dumps Exam Tips Test Pdf Exam Material

Upon passing the Nokia 4A0-114 exam, candidates will receive the Nokia Service Routing Architect (SRA) certification, indicating that they possess the skills and knowledge required to design, implement, and manage BGP-based networks using Nokia equipment. Nokia Border Gateway Protocol Fundamentals for Services certification demonstrates to employers and clients that the candidate has the necessary expertise to ensure the efficient and secure operation of BGP-based networks.

NEW QUESTION 17

Click the exhibit.
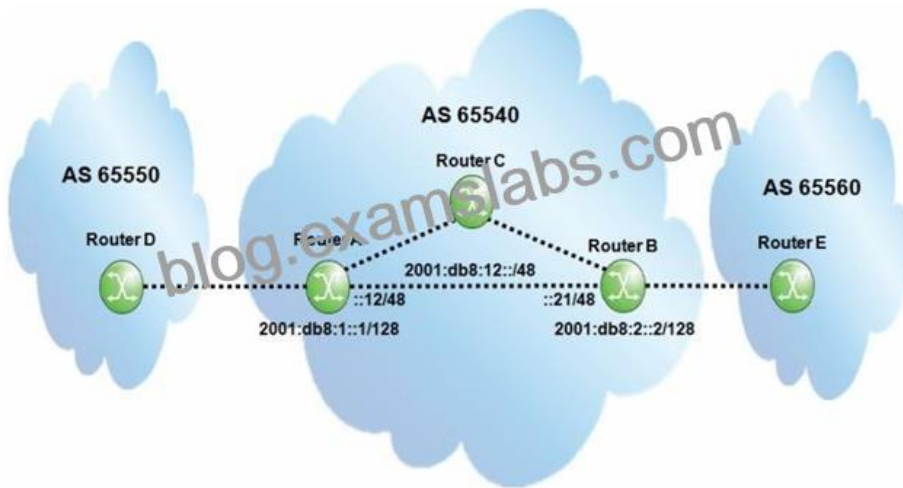
Assuming the network is IPv6 only, which of the following configurations on the Nokia

7750 SR router A can establish an IPv6 BGP session to router B?

A. router-id 10.10.10.1
   group "IPv6_iBGP"
      family ipv6
      peer-as 65540
      neighbor 2001:DB8:2::2
      exit
   exit

B. group "IPv6_iBGP"
      family ipv6
      type internal
      peer-as 65540
      neighbor 2001:DB8:2::2
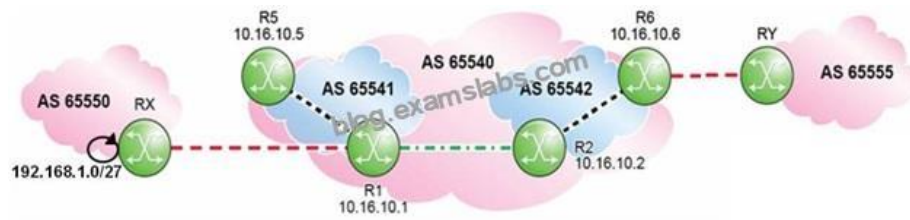   exit
   exit

C. group "IPv6_iBGP"
      family ipv6
      type internal
      peer-as 65540
      neighbor 2001:DB8:12::21
      exit
   exit

D. group "IPv6_iBGP"
      family ipv6
      type internal
      neighbor 2001:DB8:2::2
      exit
   exit

* Option A
* Option B
* Option C
* Option D

NEW QUESTION 18

Click the exhibit.

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

* Option A
* Option B
* Option C
* Option D

NEW QUESTION 19

Click the exhibit.
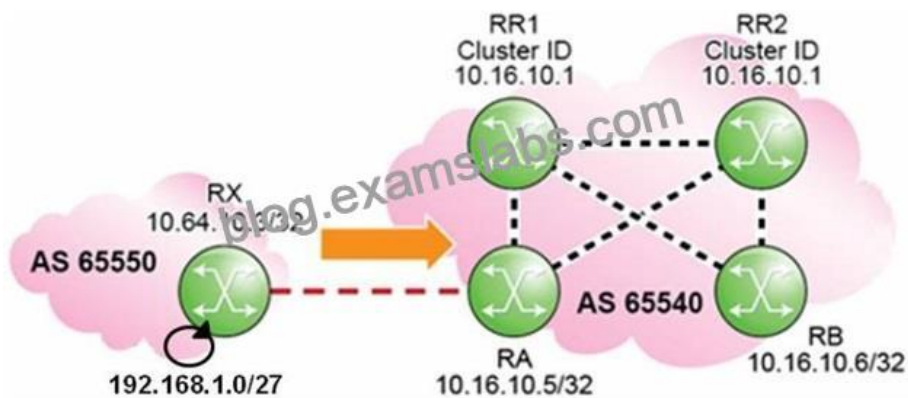
Routers RR1 and RR2 are route reflectors with the same Cluster-ID. How does router RA treat the updates for prefix 192.168.1.0/27 received from routers RR1 and RR2?

