Securing Your Virtual Desktop Infrastructure

Having experienced the cost and efficiency benefits of server virtualization in the datacenter, enterprises are eager to extend those same advantages to the desktop. Virtualizing desktops can lower costs, speed provisioning, and streamline support and management—often on a much bigger scale than in the datacenter. But these advantages may be compromised by critical resource contention when enterprises try to use conventional endpoint security to protect a virtualized desktop infrastructure (VDI). This limitation leaves many enterprises choosing between security and return on their VDI investment.

Introducing OfficeScan 10.5—VDI-aware endpoint security

Trend Micro OfficeScan 10.5 is the industry’s first endpoint security specifically built to address the security and management challenges of both physical and virtualized desktops in a single solution. Compared to non-VDI aware endpoint security, OfficeScan enables enterprises to more than double the number of VDI images per host—with no tradeoff in security.

VDI AWARENESS PRESERVES PERFORMACE

With VDI, numerous desktops share the host’s hardware resources, often at a ratio of 60-to-1 or higher. With these high levels of density, simultaneous resource-intensive operations such as major security updates and full-system scans result in a dramatic loss of desktop performance. The impact can become so severe that the host is incapacitated and users lose their session connection, often being unable to reconnect. OfficeScan 10.5 overcomes this resource contention with VDI-intelligence that identifies virtualized desktops on VMware View and Citrix XenDesktop, serializing scans and updates to preserve the system’s performance and availability. The resulting efficiency can actually accelerate scans and updates by preventing performance bottlenecks in the first place.

PRESCANING ACCELERATES PROVISIONING AND UPDATES

OfficeScan 10.5 also speeds full scans on virtualized endpoints by leveraging common VDI provisioning techniques to create base images and clones or linked clones. Once installed inside a base image, OfficeScan can prescan and white-list the content of this base image so it will be skipped during subsequent scans. After that only files added by the user—a small fraction of the VDI image—need to be scanned. This prevents the duplicate scanning of identical files across multiple VDI images, further increasing the system’s performance and availability.
Superior Protection Powered by the Smart Protection Network

The cloud-client architecture of the Trend Micro Smart Protection Network™ protects enterprises faster and more proactively than other types of security infrastructure. By conducting threat intelligence in the cloud rather than on individual endpoints, Smart Protection Network drastically accelerates protection and lowers the resource impact on endpoints. With OfficeScan 10.5, enterprises can realize these same benefits within the corporate environment. The new Smart Protection Server provides in-the-cloud benefits of File Reputation and a subset of Trend Micro’s in-the-cloud Web Reputation database inside the corporate network to ensure better privacy, faster performance, and improved user experience.

Get the Best Security for Windows 7, and More

OfficeScan 10.5 fully supports endpoints not only on Windows XP and Vista but also on Windows 7. So regardless of whether your endpoints are physical or virtual, 32-bit or 64-bit, or even running different operating systems, OfficeScan 10.5 has your enterprise covered. And of course, all clients appear under the same unified management system and benefit from the same powerful policy management. Even better, migrating from one form factor to another or updating your version of Windows will not impact security in any way.

Effectively Manage the Power of OfficeScan

Even though OfficeScan scales to manage over 20,000 endpoints with a single management server, not all clients inside an organization are the same. So OfficeScan provides granular role-based administration, Active Directory integration, and a hierarchical client model to give you full control over what your administrators can and cannot see or do. And built-in security compliance reports can help you pinpoint unprotected devices, so these users spend less time without the superior protection of OfficeScan.

Choose the Right Endpoint Security for Your Enterprise

With endpoint security, your needs are as varied as your clients. You need a solution that is as diverse as your unique environment. Trend Micro OfficeScan 10.5 has you covered. It’s not only optimized for both physical and virtualized desktops, it protects all types of endpoints running various operating systems and configurations. This unprecedented flexibility unleashes the power of your endpoints to move your business forward.