

Citrix VDI-in-a-Box

Simplify desktop virtualization with VDI that costs less than a PC

Key benefits

- Deploy virtual desktops for less than the cost of PCs
- Eliminate over 60 percent of VDI infrastructure costs
- Increase service levels with built-in high availability
- Start small and scale on demand
- Go from zero to production in under an hour
- Provide end-user access anytime, from anywhere, on any device
- Choose from industry-leading hypervisors
- Provide excellent quality of experience powered by Citrix HDX technology

Citrix® VDI-in-a-Box™ is an all-in-one solution that delivers virtual desktops for less than the cost of PCs.

VDI-in-a-Box is available as a virtual appliance that runs on off-the-shelf servers and eliminates the need for expensive datacenter infrastructure. Powered by Citrix® HDX™ technology, VDI-in-a-Box delivers an excellent quality of experience to users anytime, anywhere and on any device. Designed for desktop IT, VDI-in-a-Box delivers an immediate return on investment (ROI) by being simpler and less expensive to set up and manage than PCs.

Features:

Reduced costs

- Deployed on off-the-shelf servers with direct attached storage (DAS), VDI-in-a-Box eliminates the need for specialized servers and expensive SAN storage. Integrated management and provisioning, software-based load balancing and connection-brokering technologies obviate the need for external management servers, load balancers and connection brokers, respectively. Thus, VDI-in-a-Box reduces VDI infrastructure costs by approximately 60 percent compared to traditional VDI solutions.
- Centralized management cuts desktop management and support costs by 80 percent. For example, only the master images need to be updated and patched.
- VDI-in-a-Box falls entirely under Windows® administrators' purview, thereby eliminating the need for specialized networking, virtualization and storage administrators.

High availability and on-demand scalability

- Grid architecture delivers built-in high availability without shared storage or connection brokers.
- Hot-pluggable grid can be reconfigured on demand without having to turn off a production grid.
- “Deploy as you grow” model allows on-demand expansion by starting small and adding more off-the-shelf servers to the hot-pluggable grid as needed.



Simple setup, easy management

- All-in-one VDI software appliance with built-in, policy-based dynamic desktop provisioning, load balancing and connection brokering enables full deployment in less than an hour.
- Innovative grid architecture automatically shares configuration and desktop images, and enables management of all servers as a single entity.
- Seamless access anytime, anywhere and on any device with built-in HDX technology.
- Easy, centralized management cuts desktop management and support costs by 80 percent. IT resources are spent on managing centralized corporate desktop images versus individual endpoints.
- Intuitive, wizard-driven, point-and-click user interface abstracts virtualization details so a Windows administrator can set up and manage virtual desktops without any virtualization, SAN or datacenter expertise.

Excellent quality of experience

- HDX technology ensures excellent quality of desktop experience for end users anytime, anywhere, using any device.
- Integration with Citrix user profile manager creates a custom end-user experience by delivering personalized virtual desktops.

Open architecture

- VDI-in-a-Box features an open architecture designed to provide many options for your platform and protocol choices.
- Virtualization technology agnostic: available on Citrix® XenServer®, VMware vSphere™ and Microsoft® Hyper-V® hypervisors.
- Protocol agnostic: supports both HDX and Microsoft® RDP technologies.

Security and data protection

- Nothing is stored on the endpoint, thereby offering more security and data protection.
- Connection between endpoints and the grid is secured.
- Increased security with seamless single sign-on to a virtual desktop across a VPN.
- Policy-based automation enables administrators to set up access control policies per user.

Cost per virtual desktop delivered by Citrix VDI-in-a-Box

Component	Cost / CCU Desktop
Off-the-shelf server*	\$100
VDI-in-a-Box with Citrix HDX	\$160
Hypervisor**	\$0 to \$65
Microsoft VDA License***	\$0 to \$100
Total	\$260 to \$425 per Desktop

* Off-the-shelf server cost based on pricing a server from Dell.com website as of Feb. 2011.

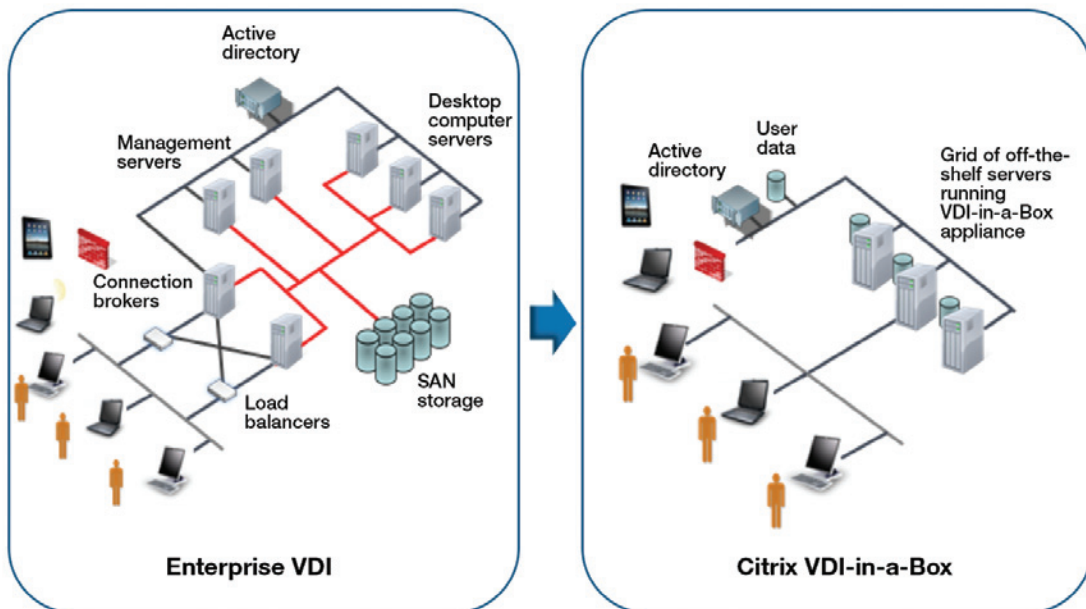
** Hypervisor cost is zero with XenServer, up to \$65/desktop with VMware vSphere/ESXi as of Aug. 2011.

*** Microsoft VDA is not required with Microsoft Software Assurance (\$0); retail price is \$100/primary device/year.



Simplify Desktop Virtualization

Deliver VDI for less than a PC with VDI-in-a-Box





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About Citrix

Citrix Systems, Inc. (NASDAQ:CTXS) is a leading provider of virtual computing solutions that help companies deliver IT as an on-demand service. Founded in 1989, Citrix combines virtualization, networking, and cloud computing technologies into a full portfolio of products that enable virtual workstyles for users and virtual datacenters for IT. More than 230,000 organizations worldwide rely on Citrix to help them build simpler and more cost-effective IT environments. Citrix partners with over 10,000 companies in more than 100 countries. Annual revenue in 2010 was \$1.87 billion.

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