



VMware View 5 Advances User-Centric Computing Model Enabling A Better Desktop

Overview:

Announced August 30, 2011 at the annual VMworld conference in Las Vegas, Nevada, [VMware View 5](#) will continue to help IT organizations empower a more agile, productive and connected enterprise by enabling a better desktop.

Built on [VMware vSphere™](#), the industry's most widely deployed virtualization platform, VMware View 5 will simplify IT manageability and control, while providing end users the highest fidelity experience regardless of WAN or LAN connections. View 5 delivers protocol enhancements that will provide as much as 75 percent bandwidth improvement over LAN and WAN connections, advanced support of 3D graphics, scalable unified communications integration for voice and video media services with industry leaders including Avaya and Mitel and virtual desktop personalization with integrated persona management.

Centralized, automated desktop management provided by VMware View 5 will enable the scalable management of tens of thousands of virtual desktops through a single console. VMware View reduces operational costs by as much as 50 percent while increasing availability, reliability and security levels far beyond levels of traditional PCs.

VMware View 5 Features and Benefits:

Enhancements and new features in VMware View 5 will deliver elastic, desktop services from your cloud for ultimate control and flexibility for user experience, administration and service levels, including:

- **PCoIP Optimization Controls** – VMware View with PCoIP will provide end-users with top performance regardless of network conditions. New PCoIP optimization controls, including client side caching and disable build to lossless, will decrease bandwidth usage by up to 75 percent and increases network user density on both LAN and WAN connections.
- **Media Services for 3D Graphics** – View Media Services will deliver new capabilities for the end-user with 3D graphic support for Windows 7 Aero and Office 2010, 3D workloads, as well as support for 3D apps requiring DirectX and OpenGL. IT administrators will also benefit from enhanced flexibility for entitlement of 3D capabilities across any client end-point. And because View Media Services for 3D graphics will work with existing datacenter servers, there is no GPU required – helping to save costs by eliminating the need for additional graphics cards.
- **Unified Communications Integration** – With VoIP support from leading Unified Communications (UC) vendors including Avaya and Mitel, VMware View 5 will deliver an integrated workspace of virtual desktops and communications to provide a seamless productivity experience across desktop, voice and video media services. These features will enable business continuity for UC with View and quality of service for VoIP and desktop, all while saving costs by leveraging existing UC infrastructure. No additional purchase required to support the integration.
- **Personalized Experience, Stateless Desktop Costs** – Available with VMware View 5 Premier Edition, View Persona Management will enable IT administrators to manage the end user persona including settings and files, policies such as access privileges, performance and various other settings, as well as suspend-on-logout, from a central location. The addition of an easy to deploy persona management feature can further reduce the total cost of virtual desktops by enabling more use cases with stateless desktops. View Persona Management will additionally improve the user experience by maintaining personalization between sessions while providing faster user access to their personalized settings and applications.

- **PCoIP Continuity Services** – Improves experience for roaming users with automatic detection, recovery and auto-connecting of sessions within 30 seconds of lost network when roaming unreliable networks, WiFi or 3G, and reducing impact to end user workflow by eliminating the need for user intervention.
- **VMware View Mobile Clients** – Available in the coming weeks, an update to the VMware View Client for iPad will introduce support for multitasking, RSA integration and an innovative presentation mode that make the Windows desktop even more useful on the iPad. While the new VMware View Clients for Android and Cisco CIUS extend VMware View desktops to the latest, most popular Android based tablets.
- **User Experience and Performance Monitoring** – PCoIP Extension Services will improve end-user session management and support for IT administrators with new session stats and analysis capabilities across 23 individual session stats including General, Imaging, Network and USB statistics for any PCoIP session – enabled via existing tools supporting WMI with no additional console to buy or manage and allowing IT to quickly identify and resolve bottlenecks or issues.
- **New Teradici APEX 2800 PCoIP Server Offload Card** – Offered by Teradici, the APEX 2800 is specifically designed to offload PCoIP image encoding responsibilities from VDI servers, effectively reducing CPU utilization. As a result, peaks in CPU processing demands will be instantly managed to protect and ensure a consistently high level of user experience at the desktop, and IT Managers can enable increased VDI consolidation ratios while managing data center space and power needs more effectively. For more details on the APEX 2800 server offload card, visit www.teradici.com/APEX.

Pricing and Availability:

Available in the coming weeks, VMware View 5 is a family of products:

- **VMware View 5, Enterprise Edition:** includes VMware vSphere 5 for desktops, VMware vCenter Server 5 and VMware View Manager 5, a flexible desktop management server enabling IT administrators to quickly provision and tightly control user access.
- **VMware View 5, Premier Edition:** includes VMware vSphere 5 for desktops, VMware vCenter Server 5, VMware View Manager 5, View Client with Local Mode, VMware ThinApp 4.6, VMware View Composer and VMware vShield Endpoint to enable integration of offline capabilities, image management optimization, application virtualization and centralized anti-virus protection with virtual desktop delivery and management.

