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

Тест по лекции 1. Теоретические сетевые модели, классификация топологий, сетевые устройства

Тест начат	Среда, 29 сентября 2021, 10:04
Состояние	Завершено
Завершен	Среда, 29 сентября 2021, 10:19
Прошло времени	14 мин. 13 сек.

Вопрос **1**

Неверно

Балл: 1,00

Switches are like bridges, except that they have multiple ports.

Выберите один ответ:

◯ Верно

◉ Неверно ✖

Вопрос **2**

Верно

Балл: 1,00

Network Layer is in OSI's:

◯ A. 1st layer

◯ B. 4th layer

◯ C. 7th layer

◉ D. 3rd layer ✔

Вопрос **3**

Верно

Балл: 1,00
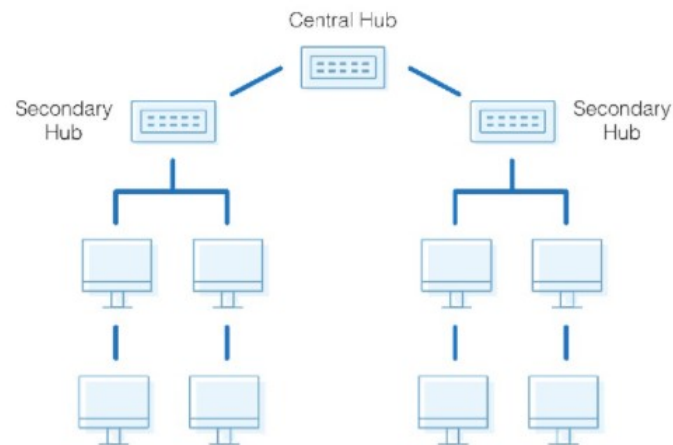
In OSI reference model, which layer resides at the bottom?

◯ A. Network layer

◉ B. Physical layer ✔

◯ C. Data link layer

◯ D. Application layer

Вопрос 4

Верно

Балл: 1,00

What type can this topology be classified as?

- ○ A. Bus topology
- ○ B. Star topology
- ◉ C. Tree topology   ✔
- ○ D. Ring topology
- ○ E. Full-mesh topology

Вопрос 5

Верно

Балл: 1,00

According to OSI reference model, which layer defines mechanical, electrical, functional and procedural functions to realize data transmission?

- ○ A. Transport layer
- ◉ B. Physical layer   ✔
- ○ C. Network layer
- ○ D. Data link layer
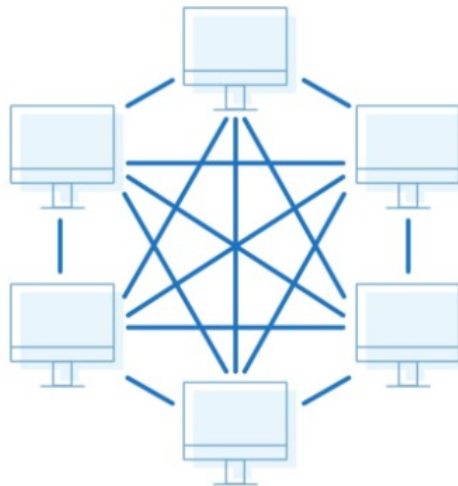
Вопрос 6

Неверно

Балл: 1,00

Which of the following is the function of layer 2 switch?

- ○ A. Forward packets based upon a routing table, provide traffic segmentation, multiple broadcast domains, and define network layer addressing subnets and networks.
- ○ B. Interconnect networks at data link layer, most commonly at the MAC sublayer, and operate as bridges, building tables for the transfer of frames among networks.
- ● C. Connect multiple Ethernet devices together and make them act as a single network segment. ✖
- ○ D. Monitor incoming and outgoing network traffic and decide whether to allow or block specific traffic based on a defined set of security rules.

Вопрос 7

Верно

Балл: 1,00

What type can this topology be classified as?

- ● A. Full-mesh topology ✔
- ○ B. Bus topology
- ○ C. Ring topology
- ○ D. Tree topology
- ○ E. Star topology

Вопрос 8

Верно

Балл: 1,00

Which of the following is the function of router?

○ A.   Connect multiple Ethernet devices together and make them act as a single network segment.

○ B.   Interconnect networks at data link layer, most commonly at the MAC sublayer, and operate as bridges, building tables for the transfer of frames among networks.

◉ C.   Forward packets based upon a routing table, provide traffic segmentation, multiple broadcast domains, ✔ and define network layer addressing subnets and networks.

○ D.   Monitor incoming and outgoing network traffic and decide whether to allow or block specific traffic based on a defined set of security rules.

Previous activity

◄ Сети для самых маленьких

Перейти на...

Next activity

Тест по лекции 2. Адресация на канальном уровне (Layer 2 switching) ►

Оставайтесь на связи

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