

IBM System Storage SAN Volume Controller



Service Guide - Errata

Version 4.1.0

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Contents

Who should use this guide	5
Last Update	5
IBM Taiwan Product Service	7
SAN Volume Controller 2145-8F4 ports not used	9
SAN Volume Controller 2145-8F4 service ports	9
Understanding the node error codes	11

About this guide

This guide provides errata information that pertains to release 4.1.0 of the *IBM System Storage SAN Volume Controller Service Guide*.

This guide contains the corrections and additions on a per chapter basis. The chapter numbers in this guide correspond directly with the chapter numbers in the *Service Guide* supplied with your SAN Volume Controller.

Who should use this guide

Before using the IBM System Storage SAN Volume Controller, you should review the errata contained within this guide and note the details with respect to the copy of the *Service Guide* supplied with you SAN Volume Controller.

Last Update

This document was last updated: August 3, 2006

About this guide

The following correction should be noted.

Add this new section following "Related Web sites"

IBM Taiwan Product Service

IBM Taiwan Product Service Contact Info:

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Chapter 1. SAN Volume Controller overview

The following correction should be noted.

SAN Volume Controller 2145-8F4 ports not used

Correction to the list of ports not used.

The SAN Volume Controller 2145-8F4 is equipped with several ports which are not used by the SAN Volume Controller, and have not been tested. Use of these ports, in conjunction with the SAN Volume Controller 2145-8F4 or any other application that might be run on this hardware, is not supported. See Figure 20 for those ports that are not used. In some countries these ports will be covered with self-adhesive non-removable labels.

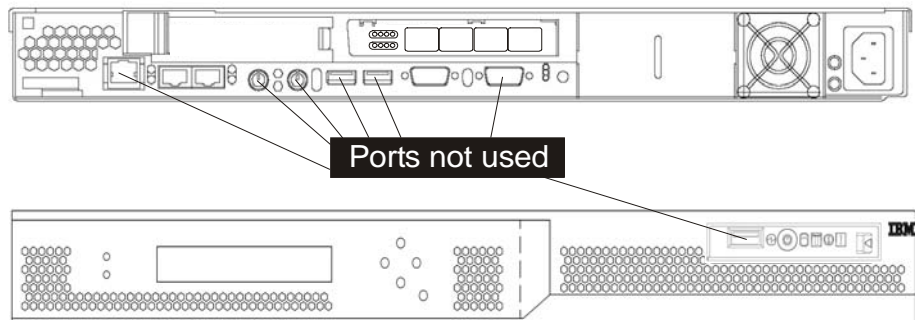


Figure 20. Ports not used

SAN Volume Controller 2145-8F4 service ports

Added definition of service port.

The SAN Volume Controller 2145-8F4 is equipped with a second Ethernet port that is only used during service activity. This port is not used for network communication and has not been tested. Use this port only when directed to do so by the maintenance procedures.

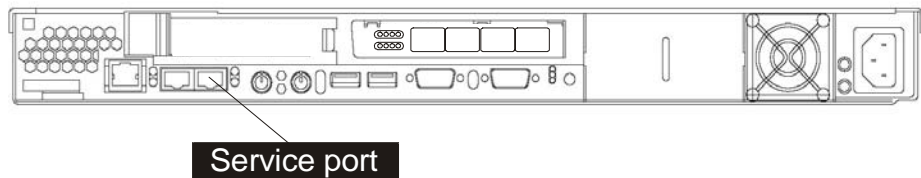


Figure 20a. Service port

Chapter 6. Diagnosing problems with the SAN Volume Controller, the uninterruptible power supply, and the master console

The following correction should be noted.

Understanding the node error codes

Page 218, replace the section for node error 564.

564

Explanation

This 2145 node is repeatedly crashing because of a software failure. Software dump data is available in the Dumps directory.

If this is the only node with this problem and if you can still access the data on the virtual disks (VDisks), perform the following actions. If more than one node has this problem or if you cannot access the data on the VDisks, call your support center for assistance.

Action

1. Use the front panel controls to delete the node from the cluster. To do this:
 - a. Display Node on the front panel menu. See the 2145 menu options.
 - b. Press the left or right buttons until "Create Cluster?" is displayed.
 - c. Press select. "Delete Cluster?" is displayed.
 - d. Press and hold the up button.
 - e. Press and release the select button.
 - f. Release the up button. The node is deleted from the cluster and restarts.
2. Delete the node from the cluster. See Deleting a node using the 2145 application on the master console.
3. Fully power-off the node.
4. Power on the node.
5. Add the node back into the cluster. See Adding a node to a cluster using the 2145 application on the master console.
6. Call your software support center for assistance.

Possible Cause-FRUs or other:

- None

Other:

- Software error.

