В начало ⟩ Мои курсы ⟩ Сети и телекоммуникации ⟩ Модуль 1. Тесты ⟩

Тест по лекциям 3-5. IP, маршрутизация, OSPF

Тест начат	Суббота, 30 октября 2021, 11:18
Состояние	Завершено
Завершен	Суббота, 30 октября 2021, 11:33
Прошло времени	14 мин. 40 сек.
Оценка	7,67 из 10,00 (77%)

Вопрос 1
Верно
Баллов: 1,00 из 1,00

An ARP request is sent by host A to obtain the destination MAC address of host D.

Which statement is true regarding the ARP reply?

- ○ A.   The destination MAC address of this frame is the MAC address of Switch A.
- ◉ B.   The destination MAC address of this frame is the MAC address of Host A. ✔
- ○ C.   The destination IP address of this packet is a broadcast IP address.
- ○ D.   The destination IP address of this packet is the VLANIF1 IP address of Switch A.

Ваш ответ верный.

Правильный ответ:
The destination MAC address of this frame is the MAC address of Host A.

Вопрос 2
Верно
Баллов: 1,00 из 1,00

OSPF allows for "multiple" processes. By default, OSPF selects a process whose number is ( ).

- ○ A.   10
- ○ B.   100
- ○ C.   0
- ◉ D.   1 ✔

Ваш ответ верный.

Правильный ответ:
1

Вопрос **3**

Верно

Баллов: 1,00 из 1,00

In the case of Huawei router, what is the "-i" parameter in a Ping command issued on a VRP operating system used to set?

- ○ A. Interface for receiving an Echo Reply packet
- ○ B. Destination IP address for receiving an Echo Reply packet
- ○ C. Source IP address for sending an Echo Request packet
- ◉ D. Interface for sending an Echo Request packet ✔

Ваш ответ верный.

Правильный ответ:
Interface for sending an Echo Request packet

Вопрос **4**

Верно

Баллов: 1,00 из 1,00

Which of the following entries is not included in the routing table?

- ○ A. next hop
- ○ B. destination address
- ◉ C. source address ✔
- ○ D. cost

Ваш ответ верный.

Правильный ответ:
source address

Вопрос **5**

Верно

Баллов: 1,00 из 1,00

Host A wishes to send data to host C, and generates an ARP request to obtain the destination MAC address.

Which statement is true?

- ○ A. The destination MAC address of this frame is the MAC address of G0/0/0 on RTA.
- ○ B. The destination MAC address of this ARP request is Host C.
- ○ C. The destination IP address for the ARP request is a broadcast IP address.
- ◉ D. The destination IP address of the ARP request is Host C. ✔

Ваш ответ верный.

Правильный ответ:
The destination IP address of the ARP request is Host C.

Вопрос 6
Верно
Баллов: 1,00 из 1,00

On the VRP platform, which of the following commands is used to configure the Router ID of a router as 1.1.1.1?

○ A. [Huawei]router-id 1.1.1.1

◉ B. [Huawei]router id 1.1.1.1   ✔

○ C. [Huawei]router id 1.1.1.1 255.255.255.255

○ D. <Huawei>router id 1.1.1.1

Ваш ответ верный.

Правильный ответ:
[Huawei]router id 1.1.1.1

Вопрос 7
Неверно
Баллов: 0,00 из 1,00

Which of the following statements regarding Designated Routers in OSPF are correct?

☐ A. If the priorities of two routers are equal, the router with the higher Router ID will be elected as DR.

☑ B. If the priorities of two routers are different, the router with the lower priority will be elected as DR. ✘

☑ C. DR is elected by all the routers in the same network segment. ✔

☑ D. DR and BDR must be adjacent. ✔

Ваш ответ неправильный.

Правильные ответы:
DR is elected by all the routers in the same network segment.,

If the priorities of two routers are equal, the router with the higher Router ID will be elected as DR.,

DR and BDR must be adjacent.

Вопрос 8
Верно
Баллов: 1,00 из 1,00

Which of the following are routed protocols?

☑ A. IPX   ✔

☑ B. IP   ✔

☐ C. OSPF

☐ D. BGP

Ваш ответ верный.

Правильные ответы:
IP,

IPX

Вопрос 9

Частично правильный

Баллов: 0,67 из 1,00

Which of the following statements regarding single area OSPF are correct?

- ☑ A. All of the links of the network need to be advertised in Area 0.   ✔
- ☑ B. A single area can be configured using any supported area number.   ✔
- ☐ C. An IP address needs to be configured on a loopback interface of each router before configuring an OSPF area.
- ☐ D. The value of an area can be from 0.0.0.0 to 255.255.255.255.

Ваш ответ частично правильный.

Вы правильно выбрали 2.

Правильные ответы:

The value of an area can be from 0.0.0.0 to 255.255.255.255.,

A single area can be configured using any supported area number.,

All of the links of the network need to be advertised in Area 0.

Вопрос 10

Неверно

Баллов: 0,00 из 1,00

Which of the following statements about router IDs are true?

- ☐ A. The routes contained in the same LSDB have the same router ID.
- ☑ B. Each router in an OSPF network must have a unique router ID.   ✔
- ☑ C. Two routers in different OSPF areas can have the same router ID.   ✖
- ☑ D. A router ID is expressed in a 32-bit dotted decimal format.   ✔

Ваш ответ неправильный.

Правильные ответы:

Each router in an OSPF network must have a unique router ID.,

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