Linux Virtual Desktop

Secure access to Linux and Windows applications and desktops side-by-side

Research and development activities in industries such as automotive, manufacturing, oil and gas, and financial services often call for access to specialized Linux apps and desktops. Now, with the Linux Virtual Desktop from Citrix, Linux users can securely access these resources from any device, over any network connection.

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The Linux Virtual Desktop is a breakthrough in virtualization technology. Now users can have secure access to mission-critical, specialized Linux desktops from non-Linux devices. Also, IT administrators can manage both Windows and Linux applications and desktops using a single console to reduce complexity and increase ROI of your infrastructure investment by avoiding the need to purchase new hardware just to deliver Linux apps and desktops.

Why Linux?

Today's mobile workforce has increased demand for secure access to mission-critical, high-performingLinux apps and desktops from any device. These Linux resources are essential to many industries, such asthose conducting research and development work on chip design, numerical computation for financialand scientific modeling, or providing proprietary Linux-only apps to their engineers and developers.

Why Citrix?

For 25 years, Citrix has been an industry pioneer in app and desktop delivery and continues to lead with XenApp and XenDesktop. Customers consider Citrix virtualization the natural choice for supporting Linux apps and desktop for the following benefits.

- **Boost ROI** with Hosted Shared Linux desktops, which give more users access to the same infrastructure.
- **Increase productivity** by enabling mobile employees to use non-Linux devices to access their specialized Linux applications and desktops.
- **Streamline management and reduce training** with centralized administration of multiple resources from a single console/platform. Familiar tools and processes such as Studio and Director minimize the learning curve for administrators and support groups.
- **Secure sensitive data** and intellectual property in the datacenter and set up policy controls to allow geographically distributed employees and contractors to collaborate securely in real time.
- **Maximize flexibility** in choosing a hypervisor and Linux distribution. Linux Virtual Desktop runs on all three leading hypervisors—XenServer, Hyper-V and vSphere—as well as the two most pop- ular enterprise Linux distributions, Red Hat and SUSE. See Table 1 for supported features of Red Hat and SUSE.

How does it work?

Building new Linux virtual desktop is the same process as building a new Windows. Once the Linux Server image is created, a Red Hat or SUSE specific Virtual Delivery Agent is installed on that Linux server instance and now the Linux virtual desktop can be managed side by side next to Windows resources using Citrix Studio and Director. For end users, Linux virtual desktops are simply another app launched using standard Citrix Receiver.
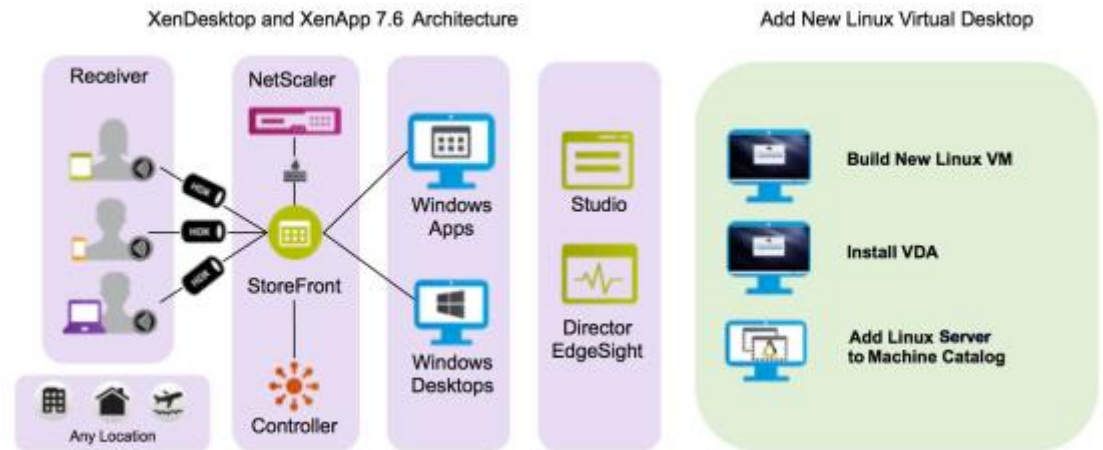
Table 1: Linux Virtual Desktop Feature Matrix

	Red Hat	SUSE Linux
Supported version	6.6	11 SP3
XenDesktop Desktops	•	•
Video Playback	•	•
H.264-enhanced SuperCodec	•	•
External Monitor	•	•
Auto Client reconnect	•	•
Receiver for Web Access	•	•
Proximity/Contactless Card (Fast Connect)	•	•
Pass Thru Authentication	•	•
AES & 3DES Encryption	•	•

XenDesktop Desktops	Access Linux hosted shared virtual desktops (server-based)
Video Playback	Enable viewing of recorded videos
H.264-enhanced SuperCodec	Enables streamlined delivery of application using XenApp/XenDesktop 7.x H.264-enhanced Supercodec
Multi-monitor support	Enables use of an external monitor
Auto Client reconnect	Prompts and reconnects the session on connection interruption
Reciever for Web Access	Access to hosted virtual desktops using a browser
Proximity/Contactless Card (Fast Connect)	Enable users to use Linux Virtual Desktop by authenticating with proximity or contactless smart card
Pass Thru Authentication	Users already logged on to their domain account do not need to authetnicate to access applications
AES & 3DES Encryption	Strong communication channel security

Download and try Linux Virtual Desktop

Download a 90-day free trial of the new Linux Virtual Desktop Agent along with XenDesktop to see the benefits for yourself today. Please visit: https://www.citrix.com/products/xendesktop/try.html

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