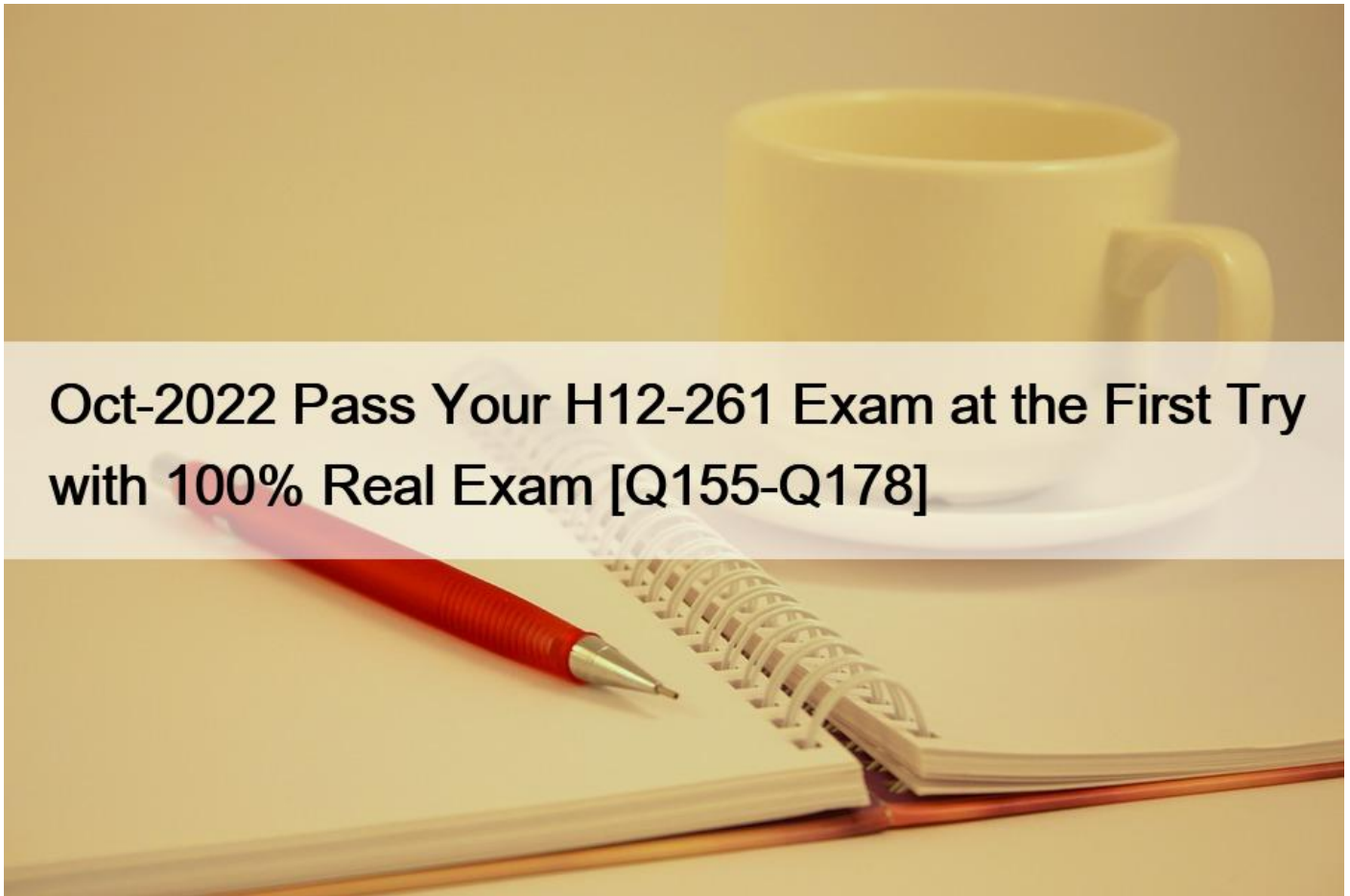# Oct-2022 Pass Your H12-261 Exam at the First Try with 100% Real Exam [Q155-Q178]

Oct-2022 Pass Your H12-261 Exam at the First Try with 100% Real Exam
Get Real Exam Questions for H12-261 with New Questions

Huawei H12-261: HCIP-Routing & Switching (Fast Track) V2.0 Certification Path

It is recommended that you learn HCIA-Routing & Switching before attempting with the help of **H12-261 practice exams**. Huawei Certified ICT Expert (HCIE), Huawei's highest level of ICT technical certification, is awarded to people who demonstrate especially strong expertise in ICT and rich experience in practice.

