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O&O DiskImage 17 Server: Professional Data Backup for Companies

Berlin, November 24, 2021

Data backup is vital for every enterprise. When data is lost, it's not just customers and business data that disappears, commercial relationships can suffer long-term damage as well, and this means serious trouble for the business itself. Berlin-based O&O Software GmbH now introduces their newest version 17 of O&O DiskImage for corporate use.

O&O DiskImage can backup entire systems as well as individual drives and files while a computer is in operation. The backup can be made in the local network onto a server or any other storage device such as a NAS or an external USB. During the process, data can be encrypted in accordance with GDPR requirements. Using O&O DiskImage never involves sharing information with servers belonging to any unauthorized third parties.

Comprehensive VHD / VHDX functionality
With the new O&O DiskImage 17 Server it is now possible to create virtual images of the Microsoft Virtual Hard Disc type (VHDX and VHD). This can be especially useful if someone wants to first "rehearse" migrating from Windows 10 to Windows 11 because it can be done using a virtual machine created on the current system.

In addition, users can create incremental and differential backups of virtual drives. Combining or mounting these images is also possible. Whenever there's a backup available, it only takes a few seconds to access any files that are needed. Work on the computer can then be continued without any loss of time or important data.

O&O DiskImage 17 Server with redesigned User Interface
The interface has been redesigned to make it even more intuitive and easier to use. New features such as creating and combining incremental and differential VHD and VHDX files are now integrated in the menu navigation.

O&O DiskImage now supports Windows 11

O&O DiskImage 17 Server is fully compatible with the current Microsoft Windows Server 2019 operating system and supports older versions from Windows 2012 onwards. The Server Edition can also be used on all Windows desktop versions from Windows 8.1 up to Windows 11.

O&O DiskImage has been optimized especially for low processor and memory usage on older systems, so that old hardware can also be backed up without any additions or changes required. O&O DiskImage 17 also continues to support Windows 8.x. and Windows 7 beyond its "End-of-Life", so that backups created there can still be used for restoring any valuable data that may be required.

New and enhanced features

Data and System Images

Backup physical machines onto virtual ones (P2V): The new O&O DiskImage 17 Server is now possible to create virtual images of the Microsoft Virtual Hard Disc type (VHDX and VHD. Combining or mounting these images is also possible.

Creation of incremental and differential VHD and VHDX files: With the new O&O DiskImage, users can create incremental and differential images of virtual drives. These can also be merged and mounted as a drive.

Data backup on boot mediums: With the O&O DiskImage To Go function, an external hard drive (or USB stick with sufficient storage space) can become an O&O DiskImage rescue medium and at the same time preferred storage medium for future system backups. As soon as this external USB hard drive is then later connected to the computer, O&O DiskImage automatically creates a backup. This makes creating a current backup child's play.

Creation of a Windows boot system: With O&O DiskImage it is possible to create a boot medium on USB Stick or CD-R directly from within the program. This medium can then be used to restore an image onto a computer. All current Windows versions are supported, starting from Windows 2012 until the latest Windows Server 2019.

Backup without downtime: O&O DiskImage Server Edition is equipped with a powerful snapshot mechanism that allows it to capture data at exactly the moment when a backup was started. Any subsequent changes made to the database by users or programs will have no effect on the backup while it's being created. This applies to whatever file system or program environment is being used. This is the only way to guarantee the creation of consistent system backups that must be available whenever needed.

Creation of system images:
When imaging a drive, the entire content of a selected disk or partition will be saved in an image file on a target disk. All the backed-up data is thereby located in one single file which makes managing backups much easier. A complete imaging of a system hard disk will involve backing up the entire operating system as well as all programs and settings. The image file can be encrypted with a password whenever necessary.

Making file backups: File backups will involve saving files directly in the form of data. This kind of backup contains file information only and includes no drive information such as file tables or layout of the hard disk.

Machine cloning: Cloning creates a 1: 1 clone of the disk directly on the target disk. With this function, a copy including the hard disk structure is immediately available. A cloned volume contains all partitions of the source volume.

Encrypting backups: Using a recognized AES process, it's possible to encrypt data in O&O DiskImage. O&O DiskImage supports especially high security levels with a key length of up to 256-bits. Even after creation, subsequent encryption of the image is also possible.

One-Click imaging: With just one click, a user can start to image the entire computer. One-Click imaging is especially useful if O&O DiskImage is being used for the first time or when an existing computer image is not available.

Various imaging methods: For a complete image, users can choose between an image of used

sectors and an all-inclusive forensic image for purposes of data recovery. An incremental or differential image will only backup those data areas that have changed since the last image operation, thus saving space.

