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Vendor:Cisco

Exam Code:640-916

Exam Name:Introducing Cisco Data Center
Technologies (Retired)

Version:Demo

QUESTION 1

What two protocols can be used to connect to storage arrays on a converged Ethernet/IP network? (Choose two.)

- A. FCoE
- B. Fibre Channel
- C. iSCSI
- D. InfiniBand
- E. FabricPath

Correct Answer: AC

QUESTION 2

Which feature monitors state transitions of components and processes in Cisco Unified Computing System?

- A. finite state machine
- B. state monitor
- C. state manager
- D. discovery
- E. logical state arbiter

Correct Answer: A

QUESTION 3

What is the role of FIP in FCoE enabled Storage Area Networks?

- A. uses a dedicated EtherType of 0xFFFF
- B. discovers and initializes converged network capable devices connected to an Ethernet cloud
- C. reduces the number of network interface cards required to connect to disparate storage and IP networks
- D. reduces the number of cables and switches

Correct Answer: B

QUESTION 4

Drag the Network virtualization technology on the left to the correct definition on the right.

Select and Place:

Chassis FEX	Consolidates network management and presents physical switchports as a member of the parent
Adapter FEX	Consolidates the virtual and physical network and provides a virtual interface on the physical switch
FEX	Consolidates multiple IO module interfaces between fabric extenders and servers
VM FEX	Consolidates multiple physical interfaces and extends the network into the server

Correct Answer:

	FEX
	VM FEX
	Chassis FEX
	Adapter FEX

QUESTION 5

Scenario:

Customer is configuring FCoE and NPV in their Data Center on Cisco Nexus 5000 Series Switches. Please go through the Topology and Exhibit 1 through 4 to answer the following questions.

Topology:

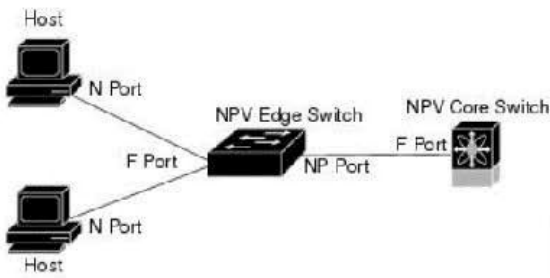


Exhibit 1

```
switch# configure terminal
switch(config)# npv enable
```

Exhibit 2

```
Switch# show npv flogi-table
```

```
-----
```

SERVER	EXTERNAL				
INTERFACE VSAN FCID	INTERFACE				
	PORT NAME	NODE NAME			
vfc3/1	1	0xee0c08	10:00:00:00:c9:60:e4:9a	20:00:00:00:c9:60:e4:9a	fc2/1
vfc3/1	1	0xee0c09	20:00:00:00:0a:00:00:01	20:00:00:00:c9:60:e4:9a	fc2/2
vfc3/1	1	0xee0c0a	20:00:00:00:0a:00:00:02	20:00:00:00:c9:60:e4:9a	fc2/3
vfc3/1	1	0xee0c0b	33:33:33:33:33:33:33:33	20:00:00:00:c9:60:e4:9a	fc2/4

```
-----
Total number of flogi = 4
```

Exhibit 3

```
switch# show npv status
npiv is enabled

External Interfaces:
=====
Interface: fc2/1, VSAN: 1, FCID: 0x1c0000, State: Up
Interface: fc2/2, VSAN: 1, FCID: 0x04c000, State: Up
Interface: fc2/3, VSAN: 1, FCID: 0x26c000, State: Up
Interface: fc2/4, VSAN: 1, FCID: 0x1ac000, State: Up
Number of External Interfaces: 4

Server Interfaces:
=====
Interface: vfc3/1, VSAN: 1, NPIV: No, State: Up
Number of Server Interfaces: 1
```

Exhibit 4

```
switch# show npv status
npiv is enabled
disruptive load balancing is enabled

External Interfaces:
=====
Interface: fc2/1, VSAN: 2, FCID: 0x10c000, State: Up
```

Which statement regarding Cisco Nexus 5000 Series switches is true?

- A. Cisco Nexus 5000 Series switches operate in IP routing mode.
- B. Cisco Nexus 5000 Series switches operate in FCoE mode.
- C. Cisco Nexus 5000 Series switches operate in fabric mode.
- D. Cisco Nexus 5000 Series switches operate in NPV mode.

Correct Answer: C

QUESTION 6

Which two are benefits of Cisco Unified Fabric? (Choose two.)

