

# 300-420 Certification Training and 300-420 Test Torrent - Designing Cisco Enterprise Networks Guide Torrent - TroytecDumps

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These Designing Cisco Enterprise Networks (300-420) practice test covers all the topics of the 300-420 test and includes real 300-420 questions. If you are attempting the 300-420 examination for the first time, you will get an exact idea about the 300-420 exam and how you can clear it with flying colors. These Cisco 300-420 Questions are available in desktop 300-420 practice exam software, web-based 300-420 practice test, and Designing Cisco Enterprise Networks (300-420) dumps pdf format.

Cisco 300-420 exam covers a wide range of topics related to designing Cisco Enterprise Networks. Some of the topics that are covered include advanced routing and switching technologies, network automation, network security, network services, and network design principles. 300-420 Exam is designed to test your ability to apply these concepts to real-world scenarios and to design and implement solutions that meet the needs of modern businesses.

>> 300-420 Reliable Test Pattern <<

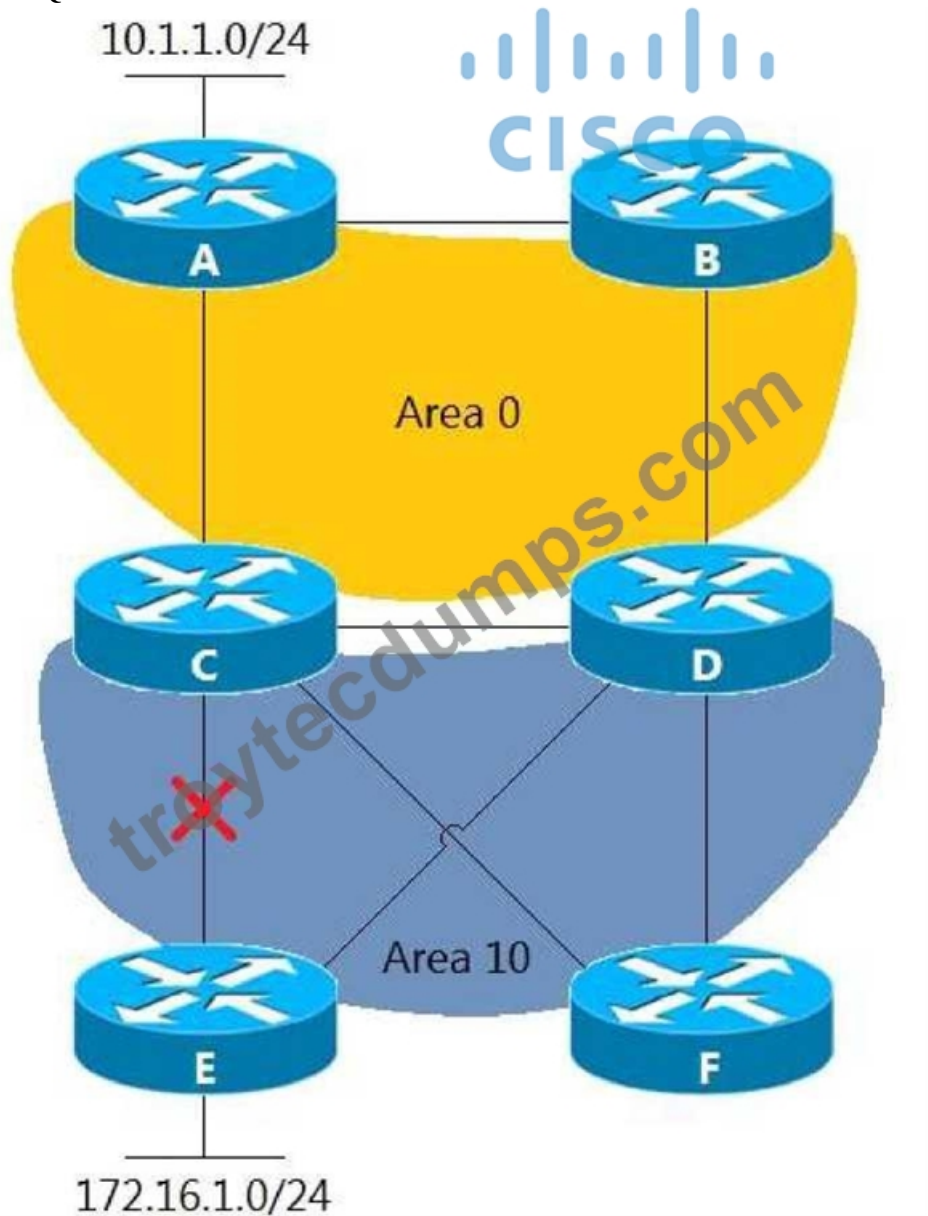
## 300-420 Reliable Exam Book & Reliable 300-420 Test Pass4sure

The 300-420 training vce offered by TroytecDumps will be the best tool for you to pass your actual test. The 300-420 questions & answers are especially suitable for the candidates like you for the coming exam test. The contents of Cisco study dumps are edited by our experts who have rich experience, and easy for all of you to understand. So, with the skills and knowledge you get from 300-420 practice pdf, you can 100% pass and get the certification you want.

