

Citrix

Exam Questions 1Y0-312

Citrix Virtual Apps and Desktops 7 Advanced Administration



NEW QUESTION 1

Which two statements are true regarding the Citrix App Layering Management Console? (Choose two.)

- A. It is only supported as an on-premises solution for Citrix App Layering.
- B. It is used to manage system settings for Citrix App Layering.
- C. It is used to add layered images into Citrix Studio.
- D. It is a web-based console that runs on the Enterprise Layer Manager (ELM) server.
- E. It coordinates all communications within the Citrix App Layering environment.

Answer: BD

Explanation:

<https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/app-layering.html>

NEW QUESTION 2

Scenario: A Citrix Engineer configured two Sites: Production and Disaster Recovery. During an outage in the Production Site, the Virtual Delivery Agent (VDA) registration in the Disaster Recovery Site has failed.

What are two possible causes for this issue? (Choose two.)

- A. TCP port 443 is NOT open between the VDA and Delivery Controllers on the Disaster Recovery Site
- B. The VDA is configured with a GPO to register with the Delivery Controllers from the Production Site
- C. The Delivery Controllers were set manually during VDA configuration and point to the Production Site
- D. The Delivery Controllers in the Disaster Recovery Site were NOT able to contact the Delivery Controllers in the Production Site to complete the registration process

Answer: AD

NEW QUESTION 3

Scenario: An organization has two Citrix Virtual Apps and Desktop Sites; Site A and Site B. Both Sites have their own StoreFront and Citrix ADC. The resource group is placed in Site B. A user from Site A tries to logon and launch an application from Site B.

The enumeration will occur through StoreFront Site and the application launch will occur through Citrix ADC Site when Optimal Gateway routing is configured.

- A. B; A
- B. A; A
- C. B; B
- D. A; B

Answer: D

NEW QUESTION 4

Which two considerations are accurate regarding the Process Management feature of Workspace Environment Management (WEM)? (Choose two.)

- A. When WhiteList is enabled, any process NOT added to the BlackList will be automatically whitelisted
- B. When using exclusions for either Local Administrators or Specified Groups, it is available for ProcessBlacklist, but NOT for Process WhiteList
- C. When WhiteList is enabled, any process NOT added to the WhiteList will be automatically blacklisted
- D. When adding application processes to either the BlackList or the WhiteList, they need to be designated by the full executable name

Answer: CD

NEW QUESTION 5

Scenario: A Citrix Engineer needs to integrate the current Citrix Gateway with the StoreFront servers. During the wizard setup, the engineer was asked to add two Secure Ticket Authority (STA) servers as Citrix leading practice for high availability.

The engineer should add two servers as STA servers to accomplish this.

- A. Delivery Controller
- B. StoreFront
- C. Citrix Cloud Connector
- D. Domain Controller

Answer: C

NEW QUESTION 6

Scenario: A Citrix user is accessing a Windows 10 VDI machine using a personal laptop. The VDI is becoming unregistered frequently, which is making it difficult for the user to access it. In order to troubleshoot the issue, a Citrix Engineer is assigned to collect CDF logs.

On which two components should the engineer run Citrix Diagnostic Facility (CDF) control to capture the required logs? (Choose two.)

- A. Windows 10 VDI
- B. Delivery Controller
- C. StoreFront server
- D. User's personal laptop

Answer: AB

Explanation:

<https://support.citrix.com/article/CTX224308>

NEW QUESTION 7

A SQL Database Administrator has been asked to create a backup policy for the Citrix Virtual Apps and Desktops databases. Which three SQL databases does a SQL Database Administrator need to back up for a Citrix environment? (Choose three.)

- A. Monitoring database
- B. Site database
- C. Configuration Logging database
- D. License Server database
- E. Subscription database

Answer: ABC

NEW QUESTION 8

Which two statements are true when Citrix App Layering is used with Citrix Virtual Apps and Desktops? (Choose two.)

- A. Citrix App Layering offers all the same functionality as Citrix Provisioning (PVS).
- B. Citrix App Layering simplifies application deployments and updates.
- C. Citrix App Layering reduces management of multiple golden images.
- D. Citrix Machine Creation Services (MCS) catalogs can be updated within the Citrix App Layering Management console.

Answer: BC

Explanation:

<https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/app-layering.html>

NEW QUESTION 9

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps environment. The engineer has recently noticed two single-threaded applications consistently consuming 25% of the CPU resources, causing substantial performance issues for users of these servers. The engineer has deployed Workspace Environment Management (WEM) within the infrastructure and enabled CPU Spikes Protection. What else can the engineer enable within WEM to address this issue?

- A. Exclude Specified Processes and add the two problem applications
- B. Process Affinity and add the two problem applications
- C. CPU Clamping and set it to 10% for the two problem applications
- D. Limit Sample Time and set it to 10% for the two problem applications

Answer: C

NEW QUESTION 10

A Citrix Engineer is taking over the management of an environment in which non-persistent machines were deployed with Workspace Environment Management (WEM) Agent. Which two statements are true for this environment? (Choose two.)