- A. native AES-256 encryption of data in flight
- B. consolidation of LAN and SAN over a common transport
- C. zone port distribution
- D. reduced cabling
- E. SNMPv3 strong authentication

Correct Answer: BD

QUESTION 7

Which three are required components of a Cisco Nexus 1000V deployment? (Choose three.)

- A. Adapter FEX
- B. Virtual Ethernet Module
- C. Virtual Fibre Channel Module
- D. Virtual Supervisor Module
- E. License key
- F. VM-Fex

Correct Answer: BDE

QUESTION 8

Scenario:

Customer is configuring FCoE and NPV in their Data Center on Cisco Nexus 5000 Series Switches. Please go through

the Topology and Exhibit 1 through 4 to answer the following questions.

Topology: Which statement is true regarding configuring NPV mode?

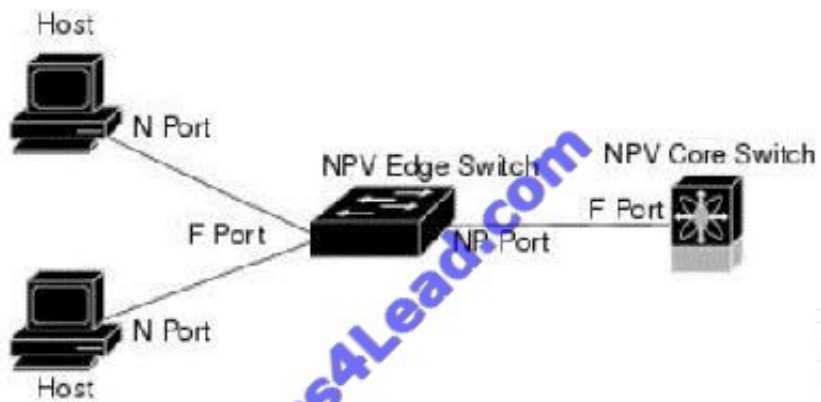


Exhibit 1

```
switch# configure terminal  
switch(config)# npv enable
```

Exhibit 2

```
Switch# show npv flogi-table
```

```
-----
SERVER                                                                 EXTERNAL
INTERFACE VSAN FCID          PORT NAME          NODE NAME          INTERFACE
-----
vfc3/1     1      0xee0c08 10:C0:00:00:c9:60:e4:9a 20:00:0c:00:c9:60:e4:9a fc2/1
vfc3/1     1      0xee0c09 20:C0:00:00:0a:00:00:01 20:00:0c:00:c9:60:e4:9a fc2/2
vfc3/1     1      0xee0c0a 20:C0:00:00:0a:00:00:02 20:00:0c:00:c9:60:e4:9a fc2/3
vfc3/1     1      0xee0c0b 33:33:33:33:33:33:33:33 20:00:0c:00:c9:60:e4:9a fc2/4
Total number of flogi = 4
```

Exhibit 3

```
switch# show npv status
```

```
npiv is enabled
```

```
External Interfaces:
```

```
=====
```

```
Interface: fc2/1, VSAN: 1, FCID: 0x1c0000, State: Up
```

```
Interface: fc2/2, VSAN: 1, FCID: 0x04c000, State: Up
```

```
Interface: fc2/3, VSAN: 1, FCID: 0x26c000, State: Up
```

```
Interface: fc2/4, VSAN: 1, FCID: 0x1ac000, State: Up
```

```
Number of External Interfaces: 4
```

```
Server Interfaces:
```

```
=====
```

```
Interface: vfc3/1, VSAN: 1, NPIV: No, State: Up
```

```
Number of Server Interfaces: 1
```

Exhibit 4

```
switch# show npv status
```

```
npiv is enabled
```

```
disruptive load balancing is enabled
```

```
External Interfaces:
```

```
=====
```

```
Interface: fc2/1, VSAN: 2, FCID: 0x1f0c00, State: Up
```

