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**Vendor:**VMware

**Exam Code:**1V0-604

**Exam Name:**Network Virtualization Fundamentals  
Exam

**Version:**Demo

### QUESTION 1

Which two vSphere virtual networking components provide options for VLAN settings? (Choose two.)

- A. Virtual Switches
- B. Virtual Machine Port Groups
- C. VMkernel Ports
- D. Uplink Ports

Correct Answer: AB

Reference: <https://www.vmware.com/files/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf>

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### QUESTION 2

In the NSX architecture, what key technology is used to decouple the physical network layer from the virtual infrastructure?

- A. Network Hypervisors
- B. VPNs and Edge Gateways
- C. Virtual Switches
- D. Overlays such as VXLANs

Correct Answer: A

Reference: <https://www.vmware.com/files/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf>

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### QUESTION 3

You have been asked to identify what hardware can be reduced in a network design that uses VLANs compared to one that does not. Which two components are valid responses? (Choose two.)

- A. Servers
- B. Cables
- C. Switches
- D. Firewalls

Correct Answer: BC

### QUESTION 4

A colleague asks you to explain how NSX provides DHCP, NAT, VXLAN and VPN Services. Which statement correctly explains how these services are delivered?

- A. NSX installs a service driver in each ESXi host to provide these services.
- B. NSX Manager is used to manage virtual appliances that deliver these services.
- C. NSX is installed as a vCenter Server plugin and vCenter Server then delivers these services.
- D. NSX simply activates these features on vSphere Distributed Switches.

Correct Answer: B

Reference: <https://www.vmware.com/files/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf>

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#### QUESTION 5

Within the NSX architecture, how is the NSX distributed firewall deployed?

- A. As a single separate virtual appliance
- B. It is embedded in the VMkernel
- C. As a virtual appliance on every ESXi host
- D. It is installed onto the vCenter Server

Correct Answer: C

Reference: <https://www.vmware.com/files/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf>

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#### QUESTION 6

Your organization still deploys and manages applications on a physical network and is considering moving to a virtualized network. What are two advantages of deploying applications on a virtual network? (Choose two.)

- A. Built in operability
- B. Built in cost control
- C. Built-in flexibility
- D. Built in scalability

Correct Answer: BD

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#### QUESTION 7

Which two statements accurately describe a virtual distributed switch? (Choose two.)

- A. Virtual distributed switch manages virtual machine traffic, while a virtual standard switch is required for ESXi kernel

traffic.

- B. Virtual distributed switch only forwards traffic between virtual machines and external networks.
- C. Virtual distributed switch can be configured with network configurations that span across all member hosts.
- D. Virtual distributed switch functions as a single network switch across all associated hosts.

Correct Answer: BD

Reference: [http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vcli.examples.doc%2Fcli\\_manage\\_networks.11.2.html](http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vcli.examples.doc%2Fcli_manage_networks.11.2.html)

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### QUESTION 8

How are virtual machines connected to the network?

- A. Virtual machines are configured with virtual NICs to connect to other virtual machines and physical NICs to connect to physical machines.
- B. Virtual machines have virtual NICs that are connected to virtual switches in order to connect to either virtual or physical networks.
- C. Virtual machines are configured with dedicated physical NICs that provide external network connectivity.
- D. Virtual networking automatically configures the networks required by a virtual machine.

Correct Answer: C

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### QUESTION 9

An analysis of an existing network environment has determined that the time it takes to configure physical network hardware is impacting the ability to quickly make changes to the environment. Which statement best compares the time required to make changes in physical and virtual network deployments?

- A. Both types of changes take roughly the same length of time.
- B. Physical network changes are eliminated in a virtual infrastructure.
- C. Physical network changes take less time.
- D. Virtual infrastructure changes take less time.

Correct Answer: B

Reference:

<https://www.vmware.com/files/pdf/products/nsx/VMware-NSX-Network-Virtualization-Platform-WP.pdf>

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### QUESTION 10

Which two NSX technologies can be used to integrate physical workloads into a software overlay? (Choose Two.)

- A. Distributed Logical Router
- B. Edge Services Gateway
- C. VXLAN Tunnel Endpoint
- D. Service Composer

Correct Answer: BC

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#### **QUESTION 11**

Which two components are required for a vendor application to integrate with NSX Service Composer? (Choose two)

- A. NSX Firewall credentials
- B. NSX Firewall IP address or FQDN
- C. NSX Manager IP address or FQDN
- D. NSX Manager credentials

Correct Answer: BC

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#### **QUESTION 12**

What must be added to Distributed Logical Router to allow routing to be carried out within the ESXi Kernel by the NSX routing module?

- A. The NSX Manager
- B. A Logical Switch
- C. An NSX Controller
- D. An Edge Service Gateway

Correct Answer: D

Reference: <https://www.vmware.com/files/pdf/products/nsx/vmw-nsx-network-virtualization-design-guide.pdf>

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