Citrix Job Interview Questions And Answers

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Citrix Interview Questions And Answers Guide.

Question - 1:

Can you please explain what are the effective uses of Citrix?

Ans:

- Users can gain access to remote systems by configuring dial up settings.
- Users can backup data on the remote drive from their workstations.
- Microsoft Outlook accessibility is faster for dialup users
- Cloud computing is made effective using Citrix
- Allows maintaining virtualization to manage virtual data centers and maintain virtual work styles.

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Question - 2:

Please tell us what is the need of Data Store?

Ans:

- Data Store is a database which contains all the configuration information required by the Citrix Farm.
- Changes can be made at any time to the Meta Frame Server.
- These changes are persisted in the Data Store.
- Data store will store the following information:
1. Server Configuration.
2. User Configuration.
3. Print Environment.
4. Published Application

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Question - 3:

Do you know how does Citrix work?

Ans:

- To work with Citrix, install the Terminal Services of OS.
- Citrix allows multiple users to execute multiple applications on its server.
- At the time of running the applications, the screen shots are sent to the client system.
- The keyboard inputs and mouse movements are sent to the Citrix Server.
- Then the accessibility to the applications is done by client.
- Citrix will back up the applications' data, if required by the client.

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Question - 4:

Can you please explain what are the ports associated with Citrix services?

Ans:

- Default ICA port is A: 1494.
- Default listening port for Citrix XML Service is 80.
- ICA : 1494.
- UDP port used for client broadcasting is 1604.
- IMA port numbers are 2512, 2513.
- CMC, SSL port number is 443.
- Server to SQL port is 1433.
- Port for Session Reliability is 2598.
- Port number for licensing is 27000.

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Question - 5:

Can you explain what is Local Host Cache (LHC) and what is the purpose of LHC?

Ans:

- The LHC is a name given to the MS Access database which is created on every local MPS server.
- It stores the partitions of the Data Store to keep the server function, when an outrage occurs.
- When the data store goes offline, the server will continue functioning normally
- The LHC database enables the data store functionality up to 48 hours.
- LHC will ensure the data accessibility that is pertinent locally, even though the database is not available.

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Question - 6:

Do you know what is Citrix?

Ans:

- Citrix is an application deployment system.
- Applications are delivered to remote systems.
- Using Citrix, one can access the customized applications.
- Citrix allows users to share documents among users.
- Emails can be accessed using citrix.
- Citrix allows file transfer from home computer to office computer.

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Question - 7:

Tell us what is the purpose of Zones?

Ans:

- Data collector persist information about user's session, Zones and published applications.
- A farm has subset known as Zone.
- Zone has various server members.
- One of the server members is Zone Data Collector.
- Communications is established among Zones using ZDCs.
- Zones are useful in traffic controlling.

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Question - 8:

Please tell us what are the services provided by Citrix?

Ans:

The services that are provided by Citrix are:
- Citrix Virtual Memory Optimization Service.
- Encryption Service.
- Citrix XTE Service.
- Independent Management Architecture.
- Citrix SMA Service (Switch Monitoring and Accessories).
- Secure Gateway Service.
- Diagnostic Facility Common Object Model (COM) Service.

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Question - 9:

Tell me what is the use of Independent Management Architecture?

Ans:

- IMA has a data store, a database to store MetaFrame XP configuration information.
- IMA has a protocol, to transfer the changing data between MetaFrame XP servers including server load and current user connections.
- IMA verifies the connections between Citrix Presentation Server and Citrix Management Console.
- Its architecture is separated from Windows Management Architecture.
- IMA is linked with Meta Frame Common Object Model (MF-COM) services.
- These links enables to remove individual servers from Citrix Management Console.

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Question - 10:

How to remove a dead server from the Citrix Management Console?

Ans:

- Execute the DSVERIFY SERVERS /CLEAN /FORCE for optimizing the Data Store.
- DSVerify can run on any of the server in the farm.
- MetaFrame feature release 3 has a command line tool known as DSCHECK.
- Use the following command using DSVerify command line tool:
--- DSCHECK / CHECK
- Or right click on the â€˜server in the farm' and click â€˜Remove Server from Farm'.
- Use this option when the servers no longer operational.

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Question - 11:

Can you please explain what is shadowing?

Ans:

- The Shadowing feature enables one user to join remotely to another user.
- One user can access the session of another user remotely.
By joining remotely, the user accessing another user, can diagnose or take technical support from the other user.

Question - 12:

Please explain XML Service of Citrix?

Ans:

- An interface for HTTP is provided as a service to the ICA browser.
- TCP packets are used by this XML Service.
- TCP in XML Service allows to work across many firewalls.
- The port that supports Citrix XML Service is 80.

Question - 13:

Please tell me what is load balancing in Citrix?

