TeraStation

BUFFALO™

For Office Managers

Methods for Expanding PC and Server Storage Space and Rapidly Reading and Writing Data

LVM and iSCSI functions for TeraStation

Features

Assigning each employee a predetermined amount of storage (capacity) and expanding the PC's and server's storage space with the iSCSI function provides vastly superior read/write performance.

Required Equipment

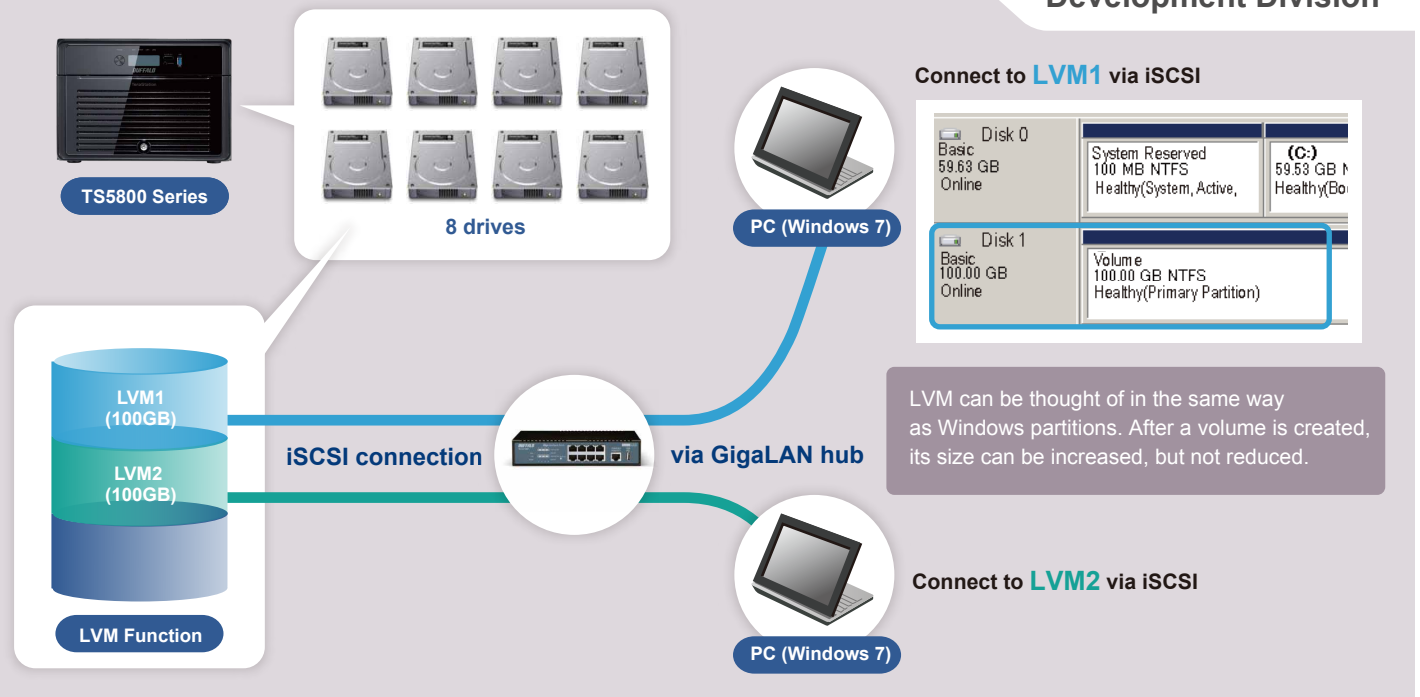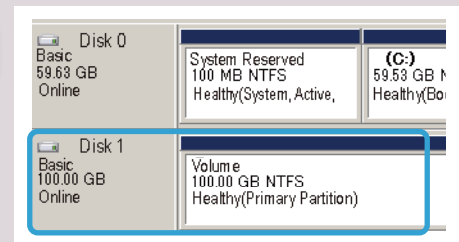TeraStation "TS5800 Series" `desktop`

Capacity: 8 TB - 32 TB

TeraStation "TS5400R Series" `rackmount`

Capacity: 4 TB - 16 TB

Development Division

TS5800 Series

8 drives

Connect to LVM1 via iSCSI

PC (Windows 7)

Disk 0 Basic 59.63 GB Online	System Reserved 100 MB NTFS Healthy(System, Active,	(C:) 59.53 GB N Healthy(Bo
Disk 1 Basic 100.00 GB Online	Volume 100.00 GB NTFS Healthy(Primary Partition)	

LVM1 (100GB)

LVM2 (100GB)

iSCSI connection

via GigaLAN hub

LVM can be thought of in the same way as Windows partitions. After a volume is created, its size can be increased, but not reduced.

LVM Function

Connect to LVM2 via iSCSI

PC (Windows 7)

About BUFFALO

www.buffalo-asia.com

BUFFALO Inc., based in Nagoya, Japan, is a leading global provider of award-winning networking, storage and multi-media solutions for the home and small business environments as well as for system builders and integrators. With three decades of networking and computer peripheral experience, BUFFALO has proven its commitment to delivering innovative, best-of-breed solutions that have put the company at the forefront of infrastructure technology.