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Exam : 1Y0-A15

**Title : Engineering a Citrix
Virtualization Solution**

Version : DEMO

1.

Scenario: Nether Tech Inc. administrators have provided their on-site engineer a formal change request for the addition of SmartAuditor to the current rollout plan. The Nether Tech Inc. administrators want to leverage SmartAuditor to improve technical support, specifically to resolve end-user problems faster.

How should the engineer approach this change request according to best practices?

Click the Task button to place the steps in the correct order. Click the Exhibit button for instructions on how to complete a Drag and Drop item.

Task

Place the steps the engineer should take to process the change request in the correct order. Click the Done button when finished.

Conduct a full system test and scalability testing.	Place Step 1 Here
Pilot the change request implementation.	Place Step 2 Here
Document the technical details of the change request.	Place Step 3 Here
Rollout into production.	Place Step 4 Here
Implement the change in a test environment.	Place Step 5 Here

Done

Answer:

Place the steps the engineer should take to process the change request in the correct order. Click the Done button when finished.

Conduct a full system test and scalability testing.	Document the technical details of the change request.
Pilot the change request implementation.	Pilot the change request implementation.
Document the technical details of the change request.	Conduct a full system test and scalability testing.
Rollout into production.	Implement the change in a test environment.
Implement the change in a test environment.	Rollout into production.

Done

2. Which three items are risks that a Citrix Enterprise Engineer should be aware of during the implementation phase of a XenApp project? (Choose three.)

- A. Improper load evaluator configuration
- B. Inconsistent server naming convention
- C. Improper terminal server profile design
- D. Inconsistent user account naming convention
- E. Mixed brands of user devices running XenApp Plugin

F. Inconsistent set of printer drivers across the environment

Answer: ACF

3. Scenario: After gathering basic requirements from Nether Tech Inc. administrators and IT personnel, an engineer must decide whether a virtual or physical implementation is best suited for the environment. Several key requirements are listed below.

Peak time is gam; approximately 4,000-4,500 logon attempts will be made then.

Most users will have the same core applications such as Microsoft Office and Adobe Reader.

Some custom applications need to be updated quarterly.

Remote users and traveling field agents will need secure remote access to the environment.

Several applications in the environment CANNOT co-exist together.

Some applications will NOT run on an application server.

Based on these requirements, which kind of implementation should the engineer recommend?

- A. A virtualized implementation that leverages XenOesktop Platinum
- B. A physical server farm that leverages XenApp on physical servers
- C. A physical server farm that leverages XenApp and Provisioning Services
- D. A virtualized server implementation that leverages XenServer and XenApp

Answer: A

4. Scenario: The new design document for Nether Tech Inc.'s environment calls for the inclusion of several new Citrix products in addition to XenApp. XenServer will be implemented as the virtualization platform. Provisioning Services will be used to rapidly provision desktop and server images. XenOesktop will be used to publish and manage client desktops. Nether Tech Inc.'s existing environment consists of a DHCP server, a DNS server, a domain controller, several managed switches with spanning tree protocol and several routers.

Which modification should the Citrix Engineer recommend from a networking standpoint in order for all of the new Citrix products to be highly optimized?

- A. Enable task offload on the virtual machine.
- B. Place each Citrix component in its own subnet.
- C. Configure the DHCP server to use ports 60 and 67.
- D. Enable the spanning tree fast link (PortFast) option on all Provisioning Services switch ports.

Answer: D

5. Scenario: The new design document for Nether Tech Inc. requires that the Citrix Engineer perform the following:

1. Upgrade from Presentation Server 4.0 to XenApp 5.0 for Windows Server 2008.
2. Integrate the XenApp 5.0 environment with the existing XenDesktop solution, which includes Provisioning Services.

The engineer has successfully completed the upgrade to XenApp 5.0 for Windows Server 2008 and must now implement the second stage of the design by integrating the XenApp 5.0 farm into the XenDesktop environment so that published applications can be accessed from within the XenDesktop virtual desktops.

The engineer has just created a XenApp Services Web Interface site that enumerates applications from the XenApp 5.0 farm.

Which additional steps must the engineer take to integrate the existing XenApp 5.0 farm into the XenDesktop environment?

Click the Task button to drag and drop the steps in the correct order. Click the Exhibit button for instructions on how to complete a Drag and Drop item.

Drag and drop the steps that the engineer must take to integrate the existing XenApp 5.0 farm into the XenDesktop environment.

Click the Done button when finished.

Install and configure XenApp Plugin for Hosted Applications and XenApp Plugin for Streamed Applications on the target device.

Place the new vDisk in Standard Access Mode.

Reboot all virtual desktops so they receive the updated vDisk.

Assign a copy of the vDisk to a target device, set the image mode of the vDisk to 'Private Access Mode' and boot the target device.

Create a copy of the existing vDisk used by virtual desktops in Provisioning Services.

Assign the new vDisk to all virtual desktops.

Build image and then shut down the target device.