Huawei Certified ICT Professional (HCIP) is awarded to senior engineers with rich ICT knowledge and strong experience in an ICT technical field.

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Huawei H12-261: HCIE-Routing & Switching (Written) V3.0 Exam topics

Candidates must know the exam topics before they start preparation. Because it will help them in hitting the core. Our **H12-261 exam dumps** will include the following topics:

1. OSPF Routing Protocols
    - Basic principles of link-state routing protocols- Principles and configuration of OSPF special areas: stub area, totally stub

area, and not-so-stubby area (NSSA)- OSPF principles, configuration, and implementation: neighbor and adjacency, protocol packet and LSA, database synchronization, intra-area route calculation, inter-area route calculation, and external route calculation

2. ISIS Routing Protocols

- Differences between IS-IS and OSPF- ISIS basic principles and configurations

3. BGP Routing Protocols

- BGP neighbor relationship establishment and configuration- Common BGP attributes- BGP route advertisement rules- BGP route generation modes- BGP route selection rules

4. Routing Control

- Routing policy tools and policy-based routing tools- Route filtering by using filtering tools such as ACL, IP-prefix- Problems caused by route importing and solutions

5. Multicast Protocols

- Basic principles and configuration of PIM-DM and PIM-SM- Basic principles and configuration of IGMPv1/v2/v3 and IGMP snooping

6. Eth-Trunk Technology

- Eth-Trunk modes- Eth-Trunk configuration

7. Advanced Features of Switches

- MUX VLAN: application scenario and configuration- Port Isolation: application scenario and configuration- Port Security: application scenario and configuration

8. RSTP/MSTP

- Limitations of a single spanning Tree, MSTP principles, and configuration- Limitations of STP, improvements in RSTP, RSTP configuration

How to Prepare for Huawei H12-261: HCIE-Routing & Switching (Written) V3.0 Exam **Preparation Guide for Huawei H12-261: HCIE-Routing & Switching (Written) V3.0 Exam Introduction**

Huawei Certification is relying on its years of experience in developing ICT talent and its deep insight into industry development, based on the individual career development life cycle of the ICT industry chain and guided by a hierarchical career technical certification approach. This solution leverages Huawei's Cloud-Pipe Device convergence technology and covers IP, IT, CT, and ICT convergence technology. It is the only one of its kind in the industry that covers all ICT technical fields. It is an updated certification system with new technologies, new ideas, and new industry trends. Huawei Certification is in line with the company's ?Platform + Ecosystem? development strategy, and its new ICT infrastructure featuring ?Cloud-Pipe-Device? synergy. It evolves to fit with the latest trends of ICT convergence. Huawei Certification consists of two categories: Cloud Service & Platform and ICT Infrastructure. With its leading talent development system and certification standards, Huawei is committed to developing new ICT professionals in the digital era and building a healthy ICT talent ecosystem.

To meet the comprehensive needs of the government, finance, energy, power, transportation,

education, and other sectors for the development of ICT talents, in addition to the basic knowledge and skills training, Huawei offers professional consulting services and capability development solutions specific to the characteristics of each industry by relying on its years of experience in the industry markets and based on its solid knowledge foundation, consulting capabilities, resource consolidation capabilities, and experience in the training industry. Huawei helps enterprise customers build a training system that aligns with their development strategy in terms of three levels: strategy planning, system building, and capability improvement for ICT talent development.

Based on the career development lifecycle of ICT talent and with higher education as the starting point, Huawei offers hierarchical capability development solutions for students, recent graduates, associates, professionals, and experts to help enterprises consolidate their knowledge. In this guide, we will cover **H12-261 exam dumps** and all the aspects of **H12-261 practice test**.

