Compaq SANworks

Release Notes
Data Replication Manager over an ATM Link

Part Number: EK-DRMAL-RA. A01

April 2001

This document summarizes Asynchronous Transfer Mode issues for Data Replication Manager. For the latest version of these Release Notes and other Data Replication Manager documentation, visit the Compaq storage website at:

http://www.compaq.com/products/storageworks/Storage-Management-Software/DataRepuserdoc.html

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Release Notes Contents

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Audience

This document is intended for customers who purchased the Compaq SANworks Data Replication Manager, and for Compaq authorized service providers responsible for installing, configuring, and maintaining systems that include Data Replication Manager.

The user of this document must be familiar with the Command Line Interpreter (CLI) switch commands that are issued during a telnet session.

Asynchronous Transfer Mode (ATM) Issues

Please note the following issues:

1. In an ATM environment, when all ports on the Compaq Fibre Channel switch are in use, there may be an intermittent problem when the ATM link is down and the switch is rebooted: the E-Port may not come up correctly. To determine if this problem has occurred, issue a “SwitchShow” command from a telnet session connected to the switch. If the E-port associated with the ATM link shows anything other than:

   E-Port *wwid number* upstream

   or

   E-Port *wwid number* downstream,

   then the switch is improperly initialized. To correct this condition, restore the ATM link and then issue a “fastboot” command at the switch. All ports, including the E-Port connected to the ATM links, should now initialize correctly.

2. With the release of version 2.1.9g of the Compaq switch firmware, a new operation mode (SYNC IO mode) has been added to ensure switch-to-switch communications in an ATM environment. When the switches are used in this environment, set the following configuration parameter to 1 on all four switches in the DRM over an ATM link Storage Area Network (SAN):

   SYNC IO mode: (0..1) [0]