Plug and Play functionality: Selected files and folders are automatically backed up and synchronized. With O&O DiskImage, it is possible to run several tasks at the same time.

Data Restoration

O&O DiskImage RecoveryPartition: The new O&O DiskImage 17 now saves the recovery environment on the computer itself, so that in the event of system failure the system can be started directly from there - including the last system image.

One-click restoration: Restoration of the entire computer can be started with just one click. Connect the O&O DiskImage boot disk and restore the backup saved on it with the push of a button. No more hassle of searching for the boot medium and the external hard drive with the backup.

System restoration using a bootable medium: O&O DiskImage can be run from a bootable medium to quickly restore a system without installation. In order to do this, a boot medium (USB stick or CD/DVD) can be created that contains all standard drivers. Additional drivers can be loaded after starting. The integrated system rescue tools will even make it possible to restore the original system and identify errors.

Image restoration: O&O DiskImage can be run from a bootable medium, without installation, and used to restore an entire PC or system partition. There'll be no problem if any hardware components are exchanged, or even a new computer acquired, in the time between creation and restoration of any image: thanks to MIR, O&O DiskImage can restore existing images on computers with a different hardware configuration.

Restoration of file backups: O&O DiskImage image files can be mounted as virtual disks. Individual files can then be accessed, for example using the Windows Explorer, and then subsequently restored.

Mounting backups as virtual drives: Drives can be mounted from images and displayed as write-protected virtual drives in Windows Explorer. This gives users the option of copying individual files and folders onto existing physical disks.

Support of previous versions: Data backups made with earlier O&O DiskImage versions will, of course, continue to be used because the new version 15 is compatible with all previous versions.

Restoration onto different hardware: The integrated M.I.R. (machine independent restoration) feature allows users to restore a system onto different hardware. Not only can an image or clone be restored onto servers and desktops with identical hardware, they can also be restored onto machines where, for example, the motherboard or processor has been changed. After the image has been restored, the new hardware can be adapted and the system can once again be started. Technology from the renowned O&O BlueCon Administrator Pack is used for doing this.

Mounting data from ISO files: Standard ISO files (ISO 9660) can be mounted as data image files and as virtual hard disks.

General

User Interface: The O&O DiskImage user interface has been revamped, making it even more intuitive.

Control via Command Lines: O&O DiskImage Command Line Interpreter makes it even easier to run batch jobs for automating product features.

FTP access: Enables direct backup as well as restoration via an FTP server (internal/external). There's no longer any need for integrating an external FTP server in a local network. The user can restore a crashed computer by accessing an FTP server, even when the local network has suffered a complete collapse.

EFI/UEFI Systems: O&O DiskImage not only supports systems based on the classic BIOS, but the current EFI/UEFI systems as well.

Script interface: Control of all O&O DiskImage features with extensive script interfaces for integrating batches as well as a user's own applications.

Optimized memory usage: It's possible to set the maximum number of images that can be saved before older images should be automatically overwritten.

Email notification of activity: Administrators can request to be informed about the results of an activity such as the running of a job. Error messages are also sent immediately so administrators can quickly identify and resolve problems.

Automatic updates: O&O DiskImage automatically checks if new program versions are available and so guarantees that data backup is performed using the latest advances in technology.

Visualization of data: The graphical display of hard disks and drives – similar to the disk management in Microsoft Windows - allows for an intuitive selection of those volumes that are being backed up or restored. Both free and used memory and the size of each partition are displayed, which makes managing the data easier.

Integration of data from ISO files: Standard ISO files (ISO 9660) can be integrated as virtual hard drives, in addition to data backup files.

Variable DPI settings: O&O DiskImage adjusts perfectly to the selected DPI setting.

High Contrast Mode support: High Contrast Mode support has been improved to make objects on the monitor easier to recognize.

Pricing and availability

O&O DiskImage 17 Server, including all its features (e.g. for use on Windows Server and desktop versions, machine independent restore, etc.), costs 299 USD including 19% Sales Tax where applicable.

Information about volume licenses can be requested here https://www.oo-software.com/en/oodiskimage-corporate/pricing.
Interested users can find a free, 30-day trial version of O&O DiskImage 17 Server Edition on the O&O website under https://www.oo-software.com/en/oodiskimage-corporate/get-trial-version.
A list of all O&O resellers can be found under https://www.oo-software.com/en/order/reseller/.

About O&O Software

O&O develops solutions for corporate customers that not only support them in their daily activities, but also help substantially reduce their costs. Our products for system optimization, data imaging, data recovery, secure data deletion and company-wide administration are pioneers in the Windows

technology sector. Together with our worldwide network of partners, we support corporations, companies, public authorities and private customers in over 140 countries, all from our headquarters in Berlin, Germany.

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