STORAGECRAFT.

SHADOWPROTECT® VIRTUAL

Fast and Reliable Disaster Recovery, Data Protection and System Migration for Virtual Environments

Business Continuity Without Limits

Today's computing environments are challenging – because they are constantly changing. Virtualization is an important tool for IT professionals to maximize hardware resources and improve business continuity and disaster recovery. But the adoption rate for virtualization technology rarely includes the entire computing infrastructure. It's far more common for IT professionals to manage mixed environments that include both virtual and physical hardware.

With such unpredictable storage architectures, IT professionals need a disaster recovery solution that can adapt with the changing environment. StorageCraft® ShadowProtect® Virtual™ gives you fast, flexible and reliable disaster recovery, data protection and system migration for Windows environments. It allows you to backup everything in a Windows virtual environment and recover it anywhere – to another type of hypervisor, to physical environments, or to the cloud.

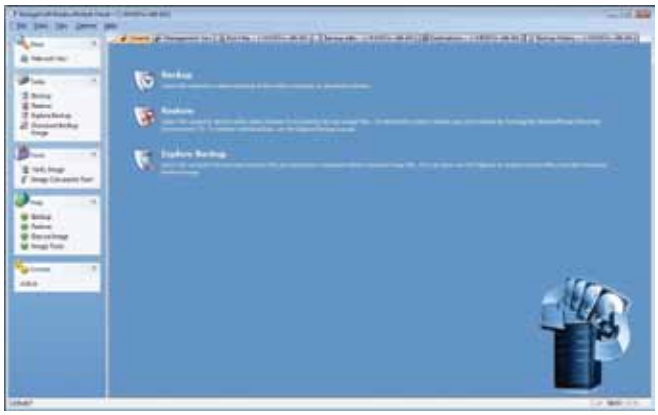
Fast, Flexible and Reliable Recovery

ShadowProtect Virtual includes bare metal recovery to the same system or to another virtual machine, even a different hypervisor. Its Hardware Independent Restore™ technology provides portability to new hardware and is agnostic to the underlying physical hardware or virtualization technologies. This provides the flexibility you need within changing IT infrastructures, ensuring business continuity in hybrid environments. Priced per virtual machine, ShadowProtect Virtual can be purchased in multi-packs and deployed on multiple hosts.

ShadowProtect Virtual includes support for:

- VMware
- Microsoft Hyper-V
- Citrix XenServer
- Oracle VirtualBox

ShadowProtect Virtual protects your entire computing environment – including the operating system, applications and data. It also gives you the tools you need to centrally manage your ShadowProtect backup images and restore them in a matter of minutes. The easy-to use management



console allows you to push install ShadowProtect to all of your virtual machines from a central location and view their backup status. ShadowProtect Virtual also includes ShadowProtect® ImageManager™, which allows you to consolidate your backup images into daily, weekly and monthly files. Automatic verification and re-verification tools ensure your backups are in a known good state when you need to recover a virtual machine.

In addition, ShadowProtect Virtual includes VirtualBoot™ technology, providing you with another layer of rapid, realtime business continuity. Just click on a ShadowProtect backup image file and boot it as a virtual machine in less than five minutes.

ShadowProtect Virtual includes the following:

- Support for VMware, Microsoft Hyper-V, Citrix XenServer and Oracle VirtualBox.
- Rapid recovery from bare metal, or to dissimilar hardware or hypervisors.
- ShadowProtect ImageManager to automatically consolidate backup image files.
- Verification and re-verification of backup images.
- VirtualBoot technology for quick failover to a VM.
- Automatic backup of SQL, Exchange and other critical applications.
- Recovery of individual files and folders in moments.
- Simplified migration to new Windows servers.
- Scheduler for automatic full and incremental backups.

ShadowProtect Virtual Features

Virtualization - Increase flexibility in your IT infrastructure by standardizing on a single backup and disaster recovery solution for both virtual and physical environments. ShadowProtect Virtual includes support for VMware, Microsoft Hyper-V, Citrix XenServer and Oracle Virtual-Box.

Backup - Fast and reliable disk-based backup that captures full, differential and incremental point-in-time backup images of your entire system. This includes the operating system, applications and data. Schedule full and incremental backups for automatic protection of everything on your virtual Windows system.

Recovery - ShadowProtect provides rapid recovery a number of ways: full bare metal recovery through a bootable recovery CD; or use Hardware Independent Restore (HIR) for recovery to dissimilar hardware or hypervisors.

File and Folder Recovery - Quickly browse to specific files and folders in your backup images to quickly recover your file-level data.

VirtualBoot - Right-click any ShadowProtect backup image and automatically boot it as a virtual machine — in less than five minutes!

Management Console - ShadowProtect's management console allows you to simultaneously push install ShadowProtect to all of your Windows systems. Check the status of your backups, import or export system information and create groupings for simplified management of both virtual and physical systems.

Consolidation - Automatically consolidate backup image files with ShadowProtect ImageManager. This minimizes backup storage consumption and streamlines backup image management by providing consolidated daily, weekly and monthly backups.

Verification - ShadowProtect ImageManager also verifies and re-verifies backup image chains to ensure that your backup images are in a known good state for fast and reliable recovery should a disaster occur.

Notification - Track the status of backup jobs through the notification tools in ShadowProtect ImageManager. This features allows you to set e-mail and SMTP configurations so you can be notified of backup job success and failure automatically.

Save Time

Minimize your Recovery Time Objectives (RTO) with the fast, reliable and flexible recovery and migration options in ShadowProtect Virtual.

Save Money

Get business back up and running in a matter of minutes, rather than hours. Every minute spent in recovery is income and productivity lost. Minimize RTO and you maximize profits.

Save Storage Space

ShadowProtect Virtual allows you to consolidate your backup image stores to simplify management and minimize the amount of disk space required for system backups.

For Additional Information

For additional information about ShadowProtect Virtual, please visit:

StorageCraft.co.uk/ShadowProtectVirtual.html

Supported Hypervisors

VMware Workstation 6.x, 7.x, VMware ESX 3.x, 4.x, VMware ESXi 4.x, Microsoft Hyper-V Server 2008, Server 2008 R2, Citrix XenServer 3.x, 4.x and 5.x, Oracle VirtualBox 3.x and 4.x. Please see product Readme for a complete list of supported hypervisors.

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