

# VMWARE HORIZON 7 WHAT'S NEW

## Desktop and App Virtualization Reimagined

### AT A GLANCE

Simplify the move to the mobile cloud era. Securely deliver and manage Windows or Linux desktops, applications, and online services to end users through a digital workspace across virtual data centers, virtual machines, and physical devices. Provide consistently great end-user experience across locations, media, and connections to improve workplace productivity.

VMware Horizon® 7 goes beyond VDI to provide end users with one place to securely access all their desktops, applications, and online services from any device, everywhere. With Horizon 7, IT organizations can take advantage of closed-loop management and automation, and tight integration with the software-defined data center, to deliver and protect all the Windows or Linux and online resources users want, at the speed they expect, with the efficiency business demands.

Drawing on the best of mobile and the cloud, VMware Horizon 7 offers greater simplicity, security, speed, and scale in delivering on-premises virtual desktops and applications while offering cloud-like economics and elasticity of scale.



Figure 1: Horizon 7 Draws on the Best of Mobile and Cloud

### Just-In-Time Delivery with JMP

JMP is the next-generation VMware desktop and application delivery platform that provides a new, dramatically accelerated means to provision fully featured, personalized, customized virtual desktops and published applications. Leveraging JMP technologies that include Instant Clone Technology, VMware App Volumes™, and VMware User Environment Manager™, administrators can rapidly spin up desktops that retain user customization, persona, and user-installed apps from session to session, even though the desktop itself is destroyed when the user logs out. Similarly, published applications can be deployed 5-10x faster with a push of a button and with less than half the required steps when compared with competitive solutions. Virtual desktops benefit from the latest OS and application patches automatically applied between user logins, without any disruptive recompose, resulting in the elimination of patch maintenance windows. This capability is delivering customers the VDI nirvana of fully customized and personalized desktops, built on the economics and security of stateless, nonpersistent desktops.

### Cloud Pod Architecture Improved Scale

Cloud Pod Architecture now scales to support 50,000 sessions across up to 5 sites, with 25 pods of infrastructure. Customers can aggregate multiple pods in either the same data center or different data centers and entitle users to a desktop in any location. Organizations now benefit from an unprecedented ability to scale, with improved failover performance.

## Smart Policies with Streamlined Access

Horizon 7 also introduces a robust suite of security and policy-focused capabilities that help customers improve their overall security posture, with a multilayered, defense-in-depth approach that goes from client endpoint to data center to the extended virtual infrastructure. Smart Policies delivers a real-time, policy-based system with intelligent, contextual, role-based management that is seamlessly integrated:

- **True SSO** – Streamlines the end-to-end login experience. Users logging in and authenticating via VMware Identity Manager™ would previously be presented with a second login prompt to access their Windows desktop, using their AD credentials. True SSO seamlessly bypasses this secondary login request for users who have already authenticated via VMware Identity Manager, using a short-lived Horizon virtual certificate, enabling a password-free Windows login that brings them immediately to their desktop, for a secure, simplified, and faster overall experience.
- **Policy-managed client features** – Contextually aware, fine-grained control of client-side capabilities, for a more robust security posture with improved IT manageability. Now IT can selectively enable or disable features like clipboard redirection, USB, printing, and client drive redirection. Customers can now use policy to ensure that, for instance, a desktop login from a network location considered insecure, results in disabling of security-sensitive features like cut/paste or USB drive access. Additionally, PCoIP Bandwidth Profile settings allow IT to customize the user experience based on user context and location. All of this can be enforced based on role, evaluated at login and logout, disconnect and reconnect, and at predetermined refresh intervals for consistent application of policy across the entirety of the user experience.

## Blast Extreme

Adding to PCoIP, VMware now offers customers additional choice and flexibility with brand new Blast Extreme display technology, purpose built and optimized for the digital workspace. Built on industry-standard H.264 protocol, Blast Extreme supports the broadest range of client devices, billions of them, that are already H.264 capable. Customers

can choose between Blast Extreme, PCoIP, and RDP based on their use cases and client device choices. Blast Extreme offers many inherent advantages over PCoIP in addition to client device support including:

- 50 percent less network bandwidth consumed
- Ability to leverage both TCP or UDP network transport
- Blast Extreme Adaptive Transport (BEAT) to maintain a great user experience across a wide variety of network types, ranging from corporate LAN to public Wi-Fi and mobile networks
- Agility in adapting to challenging, lossy network conditions in which users can maintain a local-like experience
- Lower CPU consumption for longer battery life on mobile devices

Additionally, when combined with GPU-based hardware acceleration in the host, such as NVIDIA GRID, VMware has a complete solution that supports graphics performance end to end for the most visually intensive applications, in any use case.

## Make the Move Today

Horizon 7 is available in the following editions:

- **Horizon 7 Standard** – Simple powerful VDI with great user experience
- **Horizon 7 Advanced** – Unified workspace for secure access to desktops and applications at lowest cost
- **Horizon 7 Enterprise** – Desktops and applications delivered with cloud automation and management

## Learn More

For more information, visit <http://www.vmware.com/go/horizon7>.

For information or to purchase VMware products, call 877-4-VMWARE, visit <http://www.vmware.com>, or search online for an authorized reseller. For detailed specifications and requirements, refer to the product documentation.