VMware View 5 Enterprise Edition is priced at \$150 per concurrent connection and VMware View 5 Premier Edition is priced at \$250 per concurrent connection. For more information, go to <http://www.vmware.com/products/view/>.

Industry, Customer and Partner Support of VMware View 5:

VMware

“View 5 is all about meeting and exceeding customers’ expectations for a better desktop. With View 5 we will deliver on this promise with WAN bandwidth enhancements, advanced 3D graphics, scalable unified communications and more. In addition VMware offers customers a journey to embrace a new way to work in the post-PC-era.” – *Vittorio Viarengo, vice president, End-User Computing VMware*

VMware View 5 Supporting Partner Quotes

AMD:

“AMD applauds the release of VMware View™ 5 with its advanced support for 3D graphics and the ability to enable a high-fidelity user experience regardless of network connections,” says Margaret Lewis, director, Software Strategy, AMD. “VMware View™ 5 running on up to 12 cores of the AMD Opteron 6100 Series processor enables desktops to be centralized efficiently and without compromising user experience. In using it to support our remote engineering initiative, AMD learned firsthand the agility, productivity and security benefits of the VMware View product.”

Brocade:

“VMware View™ 5 is an essential element of the VMware/Brocade virtual desktop infrastructure (VDI) reference architecture that enables organizations to create a scalable environment providing best-in-class performance and scalability, enhanced security, ease-of-migration and lower cost of ownership,” said Doug Ingraham, vice president, Product Management, Data Center Group, at Brocade. The new features and functionality of VMware View™ 5 will better leverage the advantages of Brocade Ethernet fabric environments to provide organizations with the capability to build virtual end user computing infrastructures that can scale quickly and smoothly to support enterprise-wide business processes and drive further efficiencies.”

Cisco:

“Cisco and VMware's strategic partnership is committed to delivering solutions for end user virtual workspace, said Phil Sherburne, vice president of Enterprise Architecture Systems for Cisco. “Together, the Cisco Collaboration suite with VMware View™ 5, offers our mutual customers improved collaboration capabilities. We look forward to continue improving the end user virtual workspace experience through the delivery of innovation with our partners.”

Dell:

“Through its Virtual Desktop Solutions, Dell continues its successful collaboration with VMware as one of the few technology providers able to deliver virtualization solutions from the data center to the desktop,” said Greg Germain, general manager, Dell Desktop Virtualization Solutions. “With the availability of VMware View™ 5 to Dell's desktop virtualization portfolio, Dell broadens the choice, flexibility and reliability we can offer our customers.”

EMC:

“EMC and VMware share a vision for driving pervasive virtualization to accelerate customers' journey to the cloud,” said EMC's Chad Sakac, vice president, VMware Technology Alliance. “VMware View™ 5 combined with EMC's latest storage platforms are designed for virtual and cloud environments and armed with fully automated storage tiering technologies enable organizations to improve performance and gain business agility and cost efficiencies. EMC and VMware are making it easier to deploy a virtual desktop infrastructure with reference architectures, security hardening, and services.”

F5:

“With VMware View™ 5, VMware takes a significant step in further enhancing the performance and user experience of virtual desktop environments,” said Jim Ritchings, vice president of Business Development at F5 Networks. “Working in partnership with VMware, F5's BIG-IP® products support View deployments with integrated, scalable secure access and traffic management capabilities. In addition,

joint customers can take advantage of F5's customizable iApp template for View, which simplifies the deployment process and provides valuable configuration guidance to streamline operations."

Fujitsu:

"Fujitsu welcomes the release of VMware View™ 5," said Yoichi Hori, president, Platform Software Business Unit, Fujitsu Limited. "Through our strong relationship with VMware, we have been offering virtualization solutions to our customers with industry-standard servers. Now with improved easy-to-use features, VMware View 5 combined with our PRIMERGY server line, ETERNUS storage systems, Systemwalker Desktop series and PCs, will provide customers with a complete, cost effective, and secure infrastructure for PC client management."

HP:

"IT organizations are faced with opposing desktop computing requirements. Users need freedom to access data and applications anywhere from any device, but this creates new cost and risk concerns for the business," said Doug Oathout, vice president, Worldwide Marketing, Converged Infrastructure, Enterprise Storage, Servers and Networking, HP. "The Client Virtualization Reference Architecture built on HP Converged Infrastructure for VMware View™ 5 offers simplicity and can be deployed quickly, managed efficiently, and scaled as organizations' requirements change."