Cisco 300-420 Exam is a challenging certification exam that tests the knowledge and skills of professionals in designing enterprise-level networks. Passing 300-420 exam demonstrates the candidates' expertise in building scalable, secure, and efficient networks using Cisco technologies. With this certification, candidates can advance their careers and take on more challenging roles in the field of network engineering.

## Cisco Designing Cisco Enterprise Networks Sample Questions (Q224-Q229):

NEW QUESTION # 224



Refer to the exhibit. Area 10 is a regular OSPF area and networks 10.1.1.0/24 and 172.16.1.0/24 are internal. Which design provides optimal routing between both networks when the link between routers C and E fails?

- A. Create a tunnel between routers E and F in area 10.
- B. Make area 10 a not-so-stubby area.
- C. Create an OSPF virtual link between routers E and F.
- D. Move the link between routers C and D to area 10.

**Answer: D**

NEW QUESTION # 225

An engineer is creating a design to enable IPv6 to run on an existing IPv4 IS-IS network. The IPv4 and IPv6 topologies will match exactly, and the engineer plans to use the same router levels for each protocol per interface. Which IS-IS design is required?

- A. multi topology with transition feature enabled
- B. multi topology without enabling transition feature
- C. single topology without enabling transition feature
- D. single topology with transition feature enabled

**Answer: D**

Explanation:

Single-topology IS-IS with the transition feature is the correct design when IPv6 is being added to an existing IPv4 IS-IS network and both topologies must match exactly. In single-topology mode, IS-IS calculates one topology and uses it for both IPv4 and IPv6, which fits the requirement that the IPv4 and IPv6 paths and router levels remain the same on each interface. Cisco documentation notes that single-topology IS-IS IPv6 requires routers to run the same set of address families for adjacency consistency; during migration, transition support allows the network to operate while IPv6 is introduced gradually. Multi-topology IS-IS is used when IPv4 and IPv6 should be allowed to follow different topologies or when not all routers support the same address families. The question explicitly says the topologies will match exactly, so multi-topology is unnecessary. Single topology without the transition feature is risky during phased migration because routers that do not yet run both address families may fail adjacency checks or create blackholing. Reference topics: IS-IS for IPv6, single-topology IS-IS, transition mode, address-family consistency, IPv6 migration.

**NEW QUESTION # 226**

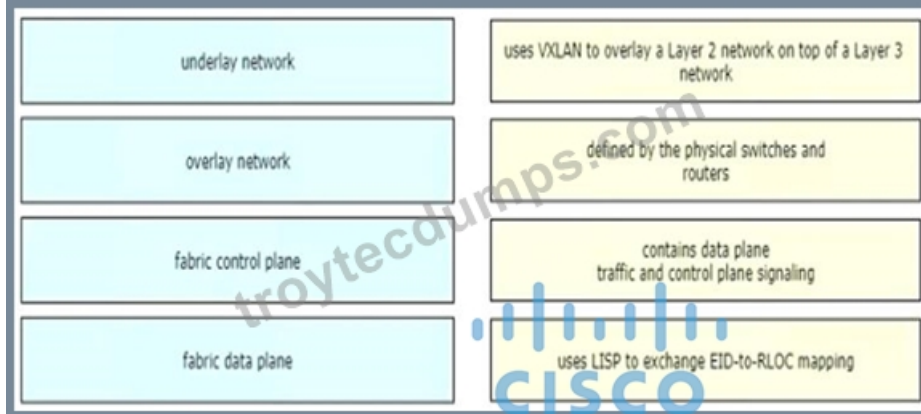
Which two Cisco ISE use cases typically involve the highest level of implementation complexity?  
(Choose two.)

- A. Software-defined access
- B. Software-defined segmentation
- C. Guest and wireless access
- D. Device management
- E. Asset visibility

**Answer: A,B**

**NEW QUESTION # 227**

Drag and drop the components in a Cisco SD-Access architecture from the left onto their descriptions on the right.



