

WeMakePrice Creates Lightning Fast B2C eCommerce Site with Fusion ioMemory[™] Solutions

Solution Focus

CASE STUDY

Media and Entertainment

WEMAKeprice

- Content Delivery
- MySQL
- Microsoft Hyper-V

The SanDisk[®] Solution

Improve B2C site performance and development and test environment by moving VM images off hard disks and onto Fusion ioMemory products in MySQL database servers.

Performance

120x faster random access query times

- 6x faster VM build and launch times
- **3x** faster migration times

Consolidation

3:1 footprint consolidation

Reduce maintenance costs

Increase scalability via more efficient server CPU use

The Bottom Line

WeMakePrice achieved a high-performance, efficient, virtualized B2C site and software development environment.

- Improved B2C eCommerce service to improve customer conversion and loyalty
- Accelerated time to market by improving developer productivity
- Implemented a simpler, more cost effective and scalable system
- Reduced capital and operating expenses

"One large query that took about 40 minutes to complete on SAS disks took just 20 seconds on the Fusion ioMemory-based system. Increasing site performance, especially under load, will improve our customer conversion rates and customer loyalty:"

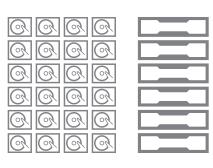
Mr. Jinwoo Jeong, System Team Leader, WeMakePrice



System Overview

System Before System After SanDisk Powered Software Stack

Developers
MySQL 5.5 (in VM)
CentOS 6.5 (in VM)
KVM 1.2
CentOS 6.5
VSL
Fusion ioMemory - ioDrive® 785GB



- 6 x 2U servers, Dual octa-core processors @2.9GHz, 64GB RAM
- OS: CentOS 6.5
- Applications: MySQL 5.5 on CentOS (in VM)

About WeMakePrice

• Hard disks: 4 x 10K RPM, 300GB SAS hard drives in RAID 0+1

company with \$1 billion in revenue, each year.



- Consolidated 6 servers to 2 servers
- Moved MySQL database and VM images off SAS hard disks and onto ioDrive cards



Fusion ioMemory - ioDrive®

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At SanDisk, we're expanding the possibilities of data storage. For more than 25 years, SanDisk's ideas have helped transform the industry, delivering next generation storage solutions for consumers and businesses around the globe.

The performance results discussed herein are based on WeMakePrice internal testing and use of Fusion ioMemory products. Results and performance may vary according to configurations and systems, including drive capacity, system architecture and applications.

WeMakePrice is a social-based e-commerce service company in Korea. Founded in 2010, the market leading company provides services and products to trendy customers and shopping leaders throughout the country. It is a rapidly growing

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