

NOVELL® ZENWORKS® APPLICATION VIRTUALIZATION

Quickly convert your Windows-compatible applications into self-contained, streamable virtual applications that run over the web, USB drives or your desktop management infrastructure—without conflicts or manual installations.

Product Overview

Novell® ZENworks® Application Virtualization allows you to create applications that run as standalone execution files, eliminating the need to install them in client devices. A key component of the Novell Endpoint Lifecycle Management product set, Novell ZENworks Application Virtualization produces highly portable applications that can run locally, on a USB drive or on the web.

Key Benefits

As a mature, full-featured application virtualization solution, Novell ZENworks Application Virtualization is ready to help you:

- Eliminate application failures caused by .dll conflicts, overwritten registry entries and other problems that often occur when new software is introduced into complex user environments.
- Ensure application compatibility when tackling complex operating system upgrades (such as to Windows* 7).
- Dramatically reduce the time- and labor-intensive planning and testing process normally associated with software packaging and deployment.
- Comply with complex software rollback and contingency plans quickly and efficiently.
- Create a self-contained application environment that doesn't force you to choose between desktop security and application compatibility.
- Instantly run software from a wide range of different media without installing any additional software components onto the host machine.
- Lower licensing costs by making virtualized applications with set expiration dates available to contractors, students or temporary workers.

- Maximize performance with virtualized applications that are as fast and responsive as their non-virtualized counterparts.

Virtualize All Kinds of Applications Quickly and Easily

Every virtualized application executable includes three key components:

- A small, lightweight virtual machine engine
- The application's programming code
- A modified Windows registry, metadata, keys and other components (such as the .NET framework or other runtimes) required for the application to run

Unlike many other application virtualization products, this product does not require any additional back-end components or resources. It is a completely self-contained solution that works well within any software distribution or lifecycle management framework.

Build and Run Virtual Applications with Novell ZENworks Application Virtualization

To provide maximum versatility and flexibility, Novell ZENworks Application Virtualization provides the following four methods for virtualizing applications:

- **Build auto-configured virtual applications.** The product ships with a number of auto-configuration wizards that allow you to quickly build, configure and customize virtual applications using a guided step-by-step process.
- **Snapshot an application.** The snapshot process captures a system's state before and after an application is installed—and then automatically configures virtual application settings based on the observed changes.





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- **Manually configure virtual applications.** *This method provides experienced developers with extremely fine-grained control over virtual application settings.*
- **Convert Novell ZENworks AXT-based applications.** *If you already use Novell ZENworks to package and distribute applications, you can quickly convert your legacy ZENworks applications into virtual applications.*

Key Features

Novell ZENworks Application Virtualization offers an impressive list of features that allow you to take full advantage of everything virtualized applications have to offer:

- **Creation of a single executable file.** *Package all application files, settings, runtimes and other components into a single compact executable that runs anywhere.*
- **Eliminates the need to access privileged system resources.** *Reduce Vista* UAC prompts and eliminate most Vista compatibility errors.*
- **Application expiration.** *Configure applications to run for a set number of days or expire on a specific date.*
- **Application publishing on portable media.** *Configure a virtual application to launch from a USB drive and automatically register itself with the host system.*
- **Run applications five to 20 times faster with predictive streaming.** *Use the application profiler to build a streaming model that can anticipate user behavior, resulting in quick and smooth application streaming.*
- **Multiple streaming modes.** *Run with "No Cache," "Cache Prefetch" or "Register Local" modes. You determine if and how to store streamed applications locally.*
- **High streaming user-to-server utilization.** *Ratios as high as 10,000 users/server.*
- **Common network protocols for streaming.** *Uses standard HTTP, SMB and CIFS protocols for streaming applications, or any protocol that can be mounted to a Windows UNC path.*

- **XREG publishing.** *Use a simple tool to register a virtual application with the host and configure file associations and shortcuts.*
- **One-click component configuration.** *Quickly add popular runtimes, components and viewers to virtual application executables. This includes support for .NET, Java*, Shockwave*, Flash* and SQL Server* 2005 Express.*
- **MSI setup package generation.** *Deploy virtual applications using MSI setup packages.*
- **File system and registry virtualization.** *Protect the host OS and registry by simulating those subsystems in virtual applications.*
- **Service and application connections and control.** *Embed virtualized database and web services into virtual application executables, enable applications to communicate, and gain fine-grained control over virtual resource sharing between multiple applications.*
- **100-percent user mode implementation.** *Simplify deployment and operation by eliminating device drivers and privileged operations.*
- **Optional application compression.** *Accelerate deployment and reduce bandwidth by compressing virtual application files.*
- **Independent patch deployment.** *Deploy patches for virtual applications independently of the application itself.*
- **Support for Novell ZENworks AXT-based applications and ZENworks Configuration Management.** *Make all your virtual and physical applications part of the same unified lifecycle management solution.*

System Requirements

For detailed product specifications and system requirements, visit www.novell.com/communities/partners. Novell ZENworks Application Virtualization is available from any Novell Authorized Reseller™ or Novell ZENworks partner. For partner contact information, visit: www.novell.com/communities/partners