

Page: 1 of 25



PowerSnap Version 2.5 Greylock

User Documentation Plan (UDP)

Revision History

Version	Description of Change	Author	Date
0.01	New draft of the PowerSnap 2.5 User Documentation Plan (UDP)		09/30/08
0.02	Added SPP information and made minor heading 3 adjustments for TOC		10/08/08
0.03	Added feedback suggestions from Mona Tse		10/17/08
0.04	Added feedback suggestions from Michele Clarke and Swati Doshi		10/21/08
0.05	Added additional feedback suggestions from Swati Dosh	Reyn Johnson	10/23/08
1.0	Added PowerSnap white paper and tech notes information		11/07/08
1.01	Added L10N date detail from Kristin Badolato		11/12/08

Approvers

Department	Name	Signature	Date
Product Management for PowerSnap	Subodh Bhargava		
Development	Tom Dings and Eric Matthies		
QA	Swati Doshi and Tom Falk	eRoom Poll	eRoom Poll
Tech Pubs	Lou DiTeodoro, Reyn Johnson		
Support	Michele Clarke		

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Table of Contents

1.	Introduction	4
1.1	Purpose and Scope	∠
1.2	Related Documents	∠
2.	Product Features	∠
2.1	Required Features	∠
2.2	User Interface	5
2.2.1	Deduplication:	5
2.2.2	Localization	5
2.2.3	Multiple save set	5
2.2.4	Same revision level	6
2.2.5	Optional application variables	6
2.3	Defect (Bugs and RFEs) and Issue Tracker Publishing	6
2.3.1	Documentation Defects to be Resolved	6
2.3.2	Currently Posted Issue Tracker Open Issues	6
2.4	Defect Tracking Guidelines	6
2.5	Documentation Defect Verification Guidelines	7
3.	Documentation Compliance Requirements	
3.1	Localization Requirements	
3.1.1	Localization Contacts	8
3.1.2	Documents to Localize	9
3.1.3	File-naming Conventions for Localized Document Interchange	10
3.1.4	Online Help and Context Help Localization	10
3.1.5	Additional Documentation Requirements for Localization	10
3.1.6	Localization Milestone Dependencies	11
3.2	Branding Requirements	11
4.	Documentation Content Specifications	11
4.1	Documentation Deliverables and Part Numbers	11
4.2	Online Help	11
4.3	Documentation Outlines	12
4.3.1	NetWorker PowerSnap Module Command Reference Guide	12
4.3.2	Symmetrix DMX Installation Guide	12
4.3.3	Symmetrix DMX Administration Guide	13
4.3.4	CLARiiON Installation and Administration Guide	14
4.3.5	NAS Devices Version 2.5 Installation and Administration Guide	16
4.3.6	RecoverPoint Installation and Administration Guide	17
4.3.7	Release Notes	19
4.3.8	Issue Tracker	20
4.3.9	Sunset notifications	21
5.	Documentation Reviews	21
5.1	Tracking Documentation Reviews	21
5.2	Reviewer Responsibilities	21
6.	Schedule	21





6.1	Major Milestones	22
6.2	Risks	22
7.	EMC Production and Release Methodology	22
7.1	Templates	22
7.2	Processes	22
7.3	Tools	23
7.4	Manufacturing	23
7.5	Distribution	23
8.	Addendum: Changes to the Release after UDP Approval	24
8.1	PRD Change Requests that Impact Documentation	24
8.2	Changes to the User Documentation Plan	24



1. Introduction

1.1 Purpose and Scope

This user documentation plan outlines the resources required to produce the NetWorker Module for PowerSnap 2.5 user documentation. It includes a high-level overview of the Technical Publications (Tech Pubs) deliverables and the product features to be documented. It also provides an estimated Tech Pubs schedule that contains high-level milestones such as the dates for review, handoff to testing, and final check-in.

1.2 Related Documents

The following documents are the entry requirements for Technical Publications to deliver an *approved* User Documentation Plan with resources, deliverables, and a project schedule before exiting Checkpoint 4.]