- A. The Agent would need to contact the Infrastructure Service after restart to gather cache data again
- B. The cache is lost at each restart without a persistent disk
- C. The environment is NOT supported because the usage of a persistent disk is mandatory when using WEM
- D. The WEM Agent applies real time updates only when the persistent disk is used

Answer: AB

NEW QUESTION 10

Which database high availability option does Citrix recommend for Workspace Environment Management (WEM)?

- A. Always On
- B. Mirroring
- C. Replication
- D. Clustering

Answer: A

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/system-requirements.html#sq>

NEW QUESTION 14

Which three pre-requisites should a Citrix Engineer take into consideration when configuring Smart Card authentication in the Citrix Virtual Apps and Desktops environment? (Choose three.)

- A. Install the vendor's Smart Card middleware on the virtual or physical machines running the Virtual Delivery Agent (VDA) that provide user's desktops and applications.
- B. Enable pass-through with Smart Card authentication to ensure Smart Card readers type, middleware type and configuration, and middleware PIN caching policy permit this.
- C. Enable a two-way trust relationship with the StoreFront server and the domain.
- D. Ensure that the public-key infrastructure (PKI) is configured appropriately.
- E. Ensure that Domain Passthrough authentication for the Store is on the StoreFront server.

Answer: ACD

Explanation:

<https://docs.citrix.com/en-us/storefront/1912-ltsr/configure-authentication-and-delegation/configure-smart-card>.

NEW QUESTION 17

Which command can a Citrix Engineer use to get information about a Citrix Virtual Apps and Desktops setup?

- A. Get-BrokerSite
- B. Get-BrokerController
- C. Get-BrokerDesktop
- D. Get-BrokerSession

Answer: A

Explanation:

<https://developer-docs.citrix.com/projects/delivery-controller-sdk/en/latest/Broker/Get-BrokerSite/>

NEW QUESTION 22

Scenario: A newly created Citrix Virtual Apps and Desktops site has sensitive information. The users consistently use different browsers for their daily tasks. A Citrix Engineer is looking for ways to minimize attacks like ransomware, phishing, and session hijacking.

Which two steps can the engineer take to minimize attacks without interfering with user productivity? (Choose two.)

- A. Disable access to specific browsers.
- B. Disable all the user plugins.
- C. Implement HTTP Strict Transport Security (HSTS).
- D. Use HTTP response headers to send security policies to endpoint browsers.

Answer: BC

Explanation:

https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html

NEW QUESTION 25

Scenario: A large company recently acquired a smaller company. A Citrix Engineer needs to add more resources in the environment, so that all users can access the published resources.

The engineer has planned to add six more StoreFront servers to the existing StoreFront server group with four StoreFront servers.

The engineer found that the scalability declined after reaching the seventh StoreFront.

What should the engineer increase in the StoreFront server group to prevent issues in the scalability?

- A. The RAM for the initial StoreFront servers before adding more servers.
- B. The CPUs allocated to the initial StoreFront servers, before adding more servers.
- C. The RAM for the six new StoreFront servers.
- D. The CPUs allocated for the six new StoreFront servers.

Answer: B

NEW QUESTION 28

Scenario: There are two domains in an organization: Domain A and Domain B. A Citrix Engineer configured SAML authentication for Domain A, without implementing Citrix Federated Authentication Service (FAS).

While launching the Citrix apps, the Single Sign-on will.

- A. work for users from Domain A and NOT for users from Domain B
- B. work for users from Domain B and NOT for users from Domain A
- C. work for the users from Domain A and Domain B
- D. NOT work for the users from Domain A and Domain B

Answer: B

Explanation:

"With SAML, Citrix Gateway and StoreFront do not have access to the user's password and thus cannot perform single sign-on to the VDA. FAS works around this limitation by using issuing certificates that can be used to logon to the VDA." - Reference:

<https://www.carlstalhood.com/citrix-federated-authentication-service-saml/>

NEW QUESTION 30

How can a Citrix Engineer restrict end user access to an ICA file?

- A. Disable unneeded HDX channels and redirections
- B. Use HTML5 Receiver
- C. Place the StoreFront URL in the Intranet zone
- D. Restrict Control Panel access and functionality

Answer: A

NEW QUESTION 32

Scenario: An existing setup of session recording has stopped working. After investigating, a Citrix Engineer finds that the Session Recording Agent cannot connect to the Session Recording Server. The following error is displayed:

"The underlying connection was closed. Could not establish a trust relationship for the SSL/TLS secure channel. "

Which two issues could cause this error? (Choose two.)

- A. The Session Recording server is down or unavailable to accept requests.
- B. The sessions are started but a request for a record policy evaluation was NOT made.
- C. The server hosting the Session Recording Agent does NOT have a CA certificate.
- D. The Session Recording server is using a certificate signed by a CA that the server hosting the Session Recording Agent does NOT trust.

Answer: CD

Explanation:

"The underlying connection was closed. Could not establish a trust relationship for the SSL/TLS secure channel. This exception means that the Session Recording Server is using a certificate that is signed by a CA that the server on which the Session Recording Agent resides does not trust, or have a CA certificate for. Alternatively, the certificate might have expired or been revoked."