Place Step 1 Here

Place Step 2 Here

Place Step 3 Here

Place Step 4 Here

Place Step 5 Here

Place Step 6 Here

Place Step 7 Here

Done

Answer:

**Drag and drop the steps that the engineer must take to integrate the existing XenApp 5.0 farm into the XenDesktop environment.
Click the Done button when finished.**

Install and configure XenApp Plugin for Hosted Applications and XenApp Plugin for Streamed Applications on the target device.
Place the new vDisk in Standard Access Mode.
Reboot all virtual desktops so they receive the updated vDisk.
Assign a copy of the vDisk to a target device, set the image mode of the vDisk to 'Private Access Mode' and boot the target device.
Create a copy of the existing vDisk used by virtual desktops in Provisioning Services.
Assign the new vDisk to all virtual desktops.
Build image and then shut down the target device.
Create a copy of the existing vDisk used by virtual desktops in Provisioning Services.
Place the new vDisk in Standard Access Mode.
Reboot all virtual desktops so they receive the updated vDisk.
Assign the new vDisk to all virtual desktops.
Assign a copy of the vDisk to a target device, set the image mode of the vDisk to 'Private Access Mode' and boot the target device.
Install and configure XenApp Plugin for Hosted Applications and XenApp Plugin for Streamed Applications on the target device.
Build image and then shut down the target device.
Done

6. Scenario: The engineer at Nether Tech Inc. is assigned an implementation of Provisioning Services for delivery of images to its XenApp servers and XenDesktop workstations. The architect has created the design for the Provisioning Services environment and took the following design decisions:

One Provisioning Services farm will be created: PVSFARM.

Two Provisioning Services servers will be configured with HA: PVS01 and PVS02. One site will be configured: Nether Tech Inc.

Two device collections will be configured: one for XenApp servers and one for XenDesktop devices. A central store will be defined and located on the SAN and all vDisks will be added to this store. Online and offline applications will be used to minimize changes to the vDisk.

A specified user account will be used for Provisioning Services service account. The TFTP service will be installed on PVS01.

DHCP will be configured with options 66 and 67 to point to PVS01.

An Active Directory group policy object will be configured and linked to the XenApp and XenDesktop organizations units to disable Active Directory Machine Account Password Management.

What will be a risk for the new environment based on the design decisions from the architect?

- A. There is only one store configured for both XenApp and XenDesktop.
- B. TFTP via DHCP is being used and TFTP is only installed on PVS01.
- C. The PXE service is NOT being used to provide boot information to target devices.
- D. The target devices for XenApp and XenDesktop are in separate device collections.

Answer: B

7. Which two statements highlight risks that a Citrix Engineer should investigate and potentially resolve when implementing a XenApp environment? (Choose two.)

- A. A custom load evaluator is being used with several application silos.
- B. A separate zone within the production farm is being used for testing.
- C. XML traffic from the Web Interface to the XML Brokers is being encrypted.
- D. A Citrix policy exists that effectively disables users from installing drivers over ICA sessions in the environment.
- E. Users in the Nether Tech Inc. environment have the ability to install printer drivers on the XenApp servers through their ICA sessions.

Answer: BE

8. Scenario: Nether Tech Inc. is planning to implement Provisioning Services for deployment of images to their XenApp servers and XenDesktop workstations. The architect has created the design for the Provisioning Services environment, making the following design decisions for the Provisioning Services environment:

One Provisioning Services farm will be created: PVSFARM.

Two Provisioning Services servers will be installed and configured for High Availability: PVS01 and PVS02. One site will be created: Nether Tech Inc.

Two Device Collections will be configured: XenApp and XenDesktop.

A central store will be defined and located on the SAN; all vDisks will be added to this store. The local hard drive of the XenApp servers will be used to store the write cache.

TCP Large Send Offload will be enabled on the NICs.

A specified user account will be used as Provisioning Services service account.

Each Provisioning Services server will have four NICs; two teamed and connected with the "General use subnet" (per the design document) and the other two NICs, disabled.

An Active Directory group policy object (GPO) will be configured and linked to the XenApp and XenDesktop organizational units to disable Active Directory Machine Account Password Management.

Online and offline applications will be used to minimize changes to the vDisk.

Offline applications will be pre-deployed to desktops and XenApp servers for faster access to the applications by users.

According to the design decisions from the architect, which decision does NOT follow best practices?

- A. One site will be created.
- B. TCP Large Send Offload will be enabled on the NICs.
- C. The local hard drive of the XenApp servers is used to store the write cache.
- D. Online and offline applications will be used to minimize changes to the vDisk.
- E. Offline applications will be pre-deployed to desktops and XenApp servers for faster access to the application by users.

Answer: B

9. Scenario: A Citrix Enterprise engineer is tasked with deploying XenDesktop pooled desktops for an insurance company with 10 remote users using Provisioning Services. The design document requires write cache to use RAM for better performance. The engineer determines that the target device does NOT have enough memory to support the write cache, but there is NO option to add more RAM.

The engineer's recommendation should be to change Provisioning Services vDisk . (Choose the correct phrase to complete the sentence.)

- A. access mode to Private Image
- B. access mode to Difference Disk Image
- C. cache type to Cache on device HD in Private Image Access Mode
- D. cache type to Cache on device HD in Standard Image Access Mode

Answer: D

10. Scenario: A Citrix Engineer implementing the new virtualization design for Nether Tech Inc. must configure XenApp for dynamic delivery by using Provisioning Services. Provisioning Services already

exists in the environment; however, due to company policies, neither using DHCP nor modifying the DHCP scope options to include options 66 and 67 or using PXE are possible.

Which configuration method should the engineer recommend in order for the virtual XenApp servers to boot from their assigned vDisk?

- A. TFTP Service
- B. iSCSI from SAN
- C. iSCSI Device Manager (iDM)
- D. Static IP Address Assignment

Answer: C