NetApp:

"Together, NetApp and VMware are committed to delivering modernized desktop services and an enhanced end user computing experience for our joint customers," said Patrick Rogers, vice president of Corporate Alliances. "The new PCoIP Optimization Controls of VMware View™ 5, combined with NetApp Virtual Storage Tiering and caching technologies, ensures top performance for end users and drives down desktop TCO for organizations, while our innovative storage infrastructure allows customers to manage all of their data on a flexible and efficient unified storage platform."

Teradici:

"Teradici's latest PCoIP® software 3.8 release delivers three key user experience enhancements in VMware View™ 5, said Dan Cordingley, president and CEO of Teradici Corporation. These improvements include significant reductions in bandwidth, improved session resilience for roaming users on mobile devices and tablets, and new session statistics capabilities for enhanced performance monitoring and troubleshooting. Teradici will also be introducing the APEX 2800 PCoIP server offload card at VMworld and demonstrating the dramatic reduction in CPU utilization for VMware View 5 deployments. Teradici and VMware continue to work together to deliver the best VDI user experience and the most extensive hardware and software infrastructure for customers deploying desktop virtualization."

Unidesk:

"Customers love the combination of Unidesk and VMware View, and we're excited that our desktop layering platform supports VMware View™ 5," Tom Rose, chief marketing officer, Unidesk Corporation. "Unidesk's abilities to deliver ThinApp virtualized applications, augment VMware View™ 5 Persona Management with user-installed applications, and simplify image patching, ad hoc application management, and desktop support are ideal for enterprises with diverse use cases. Unidesk and VMware View™ 5 are the best solution for IT organizations who need to show clear cost savings from their desktop virtualization projects, and satisfy knowledge workers, power users, and others with persistent desktop requirements."

VCE:

“VMware View™ 5 users will experience a more agile desktop in a highly productive environment,” said Todd Pavone, senior vice president, Product Development, VCE. “This announcement is yet another proof point to VMware's strong focus on innovation and sustained leadership. VCE looks forward to our continued partnership with VMware as we work together to move customers' most business critical applications into secure, virtualized environments on Vblock™ Infrastructure Platforms.”

Wyse:

“VMware and Wyse share the vision of helping companies move away from the traditional PC experience to embrace a host of end user devices that allow anytime, anywhere access,” said Param Desai, senior director, Product Management at Wyse Technology. “Wyse customers will enjoy the streamlined efficiency of using VMware View™ 5 as they continue to move data, applications and entire operating systems to the cloud.”

Additional Resources:

- [VMworld media resources landing page](#)
- Read the [VMware View 5 Media Backgrounder](#)
- Read more about VMware View 5 – “[VMware View 5 Advances User-Centric Computing Model Enabling a Better Desktop](#),” a blog post by Warren Ponder, director, Product Management, End-User Computing, VMware
- Read more about “[Persona Management in VMware View 5](#),” a blog post by Kevin Goodman, director product management, End-User Computing, VMware
- Read more about “[VMware View 5 with Unified Communications](#),” a blog post by Tony Huynh, senior product manager, End-User Computing, VMware
- View screen shots of [VMware View 5](#)

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Forward-Looking Statements

This media backgrounder contains forward-looking statements including, among other things, statements regarding the expected features and availability of VMware View 5, expectations for the future of IT, the role of VMware product offerings and their benefits to users and plans for future VMware technologies. These forward-looking statements are subject to the safe harbor provisions created by the Private Securities Litigation Reform Act of 1995. Actual results could differ materially from those projected in the forward-looking statements as a result of certain risk factors, including but not limited to: (i) adverse changes in general economic or market conditions; (ii) delays or reductions in consumer or information technology spending; (iii) competitive factors, including but not limited to pricing pressures, industry consolidation, entry of new competitors into the virtualization market, and new product and marketing initiatives by our competitors; (iv) our customers' ability to develop, and to transition to, new products and computing strategies such as cloud computing; (v) the uncertainty of customer acceptance of emerging technology; (vi) rapid technological and market changes in virtualization software and platforms for cloud and desktop computing; (vii) changes to product development timelines; (viii) VMware's ability to protect its proprietary technology; and (ix) VMware's ability to attract and retain highly qualified employees.. These forward looking statements are based on current expectations and are subject to uncertainties and changes in condition, significance, value and effect as well as other risks detailed in documents filed with the Securities and Exchange Commission, including our most recent reports on Form 10-K and Form 10-Q and current reports on Form 8-K that we may file from time to time, which could

cause actual results to vary from expectations. VMware assumes no obligation to, and does not currently intend to, update any such forward-looking statements after the date of this release.

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