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/monitor/session-recording/troubleshooting.html>

NEW QUESTION 33

Scenario: A Citrix Engineer is managing a large Citrix Virtual Apps and Desktops environment with three sites. Users connecting to applications and VDI machines in these sites are using a common Citrix ADC Gateway. The engineer wants to configure peripheral federation and port redirection policies for secure access to the site resources.

Which feature should the engineer use to configure policies centrally only once and avoid configuring them on each site?

- A. SmartAccess
- B. SmartCheck
- C. SmartTools
- D. SmartControl

Answer: D

Explanation:

<https://docs.citrix.com/en-us/netscaler-gateway/12/integrate-web-interface-apps/smart-control.html>

NEW QUESTION 34

A Citrix Engineer needs to return an environment back to normal operations after a Disaster Recovery (DR) occurred.

Which two tasks does Citrix recommend to move the users from the backup datacenter to the primary datacenter? (Choose two.)

- A. Terminate existing user sessions.
- B. Block access to the Disaster Recovery datacenter.
- C. Enable access to the primary datacenter.
- D. Block access to the primary datacenter.
- E. Enable access to the Disaster Recovery datacenter.

Answer: BC

NEW QUESTION 36

Scenario: A Citrix Engineer is working on an existing Citrix Virtual Apps and Desktops environment with two Delivery Controllers each in Primary zone and Secondary zone located in two different datacenters respectively. Due to an outage in the Primary zone datacenter, both Delivery Controllers in the Primary zone failed to start.

Which three statements will be true in this scenario? (Choose three.)

- A. Site performance will increasingly degrade until the Delivery Controllers in the Primary zone become available.
- B. Connections to Virtual Delivery Agent (VDA) machines in the Secondary zone cannot be made.
- C. Studio cannot connect to the site.
- D. Connections to Virtual Delivery Agent (VDA) machines in the Primary zone cannot be made.
- E. Existing sessions in the Primary zone will be disconnected.

Answer: ACD

NEW QUESTION 41

When troubleshooting authentication issues through Citrix Gateway, the raw event output from the audit daemon can be reviewed in the.

- A. ns.log
- B. aaad.debug module
- C. Wireshark trace
- D. nsvpn.log

Answer: B

NEW QUESTION 45

Which two considerations should a Citrix Engineer be aware of when creating application layers with Citrix App Layering? (Choose two.)

- A. Windows and Application updates should be turned off.
- B. Applications should be installed onto the packaging machine from an ISO or a fileshare location.
- C. There is no support for applications that require prerequisites in order to operate.
- D. Install the appropriate hypervisor tools on the packaging machine at the same time the applications are installed.
- E. Cross-talk between application layers is NOT supported after they are published in Citrix App Layering.

Answer: AB

Explanation:

<https://support.citrix.com/article/CTX225371>

- Install apps from a share or an ISO versus downloading them to the desktop to keep layer size to a minimum.
- Turn off automatic updates for applications. If automatic updates are left on, the updates will be put into the personalization layer. -- If this happens, you can use the "reinstall" feature to take back control of the application, and clearing the personalization layer of these conflicts/updates. - When installing an application that requires being part of a domain, it is ok to add the installation machine to the domain. -- After installing the application, remove the installation machine from the domain. -- Clean up the left over computer object in active directory - Installation machines can be added to View pools. Remember to remove them before finalizing the layer. This will prevent View certificate information from being saved in the layer.

NEW QUESTION 47

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment with both internal and external users and has deployed Workspace Environment Management (WEM) within the infrastructure to provide resources to users within their sessions. The engineer has recently added a network printer to WEM under the Actions node, using the New Network Printer dialog tab, and wants to limit this printer usage to internal Citrix users, as shown below:

- > Internal users utilize Windows 10 only
- > External users Windows 10 and Windows 2016 machines
- > The server network IP address range is from 192.168.10.1 to 192.168.10.200
- > The external users are on a public domain
- > The Everyone group has already been added to the Assignments node within the WEM console

The engineer needs to create a Condition based on from within the Filters node and the Matching Result field within WEM to complete this task.

- A. OS Platform type; select Windows 10 from
- B. Client IP Address Match; add the IP address range 192.168.20.50 to 192.168.20.90 to
- C. IP Address Match; add the IP address range 192.168.10.1 to 192.168.10.200 to
- D. Client OS; select Windows 10 from

Answer: B

NEW QUESTION 52

Which two statements are true regarding the Application Security feature of Workspace Environment Management (WEM)? (Choose two.)

- A. It is recommended to NOT use both WEM Application Security and Windows AppLocker interfaces at the same time to manage rules.
- B. Application Security rules set to "Audit" are still enforced.
- C. Exported Windows AppLocker rules CANNOT be imported into WEM.
- D. It provides control over which applications users are permitted to run on a given machine.

Answer: AD

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/service/user-interface-description/security.ht>

NEW QUESTION 54

Which delegated administrator permission does a Citrix Engineer need to select to allow an administrator the ability to allocate resources to users and groups?

- A. Transformer Manager
- B. Action Manager
- C. System Utilities Manager
- D. Assignment Manager

Answer: D

NEW QUESTION 59

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