

VMware App Volumes

AT A GLANCE

VMware App Volumes provides real-time application delivery with lifecycle management. IT can use App Volumes to instantly deliver applications and data to users without compromising user experience. Infrastructure and management costs are reduced by utilizing managed volumes. Unlike traditional application management solutions, App Volumes allows IT to deliver a desktop with no trade-off between user experience and costs.

BENEFITS

- Optimized application delivery using non-persistent architecture drives down compute, network, and storage costs of desktops.
- Application workloads delivered or updated in seconds, without any modification to other applications or the OS.
- Desktops that easily scale with superior performance, at lower costs and without compromising end-user performance.

App Volumes allows IT to deliver applications and data to users or desktops in seconds, and at scale. Applications are stored in shared read-only virtual disks that instantly attach to desktops by users, groups, or devices. These applications perform like natively installed applications for end users providing a seamless desktop experience.

Provide Complete Application Lifecycle Management

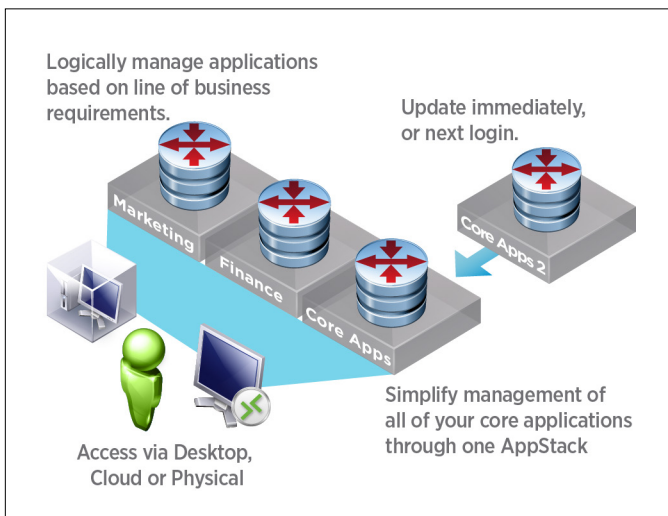
IT can manage the entire lifecycle of applications with App Volumes. Lifecycle management includes provisioning, delivery, maintenance and retirement. This begins with the initial installation of the application to users or devices. When an application requires an update or an upgrade, App Volumes helps speed up this process and additionally supports easy application replacement.

Reduce Infrastructure Costs and Accelerate Efficiency

With App Volumes, IT can drive down compute, network, and storage costs by leveraging on-demand layering and a non-persistent architecture. App Volumes virtual disks can be placed on any supported VMware vSphere® datastore, enabling IT to leverage the most appropriate storage—including fast storage with high read IOPS (such as VMware Virtual SAN™) instead of streaming applications across the network from a CIFS share. By combining App Volumes together with VMware Horizon® 6 with View, IT administrators can dynamically deliver and manage applications in virtual desktops with a 30 percent reduction in storage capacity requirements versus Horizon 6 alone.

Provide Persistent End-User Experience across Non-Persistent Environments

End-users can take advantage of fully customized desktops and the freedom to install their own applications and have these persist across sessions. With App Volumes, IT can deliver a persistent user experience while benefiting from the cost savings of a non-persistent architecture.

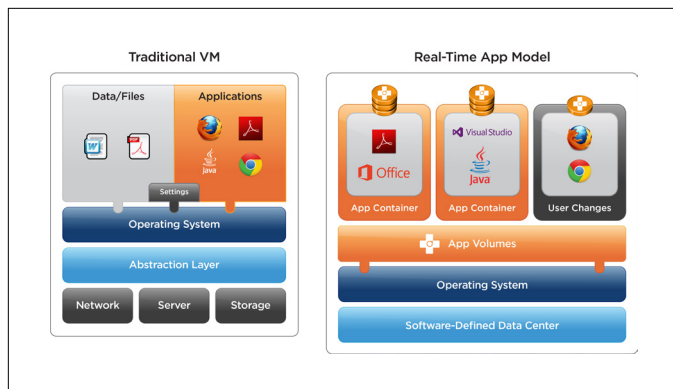


Dynamically Deliver Applications to Desktop Environments

What Is App Volumes?

When App Volumes is installed on a desktop, the desktop is assigned applications from the App Volumes Manager. IT creates application stacks that are stored in shared volumes across virtual disks. With the click of a button, the App Volumes Manager delivers these application stacks to the desktop, or to the user or group they choose. For end-users, applications delivered by App Volumes appear and perform as if they are natively installed. Applications seamlessly follow end users across sessions and devices. Data can also optionally follow that end-user as well. IT can update, or replace applications in real-time. IT can also remove any assigned application in seconds.

App Volumes is tightly integrated with VMware's hypervisor / virtual infrastructure and the storage that the virtual disks span. This ensures that customers can easily scale out this solution to support end users at scale.



An App Volumes managed VM is virtualized above the OS. Applications, data files, settings, middleware, and configuration licenses act as separate layers.

Features and Benefits

Application Management

- **Real-time Application Delivery** - Uniquely provide mobile-like applications to desktop environments. Deliver and upgrade applications and middleware through virtual disks in real-time, lowering time to deploy applications from hours to seconds. Reduce management costs by efficiently delivering applications through virtual disks to desktops. Provisioning applications requires no packaging, no modification and no streaming. With App Volumes, applications are immediately and dynamically made available, upon login or at boot.
- **Cost-Optimized Desktop Infrastructure** - Centrally manage your workloads using a single copy of an application, while keeping the data and settings specific to the desktop or user. An option for having a single copy of the entire workload used across multiple VMs is also available. Reduce storage capacity requirements through single image management, without impacting network and compute resources. Flexible delivery options allow you to deliver applications and data to sets of users, groups, or devices. Hypervisor-aware, App Volumes is optimized to run on VMware vSphere environments.

Empowering End-User Productivity across Non-persistent Environments

- **Seamless End-User Experience** - Enable end users to have a persistent desktop experience across their desktop environment to increase productivity. Applications arrive in real-time for end-users when they log in, or are logged into their desktop. Applications (including user-installed applications) and data follow the end user to maximize employee productivity. Applications additionally perform as if they are natively installed on the OS, allowing for superior performance without compromising user experience.

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.