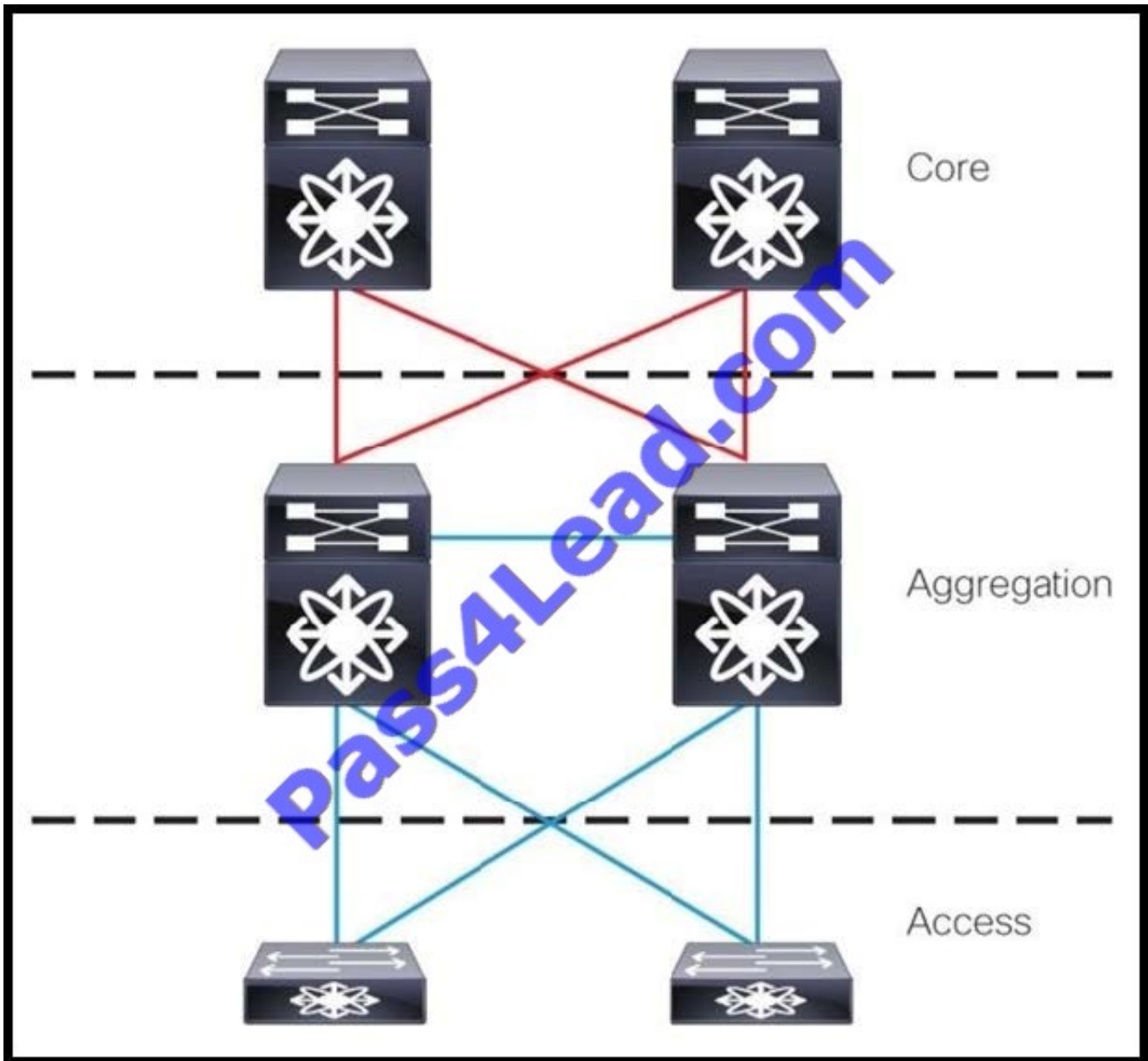
- A. When you enable NPV, the system configuration is erased and the switch reboots
- B. When you enable NPV, the system configuration is not erased and the does not switch reboot.

C. In Exhibit 3 NPV is enabled, but Server Interface to the external switch is not tied to correct vfc 2/1.

D. In NPV mode, the core switch relays all traffic from server-side ports to the edge switch and core switch provides N ports.

Correct Answer: C

QUESTION 9



Refer to the exhibit. A network engineer proposes a hierarchical network design for building a company's campus network as shown. What are three advantages of this approach? (Choose three.)

- A. offers a hierarchy in which all layers share similar roles
- B. offers a hierarchy in which each layer has a specific role

- C. offers a modular topology with segregated building blocks
- D. offers a flat topology with integrated building blocks
- E. promotes a network virtualization traffic pattern
- F. creates small fault domains with clear demarcations and isolation

Correct Answer: BCF

QUESTION 10

Which two are configuration elements selected during initial setup of the Cisco Nexus 7000 Series Switches? (Choose two.)