NEW QUESTION 155

As shown in the figure, the R1 R2 ISIS R1 R2 ? neighbor relationship is established, and the data synchronization process with it is correct.
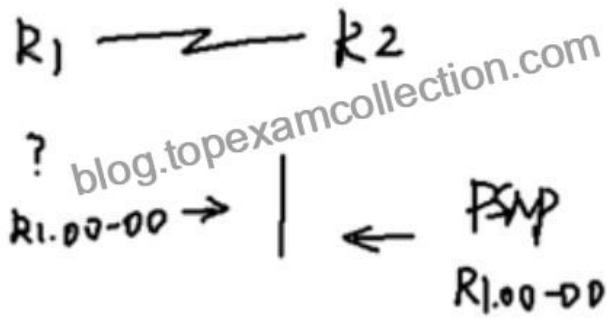
* The message sent by the R1 R2 PSNP is a message.
* The message sent by R1 R2 CSNP is a message.
* The message sent by the R1 R2 LSP is a packet.
* The message sent by R1 R2 Hello is the message.

NEW QUESTION 156

Which of the following are used in Ethernet networks? (Multiple Choice)
* 802.5 encapsulated frames
* 802.3 encapsulated frames
* CSMA/CD for media access
* Non Canonical format MAC addresses
* Canonical format MAC addresses

NEW QUESTION 157

Which message is sent to the NMS SNMP? The event is a reliable report.
* Response
* Trap
* Inform
* Get
* Get Bulk

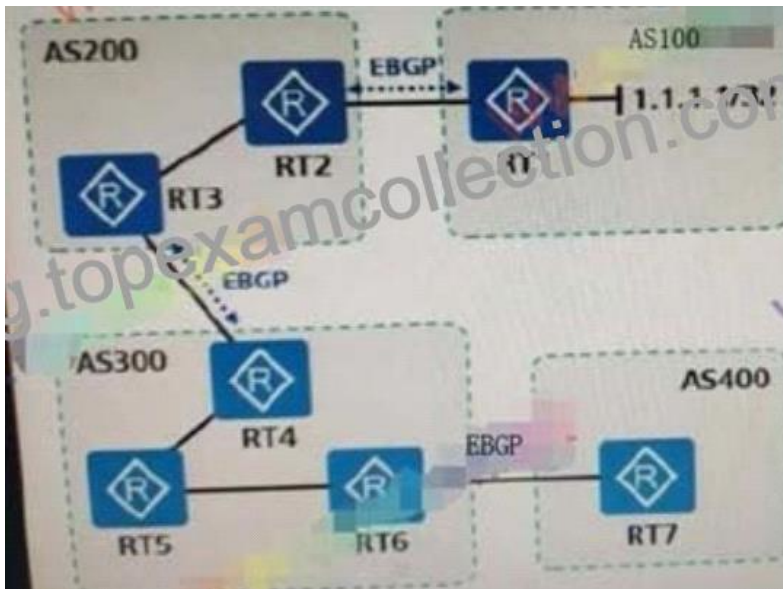**NEW QUESTION 158**

Which of the following DNS resource records are valid? (Multiple Choice)
* NS
* FTR
* A
* MX
* FQDN

NEW QUESTION 159

As shown in the following topology, establish a phase relationship, and receive the AS400 AS100 1.1.1.1/32 AS-Path routing network. What is the attribute?

* 100 200 300
* 400 300 200 100
* 100 200 300 400
* 300 200 100

NEW QUESTION 160

A VXLAN tunnel can be established between two VTEPs and shared by all VXLAN network Identifiers (VNIs) between two NVE nodes.
* TRUE
* FASE

NEW QUESTION 161

An AS-path-filter uses the regular expression [0-9]+$ to indicate all as-path attributes.
* TRUE
* FALSE

NEW QUESTION 162

Router HW1 is configured for OSPF, interface serial 0 is configured to be in area 0, and interface serial 1 is configured to be in area 1. What will the Rouer HW1 do when area 1 is NSSA? (Multiple Choice)
* HW1 will inject a type 3 default route into area 1.
* HW1 will inject a type 7 default route into area 1.
* HW1 will inject a type 7 default route into area 0.
* HW1 needs a default route in its routing table to inject a default into area 1.
* HW1 does not need a default route in its routing table to inject a default into area 1.