**Answer:**

Explanation:

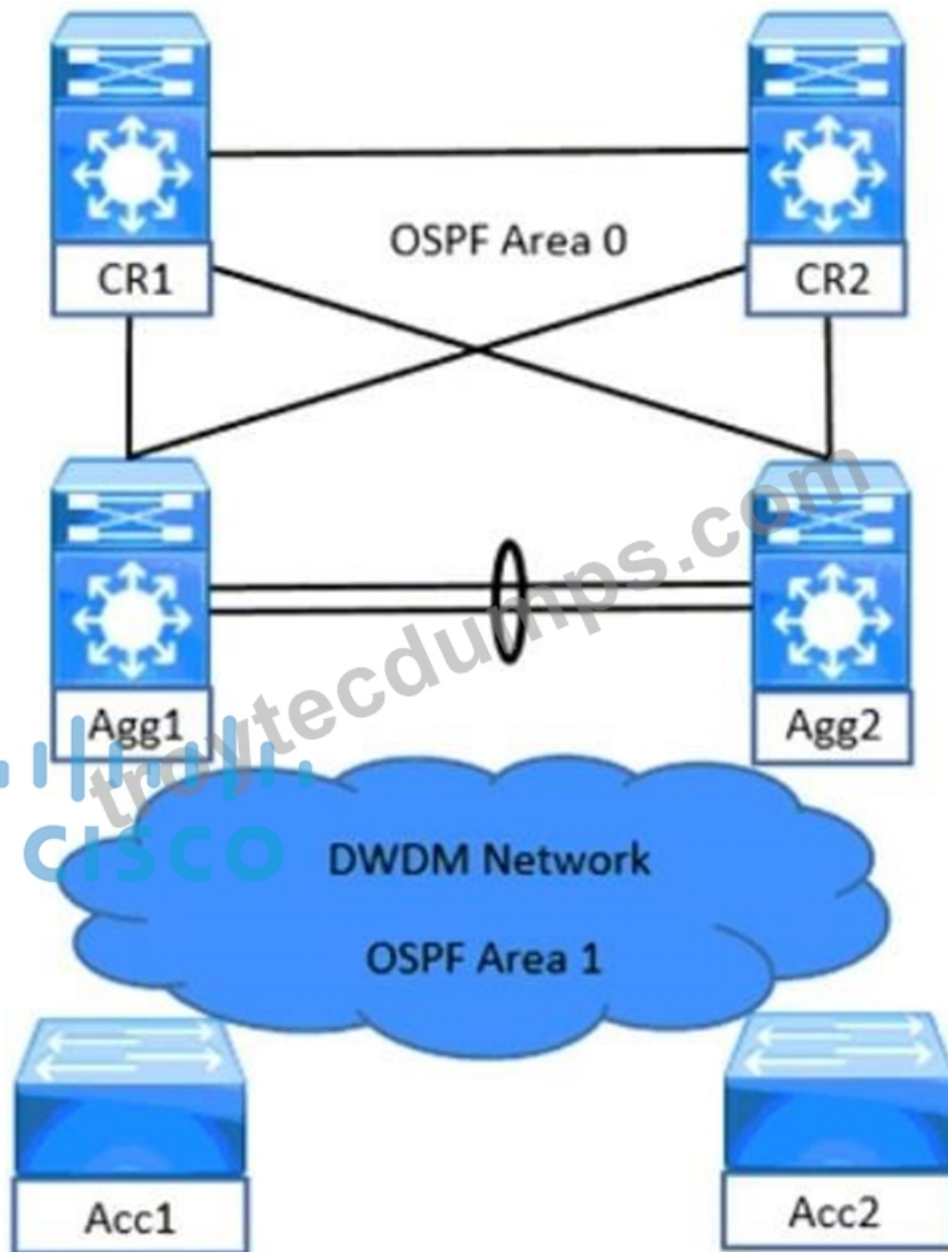


**NEW QUESTION # 228**

Refer to the exhibit. A network engineer must design a highly available OSPF solution based on these requirements:

- Traffic disruptions caused by link or node failures in Area-1 must be resolved in milliseconds.
- In the event of a failure, traffic must switch to another path without waiting for the OSPF dead interval.

Which fault detection solution must the engineer choose?



- A. Enable IP SLA tracking for each OSPF peer.
- B. Utilize BFD and tune the BFD timers to 100 ms.
- C. Tune the SPF delay and the OSPF LSA interval timers to 100 ms.
- D. Decrease SPF timers to 100 ms.

**Answer: B**

**NEW QUESTION # 229**

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