- A. Telnet bits
- B. SNMPv3 community strings
- C. VDC mode
- D. Default interface layer
- E. Default interface state
- F. CoPP

Correct Answer: DE

QUESTION 11

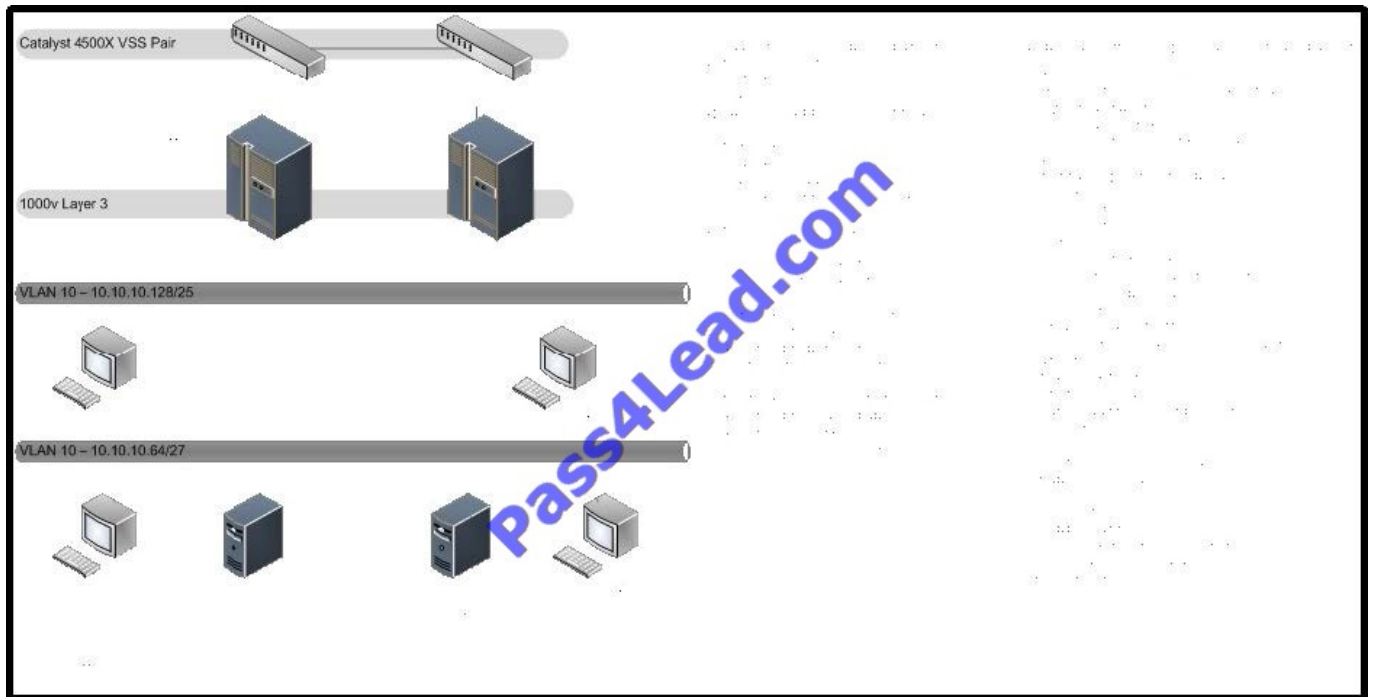
Which five Cisco Nexus 1000V Series Switch features exceed the functionality of the VMware vNetwork Distributed Switch? (Choose five.)

- A. private VLANs
- B. port state migration
- C. access control lists
- D. port security
- E. SPAN
- F. ERSPAN
- G. QoS marking

Correct Answer: CDEFG

QUESTION 12

Refer to the exhibit.



An engineer is presented with a VMWare ESX cluster consisting of two VMWare ESX hosts running Nexus 1000v. The guest system inventory consists of 100 static virtual desktops. What change will permit all 100 guests to be online at the same time?

- A. increase the global max-ports setting in the Nexus 1000v
- B. increase the max-ports setting for the VLAN 10
- C. increase the max-ports setting for both VLAN 10 and 20
- D. increase the subnet size for VLAN 10 on the 4500x core
- E. remove the port channel configuration from the 1000v host uplink port-profile

Correct Answer: B

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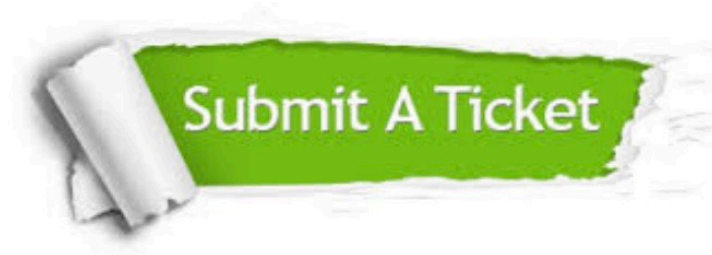
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