

StorageWorks™ Solutions

Disaster Recovery Solutions Release Note

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May 1998

This document summarizes features and characteristics of the Disaster Recovery Solutions that are not covered elsewhere in the documentation.

Revision/Update Information:

Revision to add Remote Disk Storage support

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Preface

These release notes provide information for the Disaster Recovery Solutions not covered elsewhere in the documentation. This document should be used by individuals who are responsible for configuring, installing, and using Disaster Recovery Solutions.

Read this entire document before installing or upgrading the Disaster Recovery Solution.

Disaster Recovery Solutions

This document has been prepared for DIGITAL customers who have purchased a Disaster Recovery Solution. These release notes cover the following topics:

- Hardware and software supported by the Disaster Recovery Solutions
- Configuration Restrictions

Hardware and Software Support

This section lists the hardware and software compatible with the Disaster Recovery Solution.

SCSI Extender Support

The following SCSI Extender has been tested and is supported in this release.

- DWZGA-AA Firmware version (U241)

Device Support - Remote Tape Backup

Operating System Support

The Disaster Recovery Solutions support the following operating systems.

- Digital UNIX V3.2g
- Digital UNIX V4.0b
- Digital UNIX V4.0d
- OpenVMS Alpha V6.2-1H3
- OpenVMS Alpha V7.1-1H1

Host Adapter Support

The following host adapter has been tested and is supported for the Remote Tape Backup disaster recovery solution.

KZPSA-BB Firmware version A11 for AlphaServer 1000, 1000A, 2000, 2100, 4000, 4100, 8200, 8400.

KZPBA-CB Firmware version 5.53 for AlphaServer 1200, 4000, 4100, 8200, 8400 (Digital UNIX 4.0d only)

Tape Drives

The following tape drives have been tested and are supported in this release.

Table 1: Supported Tape Drives

Device	Capacity in Gigabytes	Minimum Microcode Version	Minimum Hardware Version	Notes
TL812	960/1920	1.2 robot/CC33 drive	A01	1,2
TL822	5280/10560	1g4F robot/CC33 drive	A01	1,2
DS-TL893	9.24/18.48T	V2A/5A	A01	1,2
DS-TL894	1.69/3.36T	V1.24	A01	1,2

Notes:

1. Capacity values represent compressed data. The compression factor is device dependent based on individual device algorithms and data patterns.
2. Cannot read TK50, TK70 or TZ30 formatted tapes.

Device Support - Remote Disk Storage

Operating System Support

The Disaster Recovery Solutions support the following operating systems.

- Digital UNIX V3.2g
- Digital UNIX V4.0b
- Digital UNIX V4.0d
- OpenVMS Alpha V7.1-1H1

Host Adapter Support

The following host adapter has been tested and is supported for the Remote Disk Storage disaster recovery solution.

KZPBA-CB Firmware version 5.53 (for AlphaServer 1200, 4000, 4100, 8200, 8400)

Shelves

The following shelves have been tested and are supported in this release.

Table 2: Supported Shelves

Device	Notes
DS-BA356-SF	Empty, blue BA356 shelf, single port differential ultra personality module backplane bus jumper for single bus operation dual speed blowers
DS-BA356-JF	Same as DS-BA356-SF with: 180W power supply metric mounting hardware
DS-BA356-KH	Same as DS-BA356-SF with: 180W power supply pedestal assembly

Disk Drives

The following disk devices have been tested and are supported in this release.

Table 3: Supported Disk Drives

Device	Capacity in Gigabytes	Rotation Speed	SCSI Support	Misc.
DS-RZ1CB-VW	4.3	7200 RPM	Ultra, wide	Blue SBB
DS-RZ1DB-VW	9.1	7200 RPM	Ultra, wide	Blue SBB

Restrictions

The following restrictions apply to the Disaster Recover Solution.

Supports only point-to-point topologies using single mode optic fiber with maximum length of 15 km. Hubs and switches are not supported.