



# 300-610<sup>Q&As</sup>

Designing Cisco Data Center Infrastructure (DCID)

## Pass Cisco 300-610 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/300-610.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco  
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





### QUESTION 1

An engineer seeks a solution to retrieve routing information from Cisco Nexus switches. The data must be exported to a web application in a JSON or XML data format for monitoring and must be encrypted during transmission. The solution must not require extensive knowledge to support and should be simple to implement.

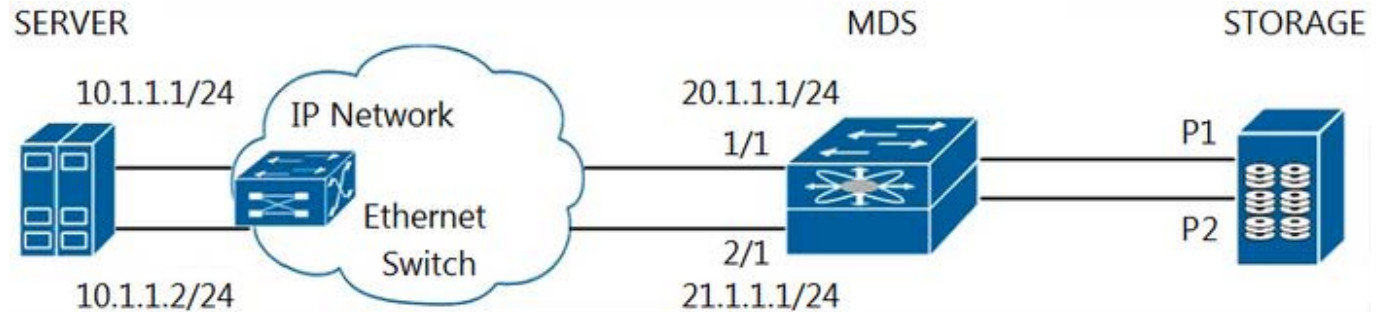
Which technology accomplishes these goals?

- A. streaming telemetry
- B. Cisco Tetration
- C. NX-API
- D. Python scripts

Correct Answer: A

### QUESTION 2

Refer to the exhibit.



A high-availability setup for iSCSI is designed with the host running iSCSI multipath software. Each IP storage port on the MDS switch exports the same two Fibre Channel target ports with different iSCSI target names. In this design, how many iSCSI sessions are created from the host so that recovery occurs if any component fails?

- A. 2
- B. 3
- C. 4
- D. 5

Correct Answer: C

[https://www.cisco.com/en/US/docs/storage/san\\_switches/mds9000/sw/rel\\_3\\_x/configuration/guides/fm\\_3\\_2/ciscsi.html](https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/configuration/guides/fm_3_2/ciscsi.html)



### QUESTION 3

An engineer finishes the initial set up of a VXLAN EVPN network. The engineer is asked to plan for connectivity that supports redundancy and extends multiple virtual routing and forwarding domains. The requirement is to use the same default gateway addressing across all leaf switches that belong to the VXLAN network.

Which two solution must be used to meet these requirements? (Choose two)

- A. spanning tree protocol
- B. VRF-lite
- C. Distributed anycast gateway
- D. DC interconnect
- E. Inter-site network

Correct Answer: CD

[https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst9300/software/release/16-12/configuration\\_guide/vxlan/b\\_16\\_12\\_bgp\\_evpn\\_vxlan\\_9300\\_cg/configuring\\_evpn\\_vxlan\\_anycast\\_gateway.html](https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst9300/software/release/16-12/configuration_guide/vxlan/b_16_12_bgp_evpn_vxlan_9300_cg/configuring_evpn_vxlan_anycast_gateway.html)

<https://www.cisco.com/c/en/us/products/collateral/switches/nexus-9000-series-switches/white-paper-c11-739942.html>

---

### QUESTION 4

Which programming model is vendor-agnostic and uses separate containers or models for operational and configuration data?

- A. OpenConfig YANG
- B. open YANG
- C. native YANG
- D. IETF YANG

Correct Answer: A

---

### QUESTION 5

What are two characteristics of VRF-Lite on the Cisco NX-OS platform? (Choose two.)

- A. Layer 3 interfaces can belong to multiple VRFs.
- B. VRF-Lite interfaces can be Layer 2.
- C. Overlapping IP addresses are permitted on different VRFs.
- D. Interfaces that belong to VRFs can be physical or logical.



E. VRF-Lite interfaces support MPLS.

Correct Answer: CD

VRF can be either physical, such as Ethernet ports, or logical, such as VLAN SVIs, but a Layer 3 interface cannot belong to more than one VRF at any time.

With the VRF-lite feature, the switch supports multiple VRFs in customer edge (CE) switches. VRF-lite allows a service provider to support two or more Virtual Private Networks (VPNs) with overlapping IP addresses using one interface.

Reference:

[https://www.cisco.com/c/en/us/td/docs/routers/connectedgrid/cgr1000/ios/software/15\\_4\\_1\\_cg/vrf\\_cgr1000.html](https://www.cisco.com/c/en/us/td/docs/routers/connectedgrid/cgr1000/ios/software/15_4_1_cg/vrf_cgr1000.html)

[300-610 Practice Test](#)

[300-610 Study Guide](#)

[300-610 Exam Questions](#)