* Router RA prefers the update received from router RR1.
* Router RA prefers the update received from router RR2.
* Router RA flags both updates as invalid.
* Router RA accepts both updates and flags them as used.

NEW QUESTION 20

Which of the following regarding BGP Path Identifier is FALSE?

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

NEW QUESTION 21

In the diagram below, an end-to-end transport tunnel needs to be established between PE1 and PE2 using MP-BGP. Which of the following items is NOT required?
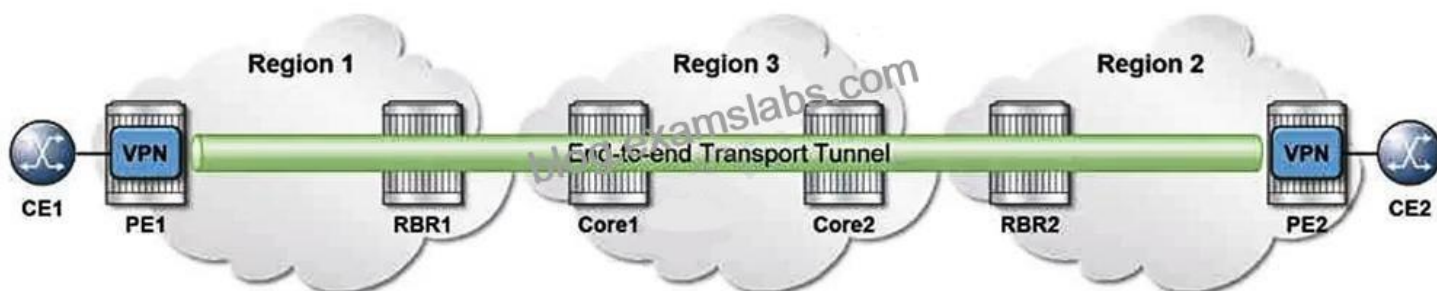
* MP-BGP address families label-ipv4 or label-ipv6 need to be supported on each of the edge routers.
* Either RSVP, LDP, or segment routing tunnels need to be established between regions.
* Either RSVP, LDP, or segment routing tunnels need to be established within each region.
* Each PE router needs to advertise an IP address as a labeled BGP route to identify the tunnel endpoint.

NEW QUESTION 22

Which of the following statements about VXLAN encapsulation is TRUE?
* It uses an MPLS label to identify the transport tunnel and a VXLAN Network ID (VNI) to identify the service tunnel.
* It uses a VXLAN Network ID (VNI) to identify the transport tunnel and an MPLS label to identify the service tunnel.
* It uses an additional IP header to identify the transport tunnel and a VXLAN Network ID (VNI) to identify the service tunnel.
* It uses VXLAN Network ID (VNI) to identify the transport tunnel and an additional IP header to identify the service tunnel.

NEW QUESTION 23

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?
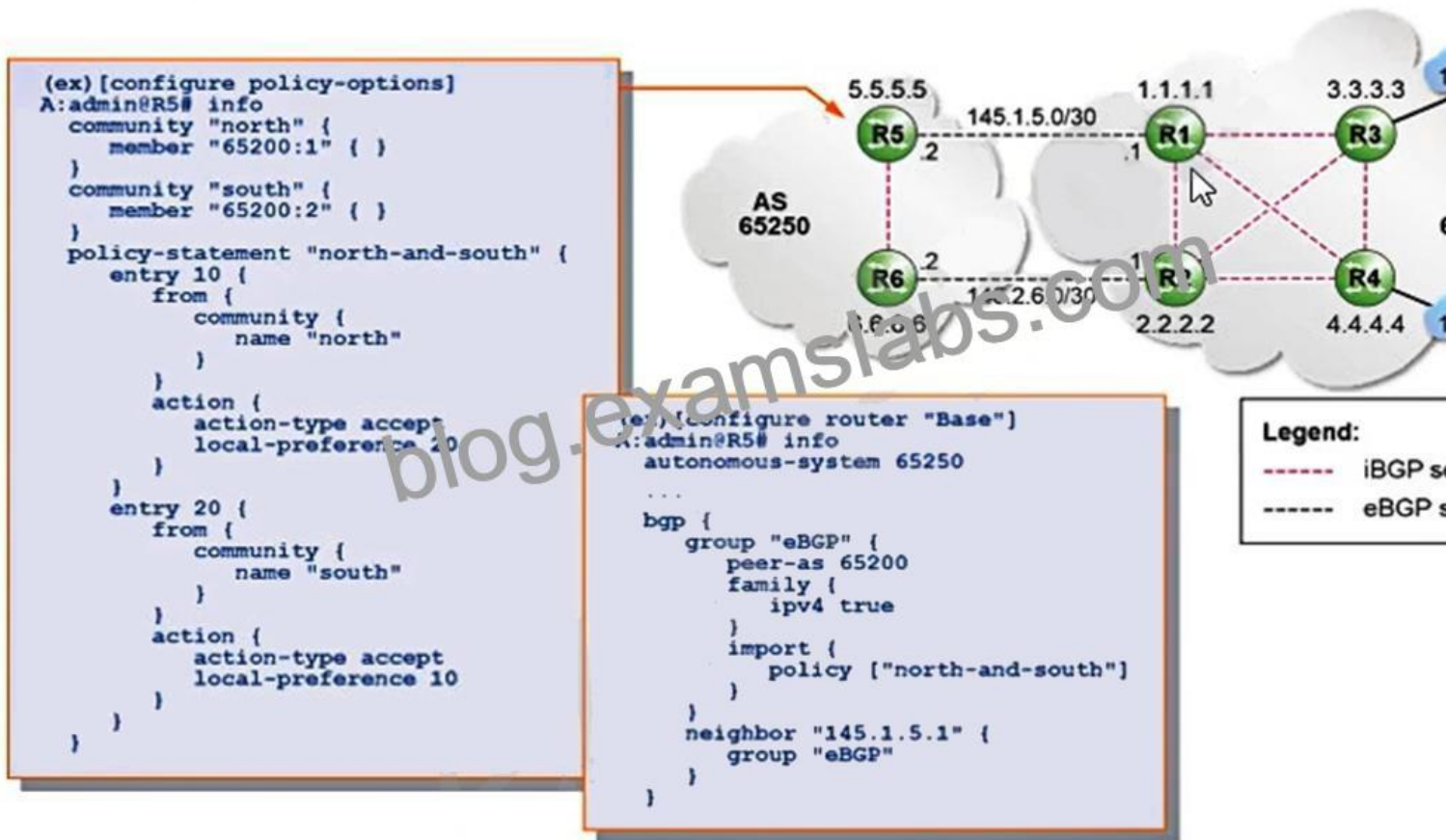
* The prefix is rejected.
* The prefix’s local preference is set to 20.
* The prefix’s community value is removed.
* The prefix’s community value is modified to 65200:2.