Document Title	Version	Date	Author	Required?
PRD	1.1	09/02/08	Subodh Bhargava	Yes
Software Requirements Specification	0.3	09/25/08	Eric Matthies/John Nogueira	Yes
Software Project Plan (SPP)	NA	10/03/08	Eric Matthies	Yes
Program Schedule	Draft	NA	Ken Auerbach	Yes

2. Product Features

The following list of features is extracted from the PRD document. It is summarized in the UDP for context and prioritization purposes. Should a conflict exist in the feature description between the UDP and the PRD, the PRD takes precedence. An estimated time and resource impact is included.

2.1 Required Features

The following table lists features and updates to be documented. Each feature contains a unique identifier from the PRD.

Feature Req (from PRD)	Doc Impact ^a	Info Type ^b	Page Count	Time Estimates ^c	Tech Pubs Resources ^d
Requirement 1 Interoperability matrix	None			NA	
Requirement 2 Restore old backups	2	AG IGAGs RN	2 2 1	5 hours	Reyn Johnson

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Page: 5 of 25



Requirement 3 Deduplication	2	AG IGAGs RNs	1	2 hours	Reyn Johnson
Requirement 4 Security update	None			NA	
Requirement 5 Localization	4	AG IAG IG CRG	Entire doc set except RNs	10 hours	Reyn Johnson
Requirement 6 IPv6	2	RNs	1	< 1 hour	Reyn Johnson
Requirement 7 NMM 2.2	2	RNs	1	< 1 hour	Reyn Johnson
Requirement 8 RecoverPoint for Win2k8	2	IGAG RNs	2	1 hour 1 hour	Mike Quinn
Requirement 15 Multi-save set restore	2	AG IGAGs RNs CRG	2 2 2 1	4 hours	Reyn Johnson
Linux platform installation information	2	Symm/ CLARiiON IGs	2	Already done	Reyn Johnson

[[]a Each feature has a Technical Publications documentation impact rating; 0 = No doc impact; 1= Release Note; 2 = Few lines (up to 1 page); 3 = Few pages (2 to 4 pages); 4 = Feature (5 + pages).

2.2 User Interface

2.2.1 Deduplication:

Configuration for de-dup file system/module-based backup and restore (not NAS Devices SCM).

2.2.2 Localization

PowerSnap SHALL localize all Windows install screens and Unix man pages as well submit for translation all new or changed user visible messages.

2.2.3 Multiple save set

Addition of -p option for nsrsnap_recover for multiple save set recovery

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b Information Types include: AG = Administration Guide; IG = Installation Guide; RN = Release Notes; IAG = Installation and Administration Guide; OH = Online Help; CH = Context Sensitive Help; Wiz = Wizard development; BF = Bug fixes; TMP = Standards, styles/template updates; IT = Issue Tracker.

^c Time Estimate formula is: 1 page = 7 hours. This includes time spent by people whose effort is within control. For example, count in average hours per page, the time it takes to: manage the project; research and interview; write and edit; illustrate; proofread; translate; prepare for publication; attend project meetings; review sessions; incorporate review.

^d Technical Publications Resources are determined by the total Time Estimate with respect to the planned project duration (begin date through RTM/GA).]

PowerSnap Version 2.5 UDP



Page: 6 of 25

Specification of the usage rules and restrictions that users will need to be aware of when making use of the "-p" option.

2.2.4 Same revision level

"Greylock" requires that the client and the proxy host be at the same revision of PowerSnap. This means both the client and the proxy will have to be updated to PowerSnap 2.5 at the same time.

Backup and restore operations will not be possible with a mix of PS V2.5 and all prior PS releases on the proxy and client.

2.2.5 Optional application variables

Optional application variables that are used through the NetWorker Client resource will require documentation.

2.3 Defect (Bugs and RFEs) and Issue Tracker Publishing

[Use this section to list any known documentation bugs and RFEs to be fixed in this release. List also any open Issue Tracker issues.]

2.3.1 Documentation Defects to be Resolved

The following table lists documentation defects (bugs and RFEs) that are to be resolved by Technical Publications for this release.