NEW QUESTION 163

IS-IS elects a DIS on a broadcast network. Which of the following statements regarding DIS are true? (Choose three.)
* DIS preemption is supported. After successful DIS preemption, LSPs do not need to be flooded.

* IS-IS elects the DIS by comparing preferences. If the preferences are the same, IS-IS compares MAC addresses.
* On a broadcast network, the DIS sends Hello PDUs at a frequency that is three times the frequency of non- DIS routers.
* The DIS periodically sends CSNPs to ensure LSDB synchronization.

NEW QUESTION 164

For policing and shaping, what is the mathematical relationship between the committed information rate (CIR), committed burst (Be), and committed rate measurement interval (Tc)?
* CIR = Tc/Bc
* CIR = Be/Tc
* Tc = CIR / Be
* Tc = Be / CIR

NEW QUESTION 165

In the two IBGP, shutdown, and BGP neighbor devices that have established the home, the interface is closed and the device connection is not immediately disconnected.
* True
* False

NEW QUESTION 166

Which of the following statements regarding the BFD one-arm-Echo function are true?
* Local and remote discriminators must be configured for this function.
* After this function is enabled, the destination and source IP addresses of BFD packets are the same.
* This function is applicable when one device supports BFD and the other device does not.
* The default destination IP address of a BFD packet is 224.0.0.184.

NEW QUESTION 167

Which Multicast Protocols use Reverse Path Forwarding (RPF) information when sending multicast traffic streams towards receivers within HW routers?
* PIM Dense Mode
* DVMRP
* Multicast OSPF
* PIM Sparse Mode

NEW QUESTION 168

The following correct method is OSPFv3 LSA, said
* Inter-Area Prefix-LSA Link State id, contains the preceding information
* Router-LSA Network-LsA and does not contain routing information
* When the Intra-Area Prefix LSA Referenced Link State Type-2, Referenced, the Link State id DR id contains the interface
* Inter-Area-Prefix LSA Link-Local also contains information

NEW QUESTION 169

RIPng advertises information about a summarized route in which the prefix is FC00:200;: and the prefix length is 32 bits. Which of the following configurations is correct?

A)

```
[Huawei]interface gigabitethernet 1/0/0
[Huawei-GigabitEthernet1/0/0]ripng summary-address fc00:200:: 32
```

B)

```
[Huawei]ripng 100
[Huawei-ripng-100]ripng summary-address fc00:200:: 32
```

C)

```
[Huawei]interface gigabitethernet 1/0/0
[Huawei-GigabitEthernet1/0/0]ripng summary-address fc00:200::/32 output
```

D)

```
[Huawei]ripng 100
[Huawei-ripng-100]ripng summary-address fc00:200::/32 interface GigabitEthernet1/0/0
```

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

NEW QUESTION 170

Which of the following statements regarding the EVPN Type5 route is false?
* The IP prefix field in a Type5 route can carry either the host IP address or the network segment address
* Type5 route is the IP prefix route
* A Type5 route carries a Layer 3 VNI
* A Type5 route carries both Layer 2 and Layer 3 VNIs
Explanation/Reference:

NEW QUESTION 171

A company has deployed SSM on its network. To reduce bandwidth consumption of multicast data on the LAN, the network administrator configures the following commands on the S5700 switch:

[Quidway]igmp-snooping enable

[Quidway]vlan 10

[Quidway-vlanlOJigmp-snooping enable

[Quidway-vlanlfJ]igmp-snooping version 3

The S5700 switch then forwards data packets based on groups that hosts have joined.
* TRUE
* FALSE

NEW QUESTION 172

IP multicast addresses in the 224.0.0.0 through 224.0.0.255 range are reserved for what purpose?
* For Administratively Scoped multicast traffic intended to remain inside a private network
* For Administratively Scoped multicast traffic that is not supposed to be transmitted on the Internet
* For link-local multicast traffic consisting of network control messages that are not supposed to leave the local subnet
* For any valid multicast data stream used by multicast applications
* For global Internet multicast traffic intended to travel throughout the Internet

NEW QUESTION 173

In the broadcast network OSPF RTA.RTB.RTC RTD DR 2. 1. 1 0 network, there are four routers in the same network segment, and its first priority is and Router ID 192.168.1.1.192.168.2. respectively 1.192.168.3.1 192.168.4.1. 4 and if enabled on this router, OSPF is enabled.