NEW QUESTION 24

Which of the following statements about EVPN services is FALSE?
* The goal of an EVPN service is to provide layer-2 or layer-3 connectivity among two or more customer sites.

* A local layer-2 EVPN service is referred to as a backhaul VPLS.
* The same BGP address family can be used to populate the forwarding database of an EVPN VPLS and the route table of an EVPN VPRN.
* EVPN services support signaling for the use of MPLS and VXLAN tunnels.

NEW QUESTION 25

Which BGP message type is used to verify connectivity during and after BGP session establishment?
* Hello
* Update
* Open
* Keep-Alive

NEW QUESTION 26

Which of the following pieces of information is NOT carried inside an EVPN IP-Prefix (type 5) route update associated with an EVPN VPLS?
* The MAC address of an attached host.
* The IP prefix of a subnet in the layer-3 domain that the VPLS belongs to.
* The VPLS’s route-distinguisher and route-target values.
* The VPLS’s service tunnel ID (MPLS label or VNI value).

NEW QUESTION 27

Click the exhibit.

Assume all router-IDs are properly configured, and global IPv6 addresses are used to establish eBGP sessions.

Which of the following configurations is required on router A so that router B can exchange traffic with router D?

A. group "IPv6_iBGP"
      family ipv6
      next-hop-self
      peer-as 65540
      neighbor 2001:DB8:2::2
      exit
   exit

B. group "IPv6_iBGP"
      next-hop-self
      type internal
      peer-as 65540
      neighbor 2001:DB8:2::2
      exit
   exit

C. group "IPv6_iBGP"
      family ipv6
      peer-as 65540
      neighbor 2001:DB8:2::2
      exit
   exit

D. group "IPv6_iBGP"
      family ipv6
      next-hop-self
      type internal
      neighbor 2001:DB8:2::2
      exit
   exit

* Option A
* Option B
* Option C
* Option D

NEW QUESTION 28

Which of the following statements about a distributed EVPN VPRN service is FALSE?
* It acts as a router, carrying IP packets between customer sites.
* It requires two types of interfaces, one towards customer sites and one towards the backhaul VPLS.
* Its configured route target indicates to the PE router which of the received BGP route updates are relevant to this VPRN.
* It relies on MP-BGP and on the EVPN address family to populate its routing table.

NEW QUESTION 29

Which of the following statements about Route Distinguishers (RD) is FALSE?
* An RD is prepended to an IPv4 prefix to form a VPN-IPv4 prefix.
* An RD is used to indicate the VPRN service to which a route update is relevant.
* A unique RD value is assigned to each VPRN service.
* An RD is a 64-bit value.

NEW QUESTION 30

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?

* LOCAL_PREFERENCE is set to 100.
* NEXT_HOP is set to the neighbor router’s interface IP address.
* The local AS number is added to AS_PATH.
* COMMUNITY is set to the local AS number.

NEW QUESTION 31

On the Nokia 7750 SR, which of the following is NOT an address family that BGP supports?
* IPv4
* VPN-IPv4
* Label-IPv4
* MP-EVPN

NEW QUESTION 32

What kind of BGP path attribute is AS_PATH?
* Optional transitive
* Optional non-transitive
* Well-known discretionary
* Well-known mandatory

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