Defect Number	Description	Responsible Writer

2.3.2 Currently Posted Issue Tracker Open Issues

The Release Notes for the various SCMs list open issues that are also posted in Issue Tracker prior to this release.

2.4 Defect Tracking Guidelines

[This section defines the guidelines that project team members should use during the project when creating bug reports related to documentation. The values for the fields in the table should be defined by the project team and should match those used by QA and other departments for their bug tracking guidelines. The following is an example for a project that uses ClearDDTS.]

All documentation defects applicable to the release should be created using the appropriate Report Type:

- "Docs" for printed/PDF documentation.
- "Bug" for online help only.

The following guidelines apply to the defect report fields:



Page: 7 of 25

Defect Report Field	Value
Product	PowerSnap
Project	NetWorker
Branch	rb_ps_greylock
Legato-Prg	Greylock
Keywords	DOCS (can also include other keywords but must include DOCS)
Affects-doc	Y
Release	2.5
EMC_prj	Code Name
Planned_Rel	2.5
Engineer	rejohnso mquinn (Mike-RecoverPoint snapshot control module)
Impacts	Tech Pubs
More-mail	ps-dev and ps_qa
Other-resp	TBD

All team members (not just Technical Publications members) are expected to follow these guidelines; however, it is ultimately the responsibility of the individual feature writers to verify that all defects assigned to them are filled out correctly.

2.5 Documentation Defect Verification Guidelines

[This section defines the guidelines that project team members should use during the project when verifying bug reports related to documentation. Vary these instructions as appropriate for your particular team.]

The following procedure will be used by Technical Publications when documentation defects are resolved, to facilitate verification by Quality Assurance engineers:

A PDF version of the affected document will be uploaded to the project eRoom in the Technical Publications folder. "Track versions" will be enabled.

When the documentation defect is marked as resolved in DDTS, the resolver will include a link in the resolution enclosure to the PDF in the eRoom that contains the fixed documentation.

When the resolver checks the fixed documentation into CVS, the bug ID of the defect that was fixed will be included in the "Comment" for the check-in.

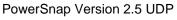
The resolver will also include CVS check-in information in the DDTS resolution enclosure, for example:

CVS check-in information:

/cvs/charon/cvs_root/projects/networker/nw_ag_all/ux_win_ag_7.4/c27_troubleshooting_c.fm,v <--c27_troubleshooting_c.fm

New revision: 1.9; previous revision: 1.8

(This text is copied from the TortoiseCVS Commit window after the commit is completed.)





Page: 8 of 25

3. Documentation Compliance Requirements

This section identifies the requirements to produce documentation in response to the features and requirements specified in the PRD for the product.

3.1 Localization Requirements

All SCM IG, AG, IGAGs, and CRG will be localized into Japanese, similarly to the PowerSnap Version 2.4 and SPs.

To reduce localization costs and improve the usability of user documentation, a strategy of "minimalism" and globalized English will be implemented for the documentation. Minimalism involves the removal of unnecessary text (such as "lead in" paragraphs), and the selective use of screenshots and graphics. Globalized English facilitates non-native English speakers and the localization of the product documentation.

The IRM Tech Pubs Localization Process Standard document provides current information on documentation localization:

http://opseroom01.corp.emc.com/eRoom/lgtoswpd/TechnicalPublicationsforIPIDMandMSGing/0_83c7a

3.1.1 Localization Contacts

[Technical Publications will work with the International Product Operations Team member to determine specific requirements.]

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3.1.2 Documents to Localize

Technical Publications shall localize the following documentation:

Document	Language(s)	FrameMaker	Other source
		source files	files
EMC NetWorker PowerSnap Module for RecoverPoint, Version 2.5, Installation and Administration Guide	Japanese	appendix_Large_A.fm appendix_Large_B.fm chapter1_Large.fm chapter2_Large.fm chapter3_Large.fm chapter5_Large.fm chapter6_Large.fm displaysary.backup.fm displaysary.fm dispreface.fm firecoverpt.book	None
EMC NetWorker PowerSnap Module for NAS Devices Version 2.5 Installation and Administration Guide	Japanese	RS2.4_NAS_IGAG.book appendix_Large_A.fm appendix_Large_B.fm appendix_Large_C.fm appendix_Large_D.fm appendix_Large_D.fm appendix_Large_D.fm appendix_Large_J.fm	None
EMC NetWorker PowerSnap Module for CLARiiON, Version 2.5, Installation and Administration Guide	Japanese	PS2.4_CLAR_IGAG.book	None