The OSPF BDR is elected as
* RTB
* RTC
* RTA
* RTD

NEW QUESTION 174

xThe existing Route-policy is as follows:

Ip community-filter 1 permit 100:1 ip as-path-filter 2 permit100$

Route-policytest permit node 10

If-match community-filter 1

If-match as-path-filter 2

Apply as-path 200

What is the correct description about the above configuration?
* Only if the BGP 100:1 AS_PATH 100 BGP route carry attribute has a value of or , the route will match the above

* The route matches the above only if the BGP 100:1 AS-PATH 100 BGP route- policy route-routed carrier attribute has a value of quo.

Policy AS-PATH 20 AS_PATH 200 . The attribute of the matching route will be changed to the attribute of the matching route will be changed to
* Only if the BGP AS-PATH 100 BGP route-policy AS_PATH route is carried as , the route will match the above. Matching route Sex will be changed to 200
* As long as the route bearer attribute BGP 100:1 BGP route-policy has a group value, the route will match the above. Matching route The AS_PATH 200 attribute will be changed to

NEW QUESTION 175

The HW network consists of Network A and B that are connected via Router HW1 and Router HW2. The HW network is shown in the following exhibit. To set up an IPSec VPN between routers HW1 and HW2, which of the following crypto access-lists must be configured on Router HW1 in order to send LAN to LAN traffic across the encrypted VPN tunnel?
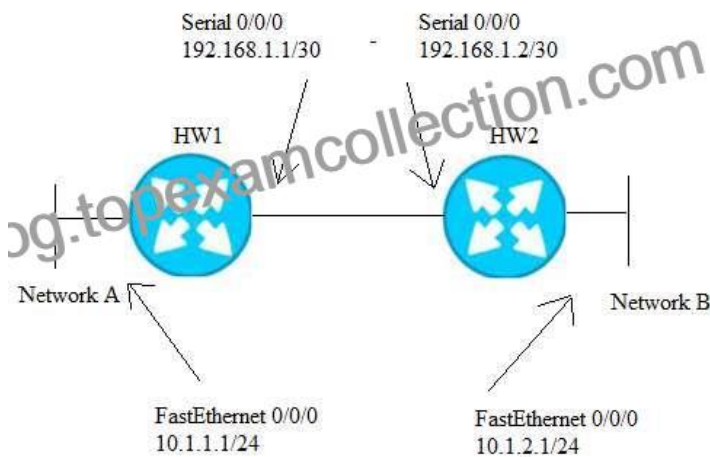
* rule permit ip source 10.1.2.0 0.0.0.255 destination 10.1.1.0 0.0.0.255
* rule permit ip source 10.1.1.0 0.0.0.255 destination 192.168.1.2 0
* rule permit ip source 198.168.1.1 0 destination 192.168.1.2 0
* rule permit ip source 10.1.1.0 0.0.0.255 destination 10.1.2.0 0.0.0.255
* rule permit ip source 192.168.1.1 0 destination 10.1.2.0 0.0.0.255

NEW QUESTION 176

About the BGP, the following describes the error
* The Alliance divides an AS AS As AS into several parts for the outside of the alliance.
* Alliance sub-AS, BGP number tacit notification
* The affiliated sub-owner can use the private AS NE/AR, number 32. A Huawei router can be configured with up to a sub-autonomous system.
* The joint detection alliance can easily go to the AS, and the path selection factor in As EBGP runs for each other.

NEW QUESTION 177

In which of the following scenarios will gratuitous ARP packets be sent?
* A host connected to the switch sends a ping packet.

* The DHCP client receives an acknowledgment message from the server
* A new host with an IP address is connected to the network.
* The master and backup devices are elected in VRRP.

NEW QUESTION 178

Which of the following statements regarding BGP route summarization is true?
* After the aggregate ipv4-address mask command is configured, only summary routes are advertised and specific routes are not advertised.
* BGP supports manual aggregate and automatic summarization of IPv6 routes.
* Routes in the local BGP routing table can be manually aggregated.
* By default, automatic BGP route summarization is enabled.

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