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## **O&O Defrag 17 Server Edition: Maximum performance now for virtual machines and storage area networks (SANs) too**

**Users of virtual machines know the phenomenon: the amount of data remains the same, but the memory for the virtual container increases and causes the virtual system to slow down. The new O&O Defrag 17 Server Edition effectively eliminates and prevents this performance problem from occurring. It defragments not only the virtual machine itself but also the host and simultaneously ensures that the storage container for the virtual machine retains its optimum size. New in version 17 is also the support of Storage Area Networks (SANs) that can also now be fully optimized.**

Berlin, November 19th, 2013 - The defragmentation solution O&O Defrag 17 Server Edition is today now also available for business use. O&O Defrag noticeably accelerates access to hard drives, extending their life by significantly reducing the mechanical stress on the read-write head units and thus actively preventing system failures. These noticeable improvements are especially felt in older systems with the help of O&O Defrag, which often postpones the purchase of a new PC or server for long periods of time, saving on the costs and time involved in buying a replacement.

Particularly when it comes to backing up data, time is really of the essence. The constantly growing data volume that companies usually need to backup daily also increases the amount of time required for making backups. This is where O&O Defrag comes in handy by permanently and continuously managing the way files are saved (defragmented) on server systems. With it, the amount of time needed for reading files is cut down dramatically so acquisition of new hardware is no longer an issue. Simultaneously, the administrative costs for IT personnel sink as well.

The new O&O Defrag 17 can also for the very first time securely overwrite free space so that the available data there – which is presumably deleted – is definitely no longer recoverable. O&O Defrag therefore not only increases the productivity of systems but also protects sensitive data from prying eyes – all from within one program.

What is particularly convenient for users is the ability to carry out selected actions after a defragmentation, for example deleting free space and then optimizing SANs and VMs.

### **New and enhanced functions**

**Optimizing Virtual Machines and Storage Area Networks:** O&O Defrag 17 optimizes the actual memory allocation for virtual machines and SANs.

**History:** O&O Defrag has clear graphics that display which defrag action has led to which optimization success, with a before and after capture.

**Automatic defragmentation:** Automatic defragmentation is enabled by default after the installation of O&O Defrag and optimizes the disks in the background without slowing down the performance of the computer. Special procedures are initiated here

to monitor the disk activity and ensure optimal use of system resources and a defragmentation can be set to run from a certain grade of fragmentation, on a certain day of the week or only when the screensaver is active.

**Data security:** In the latest version, O&O Defrag deletes the unused disk space upon request. This prevents confidential content of unsafely deleted temporary files being accessed by others.

**Shorter defragmentation times:** With O&O Defrag 17, several drives can be defragmented simultaneously. In addition, the algorithms have been substantially accelerated, reducing the time required for a defragmentation by up to 40%.

**Evaluation and Analysis:** Whenever the program is started, a manual analysis of all drives can be made and the level of fragmentation for each drive is displayed. It is also possible to display the most heavily fragmented files as well as the physical location of fragmented files on the hard disk. A dynamic block view appears during defragmentation and with the help of a before and after view, the user can get a total picture of the system's optimization.

**Measureable success of defragmentation:** Various statistics indicate the number of file fragments that were eliminated and how many files have been accelerated as a result. The user can recognize the benefits of frequent defragmentation, follow this success over weeks and months, and better customize defragmentation settings to suit his or her requirements.

**Automatic updates:** O&O Defrag automatically checks if newer program versions are available and so can guarantee that defragmentation is always done using the latest technology.

**Manufacturer-independent optimization for SSDs:** O&O Defrag makes it possible to optimize SSD drives through TRIM commands regardless of their manufacturer even under Windows XP and Vista. Access times for SSDs are sped up, and early wear and tear effects are prevented.

**Defragmentation methods STEALTH, SPACE and COMPLETE:** STEALTH and SPACE are optimized for the fastest possible defragmentation, while the COMPLETE methods allow for a more complete defragmentation. This of course, requires more time and memory. The optimal utilization of existing storage space also prevents any new fragmentation. All methods can be applied to any drive, including Volume and Stripe Sets, and of course guarantee maximum reliability.

**Zone filing on drives:** A logical separation of data into performance-critical and non-critical files is conducted through an alternative setting which divides drives into so-called Zones. Files are sorted based on their use and access frequency and moved into appropriate zones. For example, system and program files that need to be accessed very quickly are separated from other data such as documents and downloads. Fragmentation is prevented intelligently through the separation of files written rarely or frequently. This logical arrangement not only shortens the duration of the system or program start, but also prevents fragmentation of program files from ever occurring.

**Power Management for Netbooks and Notebooks:** As soon as mobile systems such as Notebooks or Netbooks are no longer connected to external power sources, the defragmentation is interrupted so that the full battery power is available for mobile workers.

**Manage O&O Defrag across a network:** In conjunction with the O&O Enterprise Management Console, O&O Defrag can be managed from a central location across a network. This makes it possible to run defragmentation jobs on individual desktops, servers, and entire sites, as well as for to install and upgrade O&O Defrag remotely. All events are logged in detailed reports and saved in a database so that a job's success can be seen at any time.

**Remote control in the same network:** All users in the same network are able to control O&O Defrag remotely. A computer's drives can be optimized and analyzed when, for example, executing jobs. It's also possible to generate and view reports for other computers from the network.

### **Save money by defragmenting**

Note: Find out how defragmentation reduces costs by visiting:

<http://corp.oo-software.com/en/performance/save-costs-with-oo-defrag>.

### **Pricing and availability**

O&O Defrag 17 Server Edition is priced at \$199. The O&O Enterprise Management Console and O&O Defrag 17 Workstation Edition for use across a network will be available at a later date. The price for O&O Defrag 17 Workstation Edition will be \$39. The O&O Enterprise Management Console assumes the central network control and costs \$499. All prices include 19% VAT where applicable.

Interested users can download a free 30 -day trial version of O&O Defrag 17 Server Edition on the O&O Website: <http://corp.oo-software.com/en/performance>.

A list of retail partners can be found at <http://www.oo-software.com/en/order/reseller/>.

Information about volume licenses can be requested here:

<http://corp.oo-software.com/en/get-a-quote?product=ood>.

### **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.

### **Press Contact**

Andrea Strehsov  
O&O Software GmbH, Am Borsigturm 48, 13507 Berlin, Germany  
Tel.: +49 (0)30 991 9162-00, Fax: +49 (0)30 9919162-99  
E-mail: [andrea.strehsov@oo-software.com](mailto:andrea.strehsov@oo-software.com)

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