

# *Compaq SANworks™*

## *Release Notes*

### **Data Replication Manager HSG80 Array Controller (ACS Version 8.5P) for Windows NT- Intel**

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*This document summarizes features and characteristics of Compaq SANworks Data Replication Manager that are supported in Version 8.5P of the HSG80 Solution Software for Windows NT-Intel platform kit.*

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These Release Notes provide information for Data Replication Manager (operating with HSG80 Array Controller Software (ACS) Version 8.5P) not covered elsewhere in the documentation. Individuals responsible for configuring, installing, and using the Data Replication Manager solution should use this document.

#### **Please read this entire document before installing or upgrading the software.**

These release notes include the following sections:

- Association Sets
- Avoiding Problem Situations

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*Compaq SANworks Data Replication Manager Release Notes for Windows NT-Intel*

First Edition (April 1999)

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## Association Sets

The Data Replication Manager solution with Secure Path 2.2.2 is limited to Association Sets of no more than one remote copy set. Secure Path 3.0 will support Association Sets with more than one remote copy set.

## Avoiding Problem Situations

Under certain conditions, you may experience unusual system behavior. This section presents information to help you avoid such situations and to recover from them if they occur.

### Check Status

If a target controller or switch becomes inoperative and the Windows NT host is rebooted, Secure Path Manager will not provide a report informing you that you have lost multi-path capability.

If you attempt to move a lun to the inoperative path, a warning message appears indicating that you should check the Application Event Log for details. This may be an indication that you have lost multi-path capability.

Check the status of links, target switches, and target controllers.

### LUNs Numbered Incorrectly

When LUNs are moved between hosts (such as during a site failover or a site failback), it is possible that the LUNs may become out of letter order.

To prevent the “out of letter order” status, before booting the Windows NT host, follow step 1 or 2 below:

1. Make sure all LUNs are failed over to one HSG80 path. From the HSG80 CLI prompt, issue the following command:  
**RESTART OTHER\_CONTROLLER**
2. Use Disk Administrator to assign the correct drive letter so that the disks will now match the units on the controller.
3. Once Windows NT sees the disks ordered properly, use Secure Path Manager to move the units to the correct path.

### **Waiting for Write History Logging Disks**

After clearing invalid cache and lost data, remote copy sets will halt. If you issue the CLI command, `SHOW REMOTE_COPY_SETS FULL`, you will see the following error message:

"Waiting for write history logging disks to become ready."

Restart the controller.

### **Ignore Percentages**

During the transition time between site failover and site failback, the log, merge, and copy percentages on the original initiator displayed by VTDPY are not valid. Disregard these percentages.

## **Visit our Website for the Latest Information**

Check our website for the latest drivers, technical tips and documentation for the Data Replication Manager solution. Visit the Compaq website at:

<http://www.compaq.com/products/storageworks/>