Document FrameMaker Other source Language(s) source files files EMC NetWorker PowerSnap Japanese PS2.4_Symm_AG.book None appendix_Large_A.fm Module for EMC Symmetrix appendix_Large_B.fm DMX, Version 2.5, appendix_Large_C.fm appendix_Large_D.fm Administration Guide appendix_Large_E.fm chapter_Large_1.fm chapter_Large_2.fm chapter_Large_3.fm 📆 glossary.fm 📆 preface.fm PS2.4_Symm_AGIX.fm PS2.4_Symm_AGTOC.fm title_Large.fm Japanese EMC NetWorker PowerSnap PS2.4_Symm_IG.book None appendix_Large_A.fm Module for EMC Symmetrix chapter_Large_1.fm DMX, Version 2.5, Installation chapter_Large_2.fm chapter_Large_3.fm Guide glossary.fm preface.fm PS2.4_Symm_IGIX.fm PS2.4_Symm_IGTOC.fm title_Large.fm PS2.4_CRG.book None NetWorker PowerSnap Module, Japanese nsrpsd.fm Version 2.5, Command nsrsnap.fm Reference Guide nsrsnap_recover.fm nsrsnap_save.fm nsrsnapadmin.fm nsrsnapck.fm preface.fm psrollback.res.fm title_Large.fm

3.1.3 File-naming Conventions for Localized Document Interchange

The localized languages, and filenames for documents exchanged between EMC and the translation vendor will use the following abbreviations and naming conventions:

Language	Prefix	Filename	Description
Japanese	None	*_jp_elccnt_0.pdf	File name suffix

3.1.4 Online Help and Context Help Localization

There are no online Help and Context Help localization deliverables.

3.1.5 Additional Documentation Requirements for Localization

[Use this section for any other localization documentation requirements that do not fit in other sections.]

PowerSnap Version 2.5 UDP Page: 11 of 25



3.1.6 Localization Milestone Dependencies

Estimate for net changes to documentation is to be delivered by 10/10. There will be two L10N drops to the localization team for the Greylock project.

3.2 Branding Requirements

There are no branding requirements or deliverables for the Greylock PowerSnap version.

4. Documentation Content Specifications

This section describes the product documentation set for Greylock.

4.1 Documentation Deliverables and Part Numbers

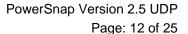
The following table lists deliverables and part numbers, if applicable, that will be provided by Technical Publications for this project:

Deliverable	Part number
EMC NetWorker PowerSnap Module for RecoverPoint Version 2.5 Installation and Administration Guide	P/N 300-008-027
EMC NetWorker PowerSnap Module for RecoverPoint Version 2.5 Release Notes	P/N 300-008-028
EMC NetWorker PowerSnap Module NAS Devices Version 2.5 Installation and Administration Guide	P/N 300-008-029
EMC NetWorker PowerSnap Module NAS Devices Version 2.5 Release Notes	P/N 300-008-030
EMC NetWorker PowerSnap Module for EMC CLARiiON Version 2.5 Installation and Administration Guide	P/N 300-008-031
EMC NetWorker PowerSnap Module for EMC CLARiiON Version 2.5 Release Notes	P/N 300-008-032
EMC NetWorker PowerSnap Module for EMC Symmetrix DMX Version 25 Administration Guide	P/N 300-008-033
EMC NetWorker PowerSnap Module for EMC Symmetrix DMX Version 2.5 Installation Guide	P/N 300-008-034
EMC NetWorker PowerSnap Module for EMC Symmetrix DMX Version 2.5 Release Notes	P/N 300-008-035
EMC NetWorker PowerSnap Module Version 2.5 Command Reference Guide	P/N 300-008-036

Note that all manuals are provided in PDF format only. Online help is delivered in the format specified below.

