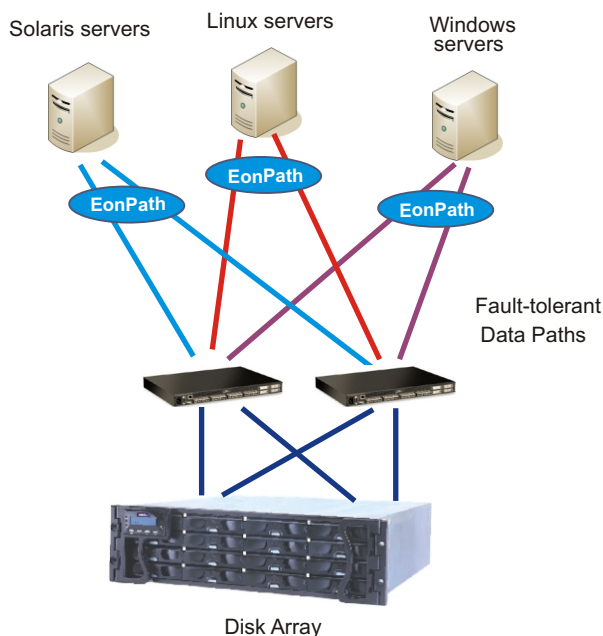


EonPath™ Multipathing

for Windows MPIO, Multi-pathing for Solaris and Linux

The EonPath driver provides intelligent I/O path management and load-balancing to avoid interruption to data flow and to optimize throughput across data links, mending the weakest point of today's storage applications. The EonPath also comes with path performance monitoring and the ability to harness multiple I/O links as active/active or active/passive paths.

Multiple Data Paths to Heterogeneous Servers



Package Availability

- Multi-pathing drivers for Solaris platforms
- Multi-pathing drivers for Linux platforms
- MPIO Device Drivers & DSM (Device Specific Module) for Windows Platforms

Functionality

- Active-Active/Active-Standby Path Redundancy
- Active/Active Load-balancing
- I/O traffic monitoring
- Multiple data paths to RAID volumes (up to 32)
- Works on Fibre, SAS, and iSCSI

Key Benefits

Unlike bulky management software by 3rd-party vendors, the EonPath is simple and features an end-to-end association between storage devices and HBAs across a storage network. This simplicity reduces the risk of conflicting device identifiers often occurred with 3rd-party software. A storage device, e.g., a logical drive, appears to the EonPath through Infortrend's proprietary identifying methods and thus the configuration effort is minimized.

Performance Enhancement

To maximize throughput between host and storage devices, EonPath is equipped with the following load-balancing algorithms:

FAIL_OVER_ONLY: Active and passive path assignment

ROUND_ROBIN: All paths are active and used in a round robin fashion.

ROUND_ROBIN_SUBSET: A subset of paths are active and the remaining paths in standby state.

LEAST_QUEUE_DEPTH: The path with least number of active requests will be used.

TPGS Implementation

TPGS stands for Target Port Group Service [previously known as ALUA (Asymmetric Logical Unit Access)]. TPGS obtains I/O traffic status from the EonPath drivers and determines if I/Os should be equally balanced between data paths and thus making maximum use of the processing power of both RAID controllers. The methodology dynamically directs I/Os through the multiple data paths, through the back-plane, and to the hard drives.

Infortrend®

© 2007 by Infortrend Technology, Inc. All rights reserved.
 • Any information provided herein is without warranties of any kind, and is subject to change by Infortrend without prior notice.
 • Infortrend, Infortrend logo, and EonPath are registered trademarks of Infortrend Technology, Inc.

Asia Pacific
 Tel: +886-2-2226-0126
 Fax: +886-2-2226-0020
<http://www.infortrend.com>

China
 Tel: +86-10-63106168
 Fax: +86-10-63106188
<http://www.infortrend.com/china>

Americas - Adjile Systems Inc.
 Tel: +1-916-928-2590
 Fax: +1-916-928-2599
<http://www.adjile.com>

Japan
 Tel: +81-3-5730-6551
 Fax: +81-3-5730-6552
<http://www.infortrend.com/japan>

Europe (UK)
 Tel: +44 (0)1256-707700
 Fax: +44 (0)1256-707889
<http://www.infortrend.com/europe>
(Germany)
 Tel: +49 (0) 89 45 15 18 7 - 0
 Fax: +49 (0)89 45 15 187 - 65
<http://www.infortrend.com/germany>