



**Vendor:** Citrix

**Exam Code:** 1Y0-A15

**Exam Name:** Engineering a Citrix Virtualization Solution

**Version:** DEMO

**QUESTION 1**

A Citrix Engineer should select XenServer in the 'To' field on the XenConvert welcome screen when she needs to convert a\_\_\_\_\_. (Choose the correct option to complete the sentence.)

- A. single volume of a physical disk to XenServer
- B. single volume on a physical disk to a bootable XVA XenServer virtual machine
- C. single volume on a physical disk to a XenServer template for import into XenCenter
- D. physical machine to an open virtualization format Package that can be imported into XenServer

**Answer: A**

**QUESTION 2**

Scenario: An engineer must convert a single volume of a physical disk on a physical machine to a virtualized instance in Citrix Xen Virtual Appliance format. The XenConvert 2.01 tool has been downloaded and the engineer has chosen to utilize the Tool's command line interface to perform the required conversions. The following is information about the current environment: Workload Name: Server 2003 Physical Volume: C:Destination Folder: N:misc Hostname: XenVA Username: root Password: Password 123 Which command must the administrator run in order to complete the required conversion?

- A. XenConvertCli P2Xva Server 2003 C:N:misc IE
- B. XenConvertCli P2Vhd Server2003 C:N:-misc XenVA
- C. XenCovertCli P2XenServ Server 2003 N:misc root Password123IE
- D. XenConvertCli P2XenServer Server2003 C:N:miscXenVA root Password123IE

**Answer: A**

**QUESTION 3**

The information in the table in the attached exhibit was gathered from XenCenter to monitor XenServer resource consumption. Based on the information in the table, which two methods could an engineer use to resolve a potential bottleneck? (Choose two.)

Click the Exhibit button to view the table.

- A. Using XenMotion, move a virtual machine from XSXen03 to XSXen02 to free up memory on XSXen01.
- B. Using XenMotion, move a virtual machine from XSXen01 to XSXen02 to free up memory on XSXen01.
- C. Using XenMotion, move a virtual machine from XSXen03 to XSXen02 to free up CPU cycles on XSXen03.
- D. Using XenMotion, move a virtual machine from XSXen03 to XSXen04 to free up CPU cycles on XSXen03.
- E. Using XenMotion, move a virtual machine from XSXen04 to XSXen02 to free up CPU cycles on XSXen04.

**Answer: BD**

**QUESTION 4**

Which action must a Citrix Engineer make to use a Private Root Certificate with the Client for Java Version 9.x when securing connections to XenApp resources?

- A. Enable Secure ICA .
- B. Install the Java client on each client device.
- C. Turn on the EnableLegacySupport parameter.
- D. Install the root certificate on the firewall, if one exists.
- E. Import the root certificate into the Java keystore on each client device.

**Answer: E**

### QUESTION 5

Scenario: Nether Tech Inc.'s Research and Development team wishes to upgrade the security around its research information. The Citrix Architect recommends the implementation of smart card technology at Nether Tech Inc.'s research and development facility in order to implement two-factor authentication. Which two types of smart cards are compatible with XenDesktop? (Choose two.)

- A. Contact Smart Card
- B. Proximity Smart Card
- C. Common Access Card
- D. USB Smart Card Token

**Answer:** CD

### QUESTION 6

Scenario: Nether Tech Inc. needs to meet the highest security standards to satisfy regulatory requirements. Secured connections between published desktop and endpoints, as well as published applications and the Web Interface need to be implemented. The Citrix Engineer needs to implement the XenDesktop, XenApp and the Web Interface infrastructures in Nether Tech Inc.'s environment. What are four XenDesktop best practices that should be considered? (Choose four.)

- A. Protect all computers with personal firewalls.
- B. Set up SSL access for the Web Interface site.
- C. Protect all computers with perimeter firewalls, including those at enclave boundaries as appropriate.
- D. Ensure the perimeter firewalls are NOT repositioned when the conventional environment is migrated to XenDesktop.
- E. Ensure secure communication between endpoint devices and desktops by using the Citrix ICA client and setting the encryption level to basic.
- F. Ensure secure communication between endpoint devices and desktops by using the Citrix ICA client and setting the encryption level to 128bit.

**Answer:** ABCF

### QUESTION 7

Scenario: A Citrix Engineer is considering making a change to the design document in order to allow the alternate address of the XenApp server to be given to a particular set of client devices when users attempt to access published applications. What are three settings that the Citrix Engineer must configure in order to use the alternate address of the XenApp servers for the particular set of client devices? (Choose three.)

- A. Enable the spanning tree protocol.
- B. Configure port forwarding on the managed switches.
- C. Configure the firewall for network address translation.
- D. Configure the XenApp Servers with an alternate address.
- E. Specify the MAC address of the client devices that should receive the alternate address.
- F. Specify the IP Address and Subnet Mask for each of the client devices that the users will connect from.

**Answer:** CDF

### QUESTION 8

When completed, Nether Tech Inc.'s environment will consist of XenDesktop and XenApp resources. The engineer has configured alternate address translation on the XenApp servers and the Web Interface to use alternate address access method. What will happen if the Citrix Engineer configures alternate address translation when securing the traffic between the Web Interface and the client devices?

- A. The Java client will fail.
- B. Users will NOT be able to access XenApp streamed applications.
- C. External users will NOT be able to access XenDesktop virtual desktops.
- D. The XML transport will have to be changed to SSL Relay in order to access the desktops.
- E. Internal users will have to connect through the XenApp servers using the alternate address.

**Answer: C**

**QUESTION 9**

Scenario: The new design document for Nether Tech Inc.'s environment requires the creation of a new desktop group with an HTTPS address type for the XenServer pool master logon page. In order to secure communication between the Desktop Delivery Controller and XenServer, the design document recommends the engineer replace the default SSL certificate installed with XenServer with one from a trusted certificate authority. The name of the XenServer host is XS01. Which two commands must the engineer use to generate a certificate request on the XenServer host using the XenServer console? (Choose two.)

- A. `opensslgenrsa -out XS01.private 2048`
- B. `opensslgeneratereqsa -out XS01.private 2048`
- C. `opensslreq -new -outform PEM -out XS01.request -keyform PEM -key XS01.private -days 365`
- D. `openssl request -new -outform PEM -out XS01.request -keyform PEM -key XS01.public -365days`

**Answer: AC**

**QUESTION 10**

What should the Citrix Engineer enable when configuring server communication between the Web Interface and XenApp or XenDesktop in order to allow smart card logon?

- A. SSL/TLS
- B. URL redirect
- C. IMA Encryption
- D. Two-factor authentication

**Answer: A**