

# **Citrix Xen Desktop Interview Questions And Answers Guide.**



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# Citrix Xen Desktop Job Interview Preparation Guide.

### Question # 1

Tell me what is the use and purpose of producing a desktop virtualization platform by Citrix?

#### Answer:-

Citrix has provided a platform that gives desktop virtualization and it delivers the desktop services and applications from anywhere to the users. It reduces the complexity and improves the security of the data. It provides a centralized place to manage the datacenter. It delivers high end experience for the user and provides high latency in the network. It offers reduced time for execution of the application and flexibility in the delivering customized desktops to both virtual and physical devices.

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### Question # 2

Please tell us what is the three phase approach to desktop virtualization?

#### Answer:-

The three phases provided by Citrix Xen is as follows:

â€¢ Assess: This is a phase where the user groups gets profiled and prioritized according to the applications they are using. The decision of ordering and user segments virtualization takes place.

â€¢ Design: in this stage a process to create a detailed design will be included using the networking concept. It will include active directory, storage and image manipulation. This will be the phase where all the requirements will be finalized before install.

â€¢ Deploy: In this stage the xen desktop virtualization will be installed, tested and deployed according to the design.

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### Question # 3

Please explain VDI facility in FlexCast Technology?

#### Answer:-

The term VDI was coined by Intel and stands for Virtualized Desktop Interface. It is a technology that enables the hosted OS virtualization that meets high graphics and performance requirements to use the local machine resources that can actually leverage desktop streaming through Virtual server. The more powerful is client, the better becomes quality of service.

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### Question # 4

Can you please explain does Citrix Xen Desktop work if its offline?

#### Answer:-

Citrix Xen Desktop works very well online as well as offline. Suppose the Xen Desktop streamed a desktop application on a client machine and suddenly the network is disconnected that does not allow further access to network. In this case the application streamed as a virtual desktop will run very well as if it has never been disconnected.

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### Question # 5

Tell us what you know about Single Instance Management?

#### Answer:-

A Single Instance Management is referred as a task to apply updates and packages just once that is on the images that are maintained by the administrators at Xen Server. This means less storage is required to handle desktop in datacenter. This provides easy to manage features to the maintainers or administrators of the IT departments.

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### Question # 6

Do you know what is the use of desktop virtualization?

#### Answer:-



## Citrix Xen Desktop Interview Questions And Answers

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Desktop virtualization provides optimizations techniques to deliver the applications, data and desktop environment to the users. It further provides the security by managing all the applications and desktop systems at one place. It manages and updates different static desktop images from one place and allows the customization of applications to provide high performance, security and portability to each user.

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### **Question # 7**

Tell me does Citrix Xen Desktop support global or public access?

**Answer:-**

Citrix Xen Desktop can be accessed globally from anywhere at any time and any device. This is actually an advantage of having a centralized server at location that serves to all the devices that can actually communicate to it and through minimal Citrix platform tools can actually stream a personally configured Desktop on the go.

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### **Question # 8**

Please explain some security features in Citrix Xen Desktop?

**Answer:-**

Citrix Xen Desktop comes with an integrated hardened SSL VPN with advanced, policy-based access control lets you give users encrypted access to desktops, applications, and valuable intellectual property from anywhere while eliminating the risk of data theft or loss. Centralized data control provides high security compliance.

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### **Question # 9**

Can you explain what issue does the NetScaler solves?

**Answer:-**

The Netscaler technology resolves issues of low speed internet and low bandwidth that needs to stream a desktop from a centralized server. This provides slow streaming compliance on the virtualization solution to provide optimum support and feature on the client machine.

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### **Question # 10**

Please explain what is Xen in Citrix Xen Desktop Solution and why is it there?

**Answer:-**

Xen is an open-source hypervisor that is somehow appealed to Citrix developers and Citrix Cloud services are based on further development of this hypervisors only. Xen being an open-source project has contributors from around the world. This is the only major open-source hypervisor that supports Dom-0. Thus it is the best choice for cloud developers till date.

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### **Question # 11**

Please tell me how desktop virtualization different from application virtualization?

**Answer:-**

Desktop virtualization provides the desktop operating system its environment and applications from the datacenter, whereas application virtualization only brings application from the datacenter.

Desktop virtualization brings only the desktop features not the application related to it, whereas application keep the desktop separate and bring only those applications that are required at a particular time. This way optimization and efficiency can be maintained.

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### **Question # 12**

Do you have any idea how does Citrix Xen Desktop help in enterprises?

**Answer:-**

Citrix Xen Desktop is a Desktop virtualization solution for business that need smart management of Desktops. Administrators need not manage applications individually on machines rather it can be done on the go with Citrix Xen Server, remotely. Citrix Xen Desktop enables the client machines to stream a live Desktop to the their machines through centralized Xen Server.

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### **Question # 13**

Please tell me does Citrix Xen Desktop application need to run on Local Desktop?

**Answer:-**

Citrix Xen Desktop need not run on a desktop but a client applet for desktop is required to be installed at client-side. The whole functionality is orchestrated through a centralized Server. The technology is simple and follows modern and virtualized client-server architecture. Thus it is a model of cloud computing architecture.

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### **Question # 14**

Do you know what are the different flavors available in Citrix Xen desktop addition?

