

What's New in VMware Horizon View 5.3

Superior User Experience

- **3D graphics with virtual dedicated graphics acceleration (vDGA)** provides users access to workstation-grade graphics applications where a discrete graphics processing unit (GPU) is required. The ability to use VDI for the most complex 3D CAD, CAM, and engineering models ensures organizations can cost-effectively and securely deliver the best user experience to developers and high-end power users.

In addition to the availability of vDGA, virtual shared graphics acceleration (vSGA) now supports AMD/ATI graphics cards in addition to NVIDIA graphics cards.

3D graphics acceleration is built upon the VMware vSphere® platform. Only Horizon View is designed to fully leverage vSphere, to deliver a robust set of 3D offerings to customers.

- **Improved Real-Time Audio-Video experience and performance** significantly reduces bandwidth consumption. Encoded and compressed audio / video reduces upstream bandwidth for webcam and microphone traffic. This provides end users with the ability to take advantage of rich communication and collaboration over the wide area network (WAN). This is available through the Horizon View Feature Pack.
- **Enhancement to mobility features in HTML5 and Unity Touch.** HTML5 improvement in video playback, responsiveness, and scalability provide end users with a superior experience even when a native client is not available. Multiple new features in Unity Touch for iOS and Android make using VDI even easier on small form factor devices. This is available through the Horizon View Feature Pack.
- **Windows 8.1 support** gives users the ability to use the latest Windows OS inside their virtual desktops. The Horizon View Client has also been updated to run on the latest Windows 8.1 devices.

Streamlined Management and Cost

- **VMware® ThinApp® 5.0** available now with support for 64-bit applications. ThinApp 5.0 also has the ability to integrate with third-party persona solutions.
- **When combining View with VMware Horizon Mirage™ 4.3**, administrators can now manage View persistent desktop pools with full clones. Application and base images can be updated without affecting users installed applications and personalization.
- **Reduce storage with VMware Virtual San™ (VSAN) beta.** Storage is one of the biggest costs in the deployment of VDI. Often storage has to be over provisioned in order to handle intermittent IOPS bursts. View with VSAN will allow organizations to leverage the SSDs and HDDs that come with servers. VSAN creates an abstracted data-store that spans multiple hosts to provide greater resiliency. This significantly reduces VDI capital expenses related to storage. Furthermore, this supports the linear scalability of VDI environments with predictable desktop performance.

Support for New Delivery Models

- **Support for Windows Server 2008 for virtual desktops** supports a new delivery model for the deployment of VDI. For publicly hosted desktop-as-a-service (DaaS) deployments, this reduces the costs, complexity and licensing restrictions associated with supporting multi-tenant infrastructure. For privately hosted desktop-as-a-service deployments, this new feature gives customers greater choice around supporting non-Windows based devices and in deciding which Windows license model makes the most sense for their use cases.
- **View Agent Direct Connection (VADC)** is an optional plugin for service providers and end customers who want to support distributed implementations of Horizon View with highly resilient desktops that are no longer tied to the WAN. VADC enables users to login to their View session without having to authenticate into a connection server and enjoy highly responsive, high performance desktops even in locations with poor bandwidth connectivity.