Novell® ZENworks®
Configuration Management in Citrix® Environments

Many organizations today leverage Citrix® server-based computing technologies for remote desktop or desktop virtualization benefits. By integrating Novell® ZENworks® Configuration Management into a Citrix environment, you gain important enhancements through deep technology integration, as well as patch management and asset management capabilities. These features ultimately reduce the cost, complexity and risk of endpoint management in your enterprise.

Integrating Novell ZENworks in Citrix Environments

Citrix offers important server-based computing technologies built on Citrix XenApp and Citrix XenDesktop. Citrix XenApp, originally called Citrix Presentation Server, is a server-based computing technology that provides remote execution of Windows® applications, which are stored in the data center and appear as if they are running as local applications on devices such as PCs and thin clients. Specifically, Citrix XenApp streams applications between the data center and the client devices. On the other hand, Citrix XenDesktop is a fully functional virtual desktop infrastructure solution that you can use for the automated creation and delivery of virtualized desktop images from the data center to the desktop.

With Novell ZENworks Configuration Management, you can now enhance the value of your Citrix investment—either Citrix XenApp or Citrix XenDesktop, or both. Novell ZENworks Configuration Management is the industry’s leading lifecycle management solution that features a unique, policy-driven approach to endpoint management. With ZENworks Configuration Management, you can take advantage of a complete range of advanced management capabilities, including standard operating environment (SOE) deployment and maintenance; hardware and software inventory; asset management; remote management; personality migration; and optimized application delivery for both desktop and server-based applications. More importantly, Novell ZENworks Configuration Management...
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Many organizations are experiencing the power of Novell ZENworks Configuration Management in their Citrix environments. It can be used to decrease complexity across an increasing number of endpoints, secure virtual desktops through patch capabilities or improve compliance through asset management. To learn more about ZENworks Configuration Management, visit: www.novell.com/products/zenworks/configurationmanagement

supports a range of operating platforms including Windows and Linux*, integrates with your choice of directory services like Microsoft* Active Directory* and Novell eDirectory™, and always provisions users with the exact resources they need—no matter what endpoint they use. As a result, it’s the industry’s only solution that removes the complexity and cost of endpoint management, while driving true productivity in the enterprise.

Key Benefits of Integrating Novell ZENworks and Citrix
By integrating Novell ZENworks Configuration Management in a Citrix environment you get a wide range of benefits that would not be available in a Citrix environment alone. Key capabilities that ZENworks Configuration Management delivers into a Citrix environment include:

**Improved Application Accessibility and Manageability**
On a managed client device, the Novell ZENworks Application Explorer window is typically used as a standard tool for launching both thin-client and fat-client applications. By integrating Novell ZENworks Configuration Management with Citrix, you can now use this tool to launch standard Citrix streamed applications (delivered by Citrix XenApp). This allows you to gain simple, one-click access to your remote applications. Having just one place to see all your local and remote software allows you to reduce complexity at the desktop and increase productivity. Your end users will not have to waste time trying to figure out which applications are available to them, and whether they are installed or living in the data center. Everything they need will be easily accessible from a single window.

Another benefit of Novell ZENworks Configuration Management is that you are no longer limited to managing physical endpoints. With ZENworks Configuration Management, you can now configure and manage Citrix virtual desktops provisioned for XenDesktop or Citrix XenApp itself. This gives you the centralized management benefits of ZENworks Configuration Management, including OS imaging, software deployment, remote management, and software inventory across a wider range of workloads in your enterprise. Finally, like physical clients, you also gain rapid application accessibility on Citrix virtual desktops through the ZENworks Application Explorer window.

**Strengthened Security through Patch Management**
With Novell ZENworks Configuration Management, you now have critical patch management capabilities through Novell ZENworks Patch Management. Not only will you be able to patch core operating system and third-party applications from a centralized location, but you will also be able to extend these capabilities to Citrix XenApp applications and Citrix XenDesktop-provisioned virtual desktops. Leveraging the power of ZENworks Patch Management will allow you to continuously monitor and enforce patches and report on patch compliance across your Citrix environment. Keeping the applications your users rely on thoroughly patched can ultimately increase security, reduce user downtime and enhance end-user productivity in the enterprise.
**Improved Compliance through Asset Management**

With Novell ZENworks Configuration Management, you can now gain full asset management capabilities via Novell ZENworks Asset Management. Novell ZENworks Asset Management integrates asset inventory, software usage and license reconciliation to provide you with a complete, accurate view of software installations and licenses at your organization. For instance, you can easily inventory your physical devices, as well as Citrix XenDesktop virtual desktops and XenApp servers, which will give you a clearer understanding of what is running in your organization. In addition, you can eliminate the costs and headache that usually accompany a software vendor audit by having easy and immediate access to reports on your IT assets and usage. With the ability to accurately track which licensed software your end-users are actually using across your Citrix environment, you can make more informed purchasing decisions and gain the upper hand in vendor negotiations, generating greater cost savings for your organization.

An IDC study has shown that Novell ZENworks Patch Management and Novell ZENworks Asset Management (combined with Novell ZENworks Endpoint Security Management) give organizations a more than 7:1 return on investment in three years, with an average payback period of just 7.5 months. In addition, user productivity in organizations that implemented these solutions increased by 45 percent.

**System Requirements**

On the endpoint side, you can use Novell ZENworks Configuration Management to manage, patch and inventory a wide range of Windows, Linux and Mac* workstations and servers as well as the following Citrix platforms: Citrix XenApp and Citrix XenDesktop. On the server side, you can install ZENworks Configuration Management on a wide range of Windows Server and Linux operating platforms. You can find the full range of supported managed devices and installation operating systems at: www.novell.com/products/zenworks/configurationmanagement

**Get Started Today**

Many organizations are experiencing the power of Novell ZENworks Configuration Management in their Citrix environments. It can be used to decrease complexity across an increasing number of endpoints, secure virtual desktops through patch capabilities or improve compliance through asset management. But no matter what your needs are, there are many reasons to talk to your representative today about how ZENworks Configuration Management can benefit you and enhance the value of your Citrix investment. To learn more about ZENworks Configuration Management, visit: www.novell.com/products/zenworks/configurationmanagement

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Reduce the cost, complexity and risk of endpoint management in your enterprise with Novell ZENworks Configuration Management.