

GLOSSARY SECTION

ACC (Action Code)

Refer to the ACC (ACTION CODE) SECTION([ACC00-00](#)).

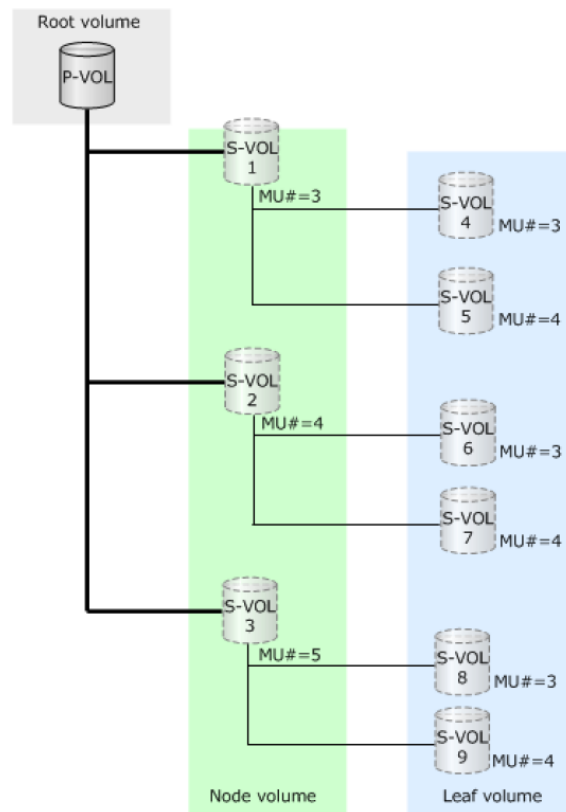
BNST (Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene)

A substance regulated by the Canadian Environmental Protection Act, 1999 (CEPA 1999)

Cascade attribute (Thin Image)

A Thin Image pair that can be used in a cascaded snapshot tree, a pair with the cascade attribute enabled, is called a cascade pair.

A configuration of cascaded snapshot tree is shown below.

**CHB (Channel Board)**

The board is used to connect hosts. There are also Fibre Channel boards.

CHBB (Channel Board Box)

A Channel Board Box is an exclusive chassis used for expanding Channel Boards to 18 or more.

CHK1A

An internal failure has occurred in the processor.

CHK1B

A failure has occurred near the processor.

CHK2

A failure has occurred while accessing the Cache Memory.

CHK3

A failure has occurred while accessing Shared Memory.

Clone Attribute (Thin Image)

A pair for cloning is called a pair with the clone attribute.

If you split pairs with the clone attribute, the data of the entire P-VOL is copied to the S-VOL asynchronously.

When the copy completes, pairs are deleted and the S-VOL is unpaired (becomes a DP-VOL).

CM (Cache Memory)

Intermediate buffer between the channels and Drives.

CM PATH (Cache Memory Access Path)

Access Path from the processors of Channel Board, Disk Board to Cache Memory.

CNA (Converged Network Adapter)

This is an integrated network adapter which supports LAN (TCP/IP) and iSCSI at a 10 Gbps Ethernet speed.

CUDG

Control Unit Diagnosis

CVS

Customizable Volume Size

DKB (DisK Board)

The Disk Board controls data transfer between Drives and Cache Memories.

DP

Dynamic Provisioning

DRR

Data Recovery and Reconstruction

DT

Dynamic Tiering

Entry

The number of entries is an indicator for controlling the number of parity groups on which Quick Format can be performed.

Flash Drive

The appearance is the same with HDD canister. The Drive uses not hard disk, but Flash Memory for storage media. High-speed data access is available compared to the HDD.

FM (Flash Memory)

Each microprocessor has FM. FM is non-volatile memory which contains microcodes.

GAD

global-active device

GUM

Gateway for Unified Management

IDKC

It is the storage system located in the intermediate site in the cascade configuration of the remote copy.

IFB (I/F Board)

The I/F Board controls the Channel Board and the Disk Board, PCI-express interface, local memory, and the communication between the maintenance PCs on Ethernet.

Intermediate Site

It is the intermediate site in the cascade configuration of the remote copy (as the similar term, see “local site” and “remote site”).

LDEV

Logical Device

LDKC

It is the storage system located in the local site of the remote copy.

LDKC

It is the storage system located in the local site of the remote copy.

