

VMware App Volumes

AT A GLANCE

VMware App Volumes™ is a portfolio of industry-leading application and user management solutions for VMware Horizon®, Citrix Virtual Apps and Desktops, and RDSH virtual environments. These solutions take desktop and application environments to the next level by providing radically faster application delivery and simplifying and unifying application and user management, while reducing IT costs by up to 70 percent. App Volumes is a key component of JMP—the next generation of desktop and application delivery.

KEY BENEFITS

- Reduce storage and operational costs by up to 70 percent with one-to-many provisioning, painless packaging, and stable installation.
- Simplify management by packaging once and deploying everywhere. Manage application inventory and streamline assignment of applications and application updates to end users with zero downtime and quick rollbacks.
- Free up crucial IT resources from repetitive application and user profile maintenance tasks, and decrease the time spent managing images by up to 95 percent.
- Increase employee productivity and satisfaction, without increasing IT staff, by delivering personalized applications and user environments that drive the business forward rather than maintaining dated architectures.

The Challenge

Desktop virtualization and published application solutions ensure that organizations can centrally manage and deliver workspace services to end users across devices and locations. And many organizations have made this journey with Horizon, Citrix Virtual Apps and Desktops, and Microsoft RDSH products over the years, benefiting from lower TCO of managing desktops and apps. But despite the benefits of desktop and application virtualization, many customers have also found this journey to be a costly and complicated one. The challenges businesses continue to face include

- **Slow and painful application installation and maintenance** – Applications need to be packaged, delivered, updated, and retired on a regular basis, which can be slow, unreliable, and painful. Template version control and image sprawl create nightmares for IT.
- **Complex processes and outdated architecture** – Without much innovation in application packaging, maintenance, and user management, IT tends to rely on habits that require complicated processes and outdated architecture to manage heterogeneous environments.
- **High infrastructure, support, and operational costs** – Supporting thousands, hundreds, or even dozens of apps can be resource and time intensive, and incur high infrastructure costs. Without insight into how users and apps are performing, help desk tickets can spiral out of control.
- **Multiple solutions from multiple vendors** – Using many solutions from many vendors, with many consoles, to manage and monitor apps and users becomes an enormous burden on IT.

What's more, end users expect real-time access to their applications and desktops across devices and locations. Supporting the requirement for persistent access while keeping costs in check has been challenging. VMware App Volumes helps overcome these challenges with an application and user management solution that reduces costs and delivers superior user experience.



Figure 1: VMware delivers radically faster application delivery and unified application and user management, while reducing IT costs by up to 70 percent.



App Volumes is available as a portfolio of application and user management solutions for Horizon, Citrix Virtual Apps and Desktops, and RDSH virtual environments.

The Solution

App Volumes takes desktop and application environments to the next level by providing radically faster application delivery and unified application and user management, while reducing IT costs by up to 70 percent. App Volumes fundamentally shifts how applications are installed and how user environments are managed, and gives IT a single vendor management solution that is unparalleled. Now, IT has an end-to-end approach to agile services delivery that boosts user productivity to help drive your business.

- **Deliver agile services** – Eliminate the pain in managing and delivering applications with instant delivery of applications and user environment settings to desktop and published application environments. Package once and deploy anywhere. Streamlined application lifecycle management simplifies app updates and assignments, and enables quick rollbacks.
- **Modern architecture enables reliability** – Built on a modern management and monitoring platform, App Volumes provides reliable application delivery and user environment management with powerful workflows. Provision applications faster, deliver context-aware user policy, and isolate apps as needed, enabling “follow-me” applications and user settings for a personalized and consistent user experience.
- **Realize savings in infrastructure, support, and operational costs** – Support a truly stateless desktop with no trade-off between user experience and costs. Decoupling operating system images and applications with App Volumes helps reduce the number of images being managed by up to 95 percent. Deliver zero-downtime updates, and lower storage and operational costs with one-to-many provisioning.
- **Building block for JMP**, the next-generation desktop and application delivery platform included in VMware Horizon Enterprise – JMP (pronounced *jump*) leverages Instant Clones, App Volumes, and user environment management technologies to untangle the operating system, applications, and user personalization. By doing so, all the component pieces together can be reconstituted on demand to deliver Just-in-Time desktops and apps across any infrastructure topologies—delivered to any device.

Take Advantage of App Volumes

App Volumes supports truly stateless, just-in-time desktops and applications, while dramatically driving down costs for Horizon, Citrix, and RDSH environments. App Volumes is now available worldwide in 10- and 100-pack bundled offerings on a named and concurrent connection basis. In addition to the standalone editions outlined, App Volumes is also bundled into selected Horizon perpetual and subscription offers.

App Volumes is available in two editions:

- **App Volumes Advanced** – An advanced application and user management solution for enterprise customers with virtual environments powered by Horizon, Citrix Virtual Apps and Desktops, and RDSH.
- **App Volumes Standard** – An application and user management solution for virtual environments powered by Horizon, Citrix Virtual Apps and Desktops, and RDSH.

FIND OUT MORE

For information or to purchase VMware products, call 877-4-VMWARE (outside North America, +1-650-427-5000), visit <http://www.vmware.com/products> or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the App Volumes documentation.

The following table summarizes the features and supported environments for App Volumes Standard and App Volumes Advanced.

	APP VOLUMES STANDARD	APP VOLUMES ADVANCED
FEATURES		
Real-time application delivery	●	●
User profile and policy management	●	●
Platform for cloud-based technologies	●	●
Application packaging and virtualization with packaging and routing	●	●
Application inventory metadata	●	●
Intent-based application delivery	●	●
Role-based access and workflow	●	●
Appsolation – Agentless application virtualization that isolates applications from the underlying OS		●
SUPPORTED ENVIRONMENTS		
Horizon	●	●
Citrix Virtual Apps and Desktops	●	●
RDS Hosted	●	●

Table 1: App Volumes Edition Feature Comparison