**Answer:-**

Citrix xen desktop virtualization comes in different flavors and they are as follows:

1. Express edition- this is the edition which is a trial version and user can use it for 10 days. It has limitation as well on the usage.



2. VDI (virtual desktop interface) provides scalability and also virtual desktops using the client-server model.
3. Enterprise edition- it has all the tools available for customization and it is a cost-effective platform that provides flexibility, scalability and delivery of applications without any hassles.
4. Platinum edition- it is a complete package to deliver full performance monitor, Qos capabilities and services for end-to-end delivery. It has support for virtual desktop support.

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### Question # 15

Tell me choices of Hypervisors given in Citrix Xen Desktop are?

**Answer:-**

There are multiple choices of Hypervisors that comes along Citrix Xen Desktop solutions.

• XenDesktop on XenServer by Citrix

• XenDesktop on Hyper-V by Microsoft

• XenDesktop on V-Sphere by VmWare

These are the three major players in cloud computing solution industries and XenDesktop is supported by all three of them.

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### Question # 16

Can you please explain the difference between Citrix xen desktop virtualization and Xen server?

**Answer:-**

• Citrix xen server provides server virtualization that enables one platform to host multiple operating system, whereas citrix xen desktop provides desktop virtualization that enables many operating systems to be shared in the datacenter.

• Citrix xen server allow the utilization of the server to be maximum, whereas citrix desktop virtualization allows better performance and efficiency as it is controlled and managed from one place.

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### Question # 17

Please tell me how citrix xen fulfill the requirements produced by desktop virtualization?

**Answer:-**

Citrix xend virtualization provides a single solution for desktop virtualization that gives on demand services for desktop and other applications. It allows the user to securely deliver the resources through the web to PCs and to the client area with high end user experience.

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### Question # 18

Please explain how Xen desktop helps in popularizing the businesses?

**Answer:-**

Citrix xen desktop provides high level of virtualization to help businesses build their tool and increase their output or productivity day by day. The features that are provided are as follows:

• It enables the virtual space and workflow to increase the productivity.

• It provides latest features and help businesses with tools to incorporate those easily.

• It gives an easy to use virtualization platform to deliver fast, efficient and flexible applications.

• It manages, create and secure the desktop applications from one location.

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### Question # 19

Do you know what is FlexCast delivery technology in Citrix Xen Desktop?

**Answer:-**

FlexCast is a delivery model that ensures a flexible and wide range of modifications in virtualized images of every major OS virtualization such as RedHat Linux, Windows, Ubuntu Linux or Windows Server 2008. This provides a standard lock-down for user without personalized experience that does not save personalized options and preferences in usage.

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### Question # 20

Do you know what is On-demand Apps feature in FlexCast Delivery?

**Answer:-**

The On-demand Apps feature in FlexCast delivery is a feature provided by Citrix Xen Desktop to deliver software applications on a client request for usage. These applications are packaged as images which are isolated and independent to the compatible hardware. On-demand applications could be like a Microsoft office application running on Linux machine.

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### Question # 21

Do you know what all elements could be packaged as images and then can be deployed on datacenter in Citrix Xen Desktop?

**Answer:-**

In order to get a new business startup quick and running, the elements like OS, Applications & User profiles can be packaged as single images and then deployed on datacenters. This process dynamically assembles desktops for each user. These images are maintained by administrators and according to the user tasks these images are deployed.



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### **Question # 22**

Tell me what is HDX technology given by Citrix Xen Desktop solution?

#### **Answer:-**

The HDX technology is coined for term High Definition User Experience. This technology provides flexible compatibilities to multimedia devices and software as Flash, Audio, Video, USB, 3D graphics applications. This compliance ensures a fast and reliable experience through Citrix Xen Desktop throughout the usage.

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### **Question # 23**

Do you know what is Virtual Desktop Infrastructure and is it provided by Citrix Xen Desktop?

#### **Answer:-**

Virtual desktop infrastructure is the practice of hosting a desktop operating system within a virtual machine running on a hosted, centralized or remote server. The term was coined by VMware Inc. Microsoft included a technology called virtual desktop infrastructure in Windows Server 2008. Intel has built hardware virtualization support into its processors, citing a growing need for client-hosted virtualization. Yes, virtual Desktop Infrastructure is provided by Citrix as Citrix Xen Desktop.

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### **Question # 24**

Can you explain what are the features of citrix xen desktop virtualization?

#### **Answer:-**

Citrix xen provides high end functionalities to the user for desktop virtualization. It also provide the following features such as:

• High definition user experience: it provides high end multimedia graphics, real time collaborations and connectivity through peripherals. It provides breadth and depth for easy viewing of high end 3D graphics.

• FlexCast: provides fast delivery of the new technology that enables the delivery of hosted models to meet the requirement of the users.

• On demand apps: citrix provide the provision for on demand application to the users. It also provides the provision to manage the functionalities of applications on virtual desktops.

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### **Question # 25**

Can you please explain the difference between desktop virtualization and virtual desktop interface?

#### **Answer:-**

Virtual desktop interface is a form of desktop virtualization, whereas desktop virtualization is itself a different entity that is separated with others.

VDI create a virtual machine and execute the user's desktop inside it, whereas desktop virtualization allows running the customized desktop without any virtual machines.

VDI works only for few users that have different demands but it is unsuitable to meet all the demands for all users, whereas desktop virtualization meet and provide all the required features to the user.

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