Supplier of products for the office sector seeks a high-performing and effortless storage solution with synchronous snapshots

EURO stor

Office Partner is a provider of equipment for the office sector, from PCs and servers, printers and monitors to connectivity products. The company first contacted EUROstor in 2010 asking them to transfer some of their local hard disks into a central redundant storage. At that time large parts of their infrastructure were virtualized but this project could not be implemented with a central storage. Next, in 2013 the company contacted EUROstor to check whether they could find a suitable solution for centralization of their storage servers. EUROstor solved this problem by means of two High Availability ES-8700 systems and it turned out to be so advantageous that it is still in use by the company. However, soon not all server systems could be transferred to a central storage, thus EUROstor suggested Open-E JovianDSS with the ES-8700 systems as the best solution for all their storage issues.

open-e
JovianDSS

Solution

In general, Office Partner has already been successfully using the proven Open-E DSS V7. But systems that were not transferred in 2013 to the Open-E DSS-V7 had especially high demands regarding IO and latency. In addition, a snapshot was to be created every 60 seconds without any loss of performance and they should also be retained for up to two weeks. The respective snapshot was supposed to be deleted after their demanded deadlines without additional effort. Plus, the systems should work synchronously in two fire compartments.

Due to their previous positive experiences with Open-E DSS V7 EUROstor offered them the Open-E JovianDSS ZFS-based solution as a Shared Storage Metro Cluster with two nodes in an active-passive mode. The solution was configured like a local cluster with mirrored JBODs, with Fibre Channel instead of SAS to the JBODs for better effectiveness on long distances. That turned out to be a tailor-made offer for Office Partner as with ES-8700 JDSS cluster on ZFS file system they achieved extremely high data availability.
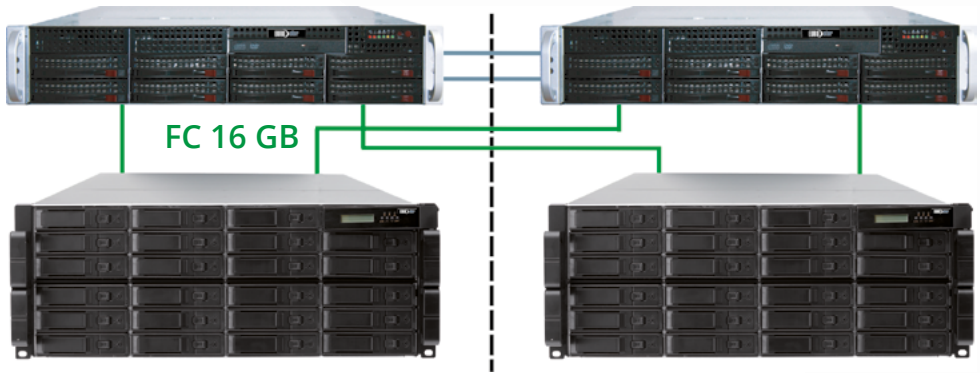
Configuration per Cluster node	
Server	ES-8700 Storage Server Head with X10 technology
Processor	2 x Intel® Xeon E5-2637v4
RAM	256 GB DDR-4 RAM, ECC, Registered
HBA	QLE-2672-CK for connecting Sub-RAIDS / JBODs
Ethernet	2x 10GbE Ethernet (Kupfer/RJ45) onboard 2 x 10GbE Ethernet (SFP+)
Chassis	2U, 19" rackmount, redundant PSU and fans
Boot Medium	2x 32GB SATA DOM (mirrored boot)
Software	Open-E JovianDSS

Configuration per JBOD	
JBOD	2 U, 24-bay with 16 Gbit FC
SSD	14x 960 GB SAS SSD

Hardware setup

ES-8700JDSS Metro Cluster

Customer feedback

Andy Jung, *Technical Director*

„We are very satisfied with both the Open-E DSS-V7 system and the new Open-E JovianDSS. The ZFS-based JovianDSS offers us synchronous data security over two fire compartments with excellent performance. What is more, it has already been tested that a fire compartment can be switched off without any loss in day-to-day business. The memory of the Open-E JovianDSS can be easily extended as needed, which has already been carried out during operation without any disturbance."

About Office Partner

Office Partner GmbH was founded by Andreas von dem Berge and Peter Pölling in 1997 and is a supplier of products for the office sector, from PCs and servers, printers and monitors to connectivity products and consumables. Company headquarters is in Gescher, North Rhine-Westphalia (Germany). Beside a retail shop with 8000 m2 surface and over 70 employees, Office Partner operates a well sorted web shop. More on: https://www.office-partner.de/

About EUROstor

EUROstor has been a manufacturer of storage systems for more than 12 years. Originally manufacturing RAID systems, today the main part of the product portfolio are server based systems, acting as flexible storage servers, tailor-made for the customers' needs. Solutions range from small file servers and CCTV storage to high available storage clusters, scale-out clusters and cloud solutions. EUROstor, located in Filderstadt near Stuttgart (Germany), sells to professional end users all over Europe, SMBs, universities and research institutes and data centers. More information on www.eurostor.com

About Open-E

Open-E, founded in 1998, is a well-established developer of IP-based storage management software. Its flagship product Open-E JovianDSS is a robust, award-winning storage application which offers excellent compatibility with industry standards, and is the easiest to use and manage. Additionally, it is of the most stable solutions on the market and undisputed price performance leader.

Thanks to its reputation, experience and business reliability, Open-E has become the technology partner of choice for industry-leading IT companies. Open-E accounts for over 30,000 installations world-wide and has received numerous industry awards and recognition, also with its product Open-E DSS V7.

For further information about Open-E, its products and partners, visit **http://www.open-e.com**

More information:
Office Partner GmbH
+49 2542 9558-250 | shop@office-partner.de

EUROstor GmbH
+49 711/707091-70 | sales@EUROstor.com

Open-E GmbH
+49 (89) 800777 0 | info@open-e.com