



Vendor: Cisco

Exam Code: 640-916

**Exam Name: Introducing Cisco Data Center Technologies –
DCICT**

Version: Demo

QUESTION 1

Which two are advantages of a modular data center design? (Choose two.)

- A. complexity
- B. scalability
- C. ease of management
- D. resilience

Correct Answer: BD

QUESTION 2

Which two describe functions of the data center aggregation layer? (Choose two.)

- A. repeater
- B. high-speed packet switching
- C. access control
- D. services layer
- E. QoS marking

Correct Answer: CD

QUESTION 3

Which two are functional layers of a collapsed-core LAN design? (Choose two.)

- A. core
- B. aggregation
- C. access
- D. distribution
- E. services

Correct Answer: AC

QUESTION 4

Which two Cisco data center devices can participate in FabricPath? (Choose two.)

- A. Cisco Nexus 5500 Series Switches
- B. Cisco Nexus 1000V
- C. Cisco Nexus 7000 Series Switches
- D. Cisco Nexus 4900 Series Switches
- E. Cisco MDS 9500 Series directors

Correct Answer: AC

QUESTION 5

Which item best describes the STP requirements for Cisco FabricPath?

- A. RPVST must be configured on every Cisco FabricPath VLAN.
- B. RPVST must be configured on every Cisco FabricPath Border interface.
- C. MST must be configured on every Cisco FabricPath VLAN.
- D. MST must be configured on every Cisco FPBI.
- E. STP is required only to resolve border link failures.
- F. STP is not required on Cisco FabricPath interfaces.

Correct Answer: F

QUESTION 6

Which three are features of Cisco OTV? (Choose three.)

- A. control plane-based MAC learning
- B. dynamic encapsulation
- C. MAC address learning based on flooding
- D. pseudo wires and tunnels
- E. complex dual-homing
- F. native automated multihoming

Correct Answer: ABF

QUESTION 7

Which is a key characteristic of virtual device contexts?

- A. allowing logical switches to be aggregated into a single physical switch
- B. allowing logical switches to be aggregated into multiple physical switches
- C. allowing physical switches to be partitioned to a single virtual switch
- D. allowing physical switches to be partitioned to multiple virtual switches

Correct Answer: D

QUESTION 8

Which three are characteristics of the SAN core-edge design? (Choose three.)

- A. few devices to manage

- B. deterministic latency
- C. lower oversubscription
- D. fewer ISLs
- E. easy to analyze and tune performance
- F. cost-effective for large SANs

Correct Answer: BEF

QUESTION 9

Which two Cisco Nexus switches are capable of Layer 3 switching? (Choose two.)

- A. Cisco Nexus 7010
- B. Cisco Nexus 5020
- C. Cisco Nexus 5548
- D. Cisco Nexus 2248
- E. Cisco Nexus 2232

Correct Answer: AC

QUESTION 10

Which command pings from the Cisco Nexus 5548 interface mgmt 0 to host 10.10.1.1?

- A. ping -m 10.10.1.1
- B. ping 10.10.1.1 -m
- C. ping 10.10.1.1 vrf management
- D. ping 10.10.1.1 vrf default

Correct Answer: C

QUESTION 11

HOTSPOT

Instructions ✕

- Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- To access the multiple-choice questions, click the numbered boxes at the left of the top panel.
- There are four multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

Scenario ✕

The customer is planning to deploy OTV and is currently verifying OTV configuration in the test lab environment. Go through the topology and Exhibits 1 through 5 to answer the questions.