Leaf Volume (Thin Image)

See “snapshot tree”.

Local Site

The configuration in which there are one primary site and the two secondary sites. It is the secondary site that is mainly used preferentially at the time of failure recovery (as the similar term, see “intermediate site” and “remote site”).

LU

Logical Unit

Maintenance PC

The terms “Maintenance PC” and “MPC” have the same meaning that is indicating a PC for the storage system maintenance work used by service personnel. This manual designates the PC for the maintenance work as “Maintenance PC”, but “MPC” might be used instead of “Maintenance PC” in windows, software names and messages.

Maintenance Utility

A window displaying the management function and the maintenance function that service personnel and users can access.

MCU

Main Disk Control Unit

min-1

“min-1” is a unit of SI (International System of Units), and means “per minute”, the same meaning with “rpm (Revolution Per Minute)”.

MP

Micro Processor

MPC

The terms “MPC” and “Maintenance PC” have the same meaning that is indicating a PC for the storage system maintenance work used by service personnel. This manual designates the PC for the maintenance work as “Maintenance PC”, but “MPC” might be used instead of “Maintenance PC” in windows, software names and messages.

Node Volume (Thin Image)

See “cascade attribute”.

ORM

Online Read Margin

P-VOL

Primary Volume

PCB

Printed Circuit Board

PDKC

It is the storage system located in the primary site of the remote copy.

PECB (PCIe Channel board)

This is an exclusive Channel Board to transmit the Channel Board signal to the PCIe cable.
It connects one PCIe cable for each.

PKC

Parts Kind Code

PCP (PCIe-cable Connecting Package)

This is a package to transmit the Channel Board signal that was transmitted from the PCIe cable to SWPK.
It connects one or two PCIe cables with a double connector.

Primary Site

It is the site to perform the application in normal operation.

RCU

Remote Disk Control Unit

RDKC

It is the storage system located in the secondary site (remote site) of the remote copy.

Remote Site

It is the site that performs the application by switching from the primary site when a failure occurs. It is also called as "Secondary site" (as the similar term, see "intermediate site" and "local site").

Root Volume (Thin Image)

See "snapshot tree".

S-VOL

Secondary Volume

SFF (Small Form Factor)

SFF is a 2.5 inch drive. It is a generic term of components such as chassis equipped with 2.5 inch Drives.

SI

ShadowImage

SIM

Service Information Message

SIM RC

Service Information Message Reference Code

SMU (System Management Unit)

Offers SMU as GUI to manage by the program that provides the file management function.

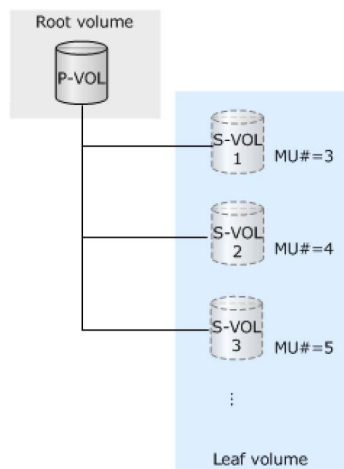
SM

Shared Memory

Snapshot Tree (Thin Image)

A Thin Image pair configuration where snapshot data is stored is a snapshot tree.

A snapshot tree is shown below.



Node Volume (Thin Image): Volumes between the root and leaf volumes are called node volumes. See “cascade attribute”.

Leaf Volume (Thin Image): Volumes in the bottom layer of the snapshot tree are called leaf volumes. See “snapshot tree”.

Root Volume (Thin Image): A volume in the top layer of the snapshot tree is called a root volume. See “snapshot tree”.

SNMP

Simple Network Management Protocol

SSB

Sense Byte

SSD (Solid State Drive)

Refer to the description of Flash Drive.

SWPK (Switch Package)

This is a package that mounts PCIe Switch and it has the function to distribute the Channel Board signal that was transmitted from the Controller Chassis to each Channel Board.

TC

TrueCopy

TI

Thin Image

T.S.D.

Technical Support Division

UR

Universal Replicator

UVM

Universal Volume Manager

VM

Volume Migration

WCHK1

The MP is in the inoperable state due to the various failures (CHK1, CHK2, CHK3, micro bugs and others).

Web Console

A Storage Navigator installed in the Maintenance PC.

WWN

World Wide Name