

IBM System Storage SAN Volume Controller



Hardware Installation Guide - Errata

**Version 4.3.0
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GC27-2132-02-errata

Contents

Introduction	5
Who should use this guide	5
Last Update	5
Change History	5
Chapter 6. Installing the SAN Volume Controller 2145-8G4 hardware	7
Preparing for the SAN Volume Controller hardware installation	7

Introduction

This guide provides errata information that pertains to release 4.3.0 of the *IBM System Storage SAN Volume Controller Hardware Installation 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 *Hardware Installation Guide* supplied with your SAN Volume Controller.

Who should use this guide

This errata should be used by anyone using the *IBM System Storage SAN Volume Controller Hardware Installation Guide*. You should review the errata contained within this guide and note the details with respect to the copy of the *Hardware Installation Guide* supplied with your SAN Volume Controller.

Last Update

This document was last updated: August 14, 2008

Change History

The following revisions have been made to this document:

Revision Date	Sections Modified
August 14, 2008	New publication

Table 1: Change History

Chapter 6. Installing the SAN Volume Controller 2145-8G4 hardware

The following corrections should be noted.

Preparing for the SAN Volume Controller hardware installation

The following additional information is provided.

Page 35

There are several steps that you must perform to prepare for the installation of the optional redundant ac power switch, the uninterruptible power supply, the IBM System Storage Productivity Center, and the SAN Volume Controller.

Perform the following steps to prepare for installation:

1. Ensure that you have everything you need for installation, including the customer-completed planning tables and charts that are provided at <http://www.ibm.com/storage/support/2145>.

The *IBM System Storage SAN Volume Controller: Planning Guide* provides guidelines for completing the planning tables and charts. These tables include the location of hardware, cable connection, and configuration data information that you need to complete the installation procedures. If you are connecting cables to switches that are currently in use, confirm with the customer that it is safe for you to proceed. Go no further with these instructions until you are satisfied that all the information is correct and valid.

2. Before starting the installation, you must verify that all the parts that have been ordered have been received, and that all the component assemblies are complete. If any piece is missing, contact the appropriate IBM representative.

Check you know the number of nodes that were ordered and the optional features and quantities ordered. Each node is shipped in three boxes, one box containing the UPS, one box containing the publications and ship group parts and a third, main box which contains all other parts.

A label on the main box will indicate the features shipped. Check the contents and quantity matches the order. The feature codes are:

- Feature code 0010: initial SAN Volume Controller 2145-8G4 software preloaded on feature code 3001 and 3002

Either

-Feature code 3001: initial SAN Volume Controller 2145-8G4 node, quantity 1,

or

- Feature code 3002: additional SAN Volume Controller 2145-8G4 node, quantity 1

- One of the following country specific SVC 2145-8G4 power cable feature codes : 9714, 9715, 9716, 9717, 9718, 9719, 9720, 9721, 9722, 9723, 9724, 9725, 9726, 9727

- Feature code 8115: 2145-1U uninterruptible power supply kit, quantity 1

- Optionally feature codes 5301 and 5325 for SAN Volume Controller fiber optic cables, quantity 1 to 4

- Optionally feature codes 8300: redundant ac power switch, quantity of 1

Then check that the correct part set has been shipped for the feature codes. Unless otherwise stated you will find the feature code contents in the main box.

- Feature code 0010 is preinstalled software, there is no shipped part for this.

- Feature codes 3001 and 3002 ship the same parts. Check you have:

- An SVC engine model 8G4
- Part number 42R6461 : SAN Volume Controller 2145-8G4 support rail kit, quantity 1. This kit contains:

- a left side rail
- a right side rail
- 4 M6 screws in a plastic bag

- A separate box labeled Part number 31P0914: SAN Volume Controller user publications and 31P0912: ship group

- 31P0914 contains:

- SVC 4.3.0 Read first
- IBM Systems Safety Notices
- SVC 4.3.0 Hardware Installation Guide
- SVC 4.3.0 Software Installation and Configuration Guide
- SVC 4.3.0 Service Guide
- SVC 4.3.0 Licence information for IBM CIM Agent and Console for System Storage SAN Volume Controller
- SVC 4.3.0 Licence information for System Storage SAN Volume Controller
- SVC 4.3.0 Statement of Limited Warranty
- IPLA booklet for warranted products
- ILA booklet with pointer sheet
- IBM agreement for acquisition of support
- IBM licence information for machine code
- Other miscellaneous fliers

- 31P0912 contains:

- Part number 31P1045 : SAN Volume Controller power cable retention bracket, quantity 1

and either:

- Part number 31P0763 : Kit containing the power and signal cable bundle, quantity 1
- Part Number 39Y9494 : Serial patch cable
- Part Number 31P0991 : Flier for cable installation

or:

- Part number 31P1063 : Kit containing the power and signal cable bundle, quantity 1

- Feature codes 9714, 9715, 9716, 9717, 9718, 9719, 9720, 9721, 9722, 9723, 9724, 9725, 9726, 9727 each ship a single power cable, The power plug should be appropriate for your location unless you are connecting to a rack mounted PDU

- Feature code 8115 ships in a separate box labelled PN 31P0874. Check this box contains:

- 2145-1U uninterruptable power supply, quantity 1
- Uninterruptable power supply rail kit, quantity 1
- Power cable for connection of the uninterruptable power supply to a rack PDU, quantity 1
- Multilingual battery reconnect flyer and other miscellaneous flyers

- Optional Feature codes 5305 and 5325, the fibre channel cables are shipped in plastic bags, one cable per bag. Labelled PN 12R9914 and PN 12R9915

- Optional feature code 8300 ships in a box within the main box. Check it contains

- Part number 95P5083: redundant ac power switch, quantity 1
- Part number 31P0966: power cables, quantity 2
- Part number 96P1728: mounting plates, quantity 2
- Part number 12J5289: hex head screws, quantity 4
- Part number 00N8709: c clips, quantity 4
- Part number 24R0207: other screws, quantity 6
- Part number 31P0876: label set, quantity 1

If feature codes 5301 or 5325 were not ordered, the customer must supply the fibre channel cables. Check that four cables per node are available.

Note:Part numbers are subject to change between SVC releases. The part numbers listed here may not always reflect what the customer has received.