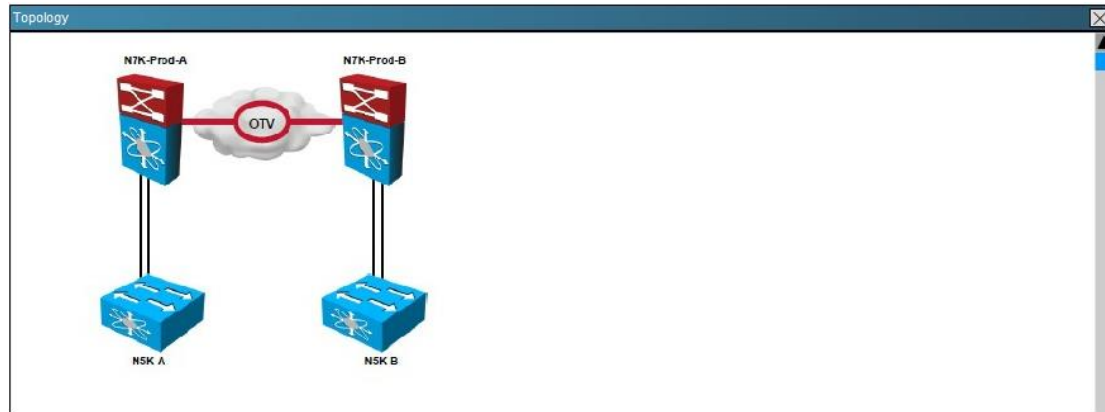


Exhibit1

Nexus-7010-PROD-A# show license usage

Feature Count	Ins	Lic	Status	Expiry Date	Comments
MPLS_PKG	No	-	Unused		-
STORAGE-ENT	No	-	Unused		-
ENTERPRISE_PKG	No	-	Unused		-
FCOE-N7K-F132XP	No	0	Unused		-
ENHANCED_LAYER2_PKG	Yes	-	Unused	Never	-
SCALABLE_SERVICES_PKG	No	-	Unused		-
TRANSPORT_SERVICES_PKG	Yes	-	In use	Never	-
LAN_ADVANCED_SERVICES_PKG	Yes	-	Unused	Never	-
LAN_ENTERPRISE_SERVICES_PKG	Yes	-	Unused	Never	-

Nexus-7010-PROD-A#

Exhibit2

Nexus-7010-PROD-A# show vlan

F103-Nexus-7010-PROD-A# show vlan

VLAN Name	Status	Ports
1 default	active	Po7, Po71, Po72, Eth2/1, Eth2/2, Eth2/3, Eth2/4, Eth2/5, Eth2/6, Eth2/7, Eth2/8, Eth2/10, Eth2/11, Eth2/12, Eth2/25, Eth2/26
10 OTV Extended VLAN	active	Po7, Po71, Po72, Eth2/7, Eth2/8, Eth2/11, Eth2/12, Eth3/3
13 OTV-Site-VLAN	active	Po7, Po71, Po72, Eth2/7, Eth2/8, Eth2/9

----remaining output removed----

Exhibit3

```
Nexus-7010-PROD-A# show otv route

OTV Unicast MAC Routing Table For Overlay1

VLAN MAC-Address      Metric  Uptime   Owner    Next-hop(s)
-----
 10 547f.ee5c.6efc    1      00:06:43 site     Ethernet2/5
 10 547f.ee5c.763c    1      00:05:37 site     Ethernet2/11
 10 64a0.e743.03c3    1      00:06:17 site     Ethernet2/11
 10 c464.13ba.fe9e    1      00:26:13 site     Ethernet2/11

Nexus-7010-PROD-A#
```

Exhibit4

```
F103-Nexus-7010-PROD-A# show mac address-table learning-mode
Vlan      Learning Mode
-----
 1         Non-Conversational-Learning
 42        Conversational-Learning
 110       Non-Conversational-Learning
 113       Non-Conversational-Learning
 114       Non-Conversational-Learning
 211       Non-Conversational-Learning
 212       Non-Conversational-Learning
```

Questions

- 1 The Cisco Nexus 7000 Switch supports feature-based Licenses for various protocols.
- 2 On Nexus-7010-PROD-A switch, which package(PKG) applies to OTV?
- 3 MPLS_PKG
- 4 TRANSPORT_SERVICES_PKG
- FCOE-N7K-F132XP
- OTV_LICENSE_PKG

Correct Answer:

Questions

- 1 The Cisco Nexus 7000 Switch supports feature-based Licenses for various protocols.
- 2 On Nexus-7010-PROD-A switch, which package(PKG) applies to OTV?
- 3 MPLS_PKG
- 4 TRANSPORT_SERVICES_PKG
- FCOE-N7K-F132XP
- OTV_LICENSE_PKG

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<u>200-120</u>	<u>200-101</u>	<u>220-802</u>	<u>N10-005</u>	<u>1Z0-052</u>	<u>VCP510</u>	<u>C2180-319</u>
<u>300-206</u>	<u>640-911</u>	<u>BR0-002</u>	<u>SG0-001</u>	<u>1Z0-053</u>	<u>VCP550</u>	<u>C4030-670</u>
<u>300-207</u>	<u>640-916</u>	<u>CAS-001</u>	<u>SG1-001</u>	<u>1Z0-060</u>	<u>VCAC510</u>	<u>C4040-221</u>
<u>300-208</u>	<u>640-864</u>	<u>CLO-001</u>	<u>SK0-003</u>	<u>1Z0-474</u>	<u>VCP5-DCV</u>	<u>RedHat</u>
<u>350-018</u>	<u>642-467</u>	<u>ISS-001</u>	<u>SY0-301</u>	<u>1Z0-482</u>	<u>VCP510PSE</u>	<u>EX200</u>
<u>352-001</u>	<u>642-813</u>	<u>JK0-010</u>	<u>SY0-401</u>	<u>1Z0-485</u>		<u>EX300</u>
<u>400-101</u>	<u>642-832</u>	<u>JK0-801</u>	<u>PK0-003</u>	<u>1Z0-580</u>		
<u>640-461</u>	<u>642-902</u>			<u>1Z0-820</u>		