Ans:

- Load balancing is a feature that distributes client requests across servers for optimum utilization of the resources.
- In a real-time scenario, the services are provided to large number of clients from a limited number of servers.
- To reduce the load on servers, the system selects certain servers.
- These servers implements certain criteria to forward incoming requests.
- There are virtual servers that identifies the server using the load balancing criteria.
- When the client connects to the server, the virtual sersver terminates the connection and initiates a new connection with the selected server.
- The load balancing feature manages the traffic from layer 4 (TCP / UDP) to layer 7(FTP,HTTP)

Question - 14:

Tell me what is Speed Screen Latency Reduction?

Ans:

- SLR is built into MetaFrame Presentation servers and ICA client systems that provides users to experience smooth typing, where the latency is high between ICA client and the server.
- Smooth typing experience is provided while writing MS Word document, where the latency is 200 / 500 or even 1000ms of latency between them.
- Speed Screen Latency Reduction provides local text echo.
- This allows characters to be appeared on the ICA client device screen.
- After pressing a key, the ICA client sends the key press code to the server.
- The server processes the key sent, places the character into the screen buffer.
- Finally it sends the latest screen image to the client device.

Question - 15:

Do you have any idea about Citrix XML broker?

Ans:

- It functions as an intermediary between the farm and Web Interface.
- XML Broker receives the credentials of user from the Web Interface.
- XML Broker retrieves the applications which have user permissions to access.
- This is done by Independent Management Architecture and returns to the Web Interface.
- Once the user is authenticated, the XML broker locates the server in the farm.
- XML Broker returns the address of the service rendering server to the Web Interface.
- XMS Service functions between Web Interface and IMA service.

Question - 16:

Do you know how to implement policies to streamed applications?

Ans:

- Open the application profile with Streaming Profiler.
- Move to Target and click on Edit->Target Properties.
- Move to Rules Tab.
- Add an Ignore Registry rule that is similar to the description I CTX10352.
- The GPO's of the domain will be applied.
- Customize GPO configuration.

Question - 17:

Can you please explain how to see the LHC information?

Ans:

- The LHC information is available in the file imalhc.mdb.
- This file is available in c:program filescitrixindependent management architecture directory

Question - 18:

Tell me how to set the refresh time?

Ans:

- User the option "dsmaint recreatelhc" or "dsmaint refreshlhc" -> restart IMA.

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Question - 19:

Do you know what is the limit of refresh time for Local Host Cache in Citrix?

Ans:

- LHC refresh time is 30 minutes.
- LHC can be created when IMA is stopped.

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Question - 20:

Can you explain what are the differences between ICA and RDP?

Ans:

ICA â€" Independent Computing Architecture:
- Application publishing is supported by ICA.
- Low bandwidth is sufficient for ICA.
- Encryption is possible I ICA.
- Keyboard and Mouse inputs are present in ICA.
- ICA ensures session reliability.
RDP â€" Remote Desktop Protocol:
- RDP works only under TCP/IP.
- RDP does not support applications to run in a browser.
- Session reliability is not ensured by RDP.

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Question - 21:

Do you have any idea ICA file in Citrix?

Ans:

- ICA stands for Independent Computing Architecture.
- It contains published application information.
- ICA file has Windows â€˜ini' format.
- It is organized in such a way that MetaFrame Presentation Server Clients can interpret.
- ICA file will initialize a client's session running on the server.
- The MetaFrame Presentation Serverâ€˜s clients uses the ICA protocol for input formats and addresses the input to the server for further processing.

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Question - 22:

Explain the load evaluators are supported in Citrix?

Ans:

- CPU Utilization
- Memory Utilization
- IP Range
- Page Swap
- Page Faults
- Disk Data I/O
- Context Switches
- Scheduling
- User Application Load
- Server Application Load

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Question - 23:

What is Citrix Access Gateway?

Ans:

- CAG is a universal Secured Socket Layer Virtual Private Network appliance.
- It is a blend of best features of IPSec and SSL VPN.
- It allows easy access to the users and secure access to company.
- Any information resource can be gained by using CAG with secure, single point access, always-on features.
- Any firewall is supported for Citrix Access Gateway.
- Supports various types of applications, including IP telephony.
- Any application that is hosted on Citrix Presentation Server can be accessed in a secured manner.

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Question - 24:

What is RDP â€" Remote Desktop Protocol?

Ans:

RDP â€" Remote Desktop Protocol:
- RDP works only under TCP/IP.
- RDP does not support applications to run in a browser.
- Session reliability is not ensured by RDP.

Question - 25:

What is ICA?

Ans:

ICA â€" Independent Computing Architecture:
- Application publishing is supported by ICA.
- Low bandwidth is sufficient for ICA.
- Encryption is possible I ICA.
- Keyboard and Mouse inputs are present in ICA.
- ICA ensures session reliability.

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