4.2 Online Help

There is no online help deliverable.





4.3 Documentation Outlines

This section provides proposed general outlines for the product documentation. Applicable requirements from the PRD are listed under the section in which they will be documented. Only sections that are changing are listed, for example:

4.3.1 NetWorker PowerSnap Module Command Reference Guide

Preface
nsrpsd
nsrsnap
nsrsnap_recover
Restore old backups
Multi-save set restore
nsrsnap_save
nsrsnapadmin
nsrsnapck
psrollback.res

4.3.2 Symmetrix DMX Installation Guide

Preface

Chapter 1: Installing the PowerSnap Module software

Installing the PowerSnap Module software

Overview

Requirements

PowerSnap configuration checker

Installation

Linux platform

Upgrading to PowerSnap Version 2.5

Configuration choices

Removing the PowerSnap Module software

Chapter 2: Configuring the NetWorker server

Using preprocessing and postprocessing scripts

NetWorker software configuration requirements

Configuring a snapshot policy

Configuring the Group resource





Configuring the Client resource

Modifying the user group using the NetWorker Management Console

Chapter 3: Configuring the application server host

Assigning target BCVs/VDEVs to source devices

Adding a device

Configuring pools for PowerSnap operations

Labeling a tape in a PowerSnap Module environment

The snap pool file

Devices and device groups

Configuring devices for remote configuration with SRDF/S

Glossary

Index

4.3.3 Symmetrix DMX Administration Guide

Preface

Chapter 1: Introduction

Overview

Supported new features

Configurations

Summary

Chapter 2: Backups and snapshot management

NetWorker backups with the PowerSnap Module

savegrp command line backup

Snapshot management

Deduplication

Language localization

Language Localization

Chapter 3: Recoveries

Overview

Permissions

FLIR-type recoveries

Performing a save set recovery

Multi-save set restore

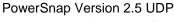
Performing a file-by-file recovery

Rollbacks and rollforwards of a snap set

How to perform a FLIR that uses a mirror

Disaster recovery

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Page: 14 of 25

Backward compatibility Restore old backups

Appendix A: Clustering

PowerSnap Module behavior in a cluster

Requirements for hosts in a domain

Host cleanup

Failover support

Cleanup after an abort

Appendix B: PowerSnap Module commands

The nsrsnapadmin command

The nsrsnap_recover command

The nsrsnap_save command

The nsrsnapck command

The psrollback.res file

Appendix C: Troubleshooting

Debugging techniques

Error messages

Log file entries

Appendix D: Common Symmetrix CLI and LVM commands

Useful SYMCLI commands

Hewlett-Packard Logical Volume Manager

Appendix E: Licensing and enabling the software

Glossary

Index

4.3.4 CLARiiON Installation and Administration Guide

Preface

Chapter 1: Introduction

How the PowerSnap software works with the NetWorker software

Supported configurations

Chapter 2: Installing the PowerSnap Module Software

Installation and configuration road map

PowerSnap Module installation requirements

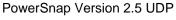
CLARiiON system requirements

Modifying the servers file

Configuring the Navisphere agent

Configuring snapshots and storage groups

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Page: 15 of 25



CLARiiON snapshot persistence support configuration

Installation

Linux platform

Configuration Choices

Upgrading to PowerSnap 2.5

Removing the PowerSnap Module Software

Chapter 3: Configuring the NetWorker server

NetWorker software configuration requirements

Configuring a Snapshot policy

Configuring the Group resource

Configuring the Client resource

Modifying the User group

Using preprocessing and postprocessing scripts

Chapter 4: Configuring the Application Server Host

Microsoft Windows for SnapView clone operation instructions

Configuring the CLARiiON LUN resource file for Snap View clone operation

Microsoft Windows Clones snapshots

Configuring pools for PowerSnap operations

Chapter 5: Backups and Snapshot Management

NetWorker backups with the PowerSnap Module

Snapshot management

Deduplication

Chapter 6: Restores

Restore old backups

Performing a save set restore

Multi-save set restore

Performing a file-by-file restore

Appendix A: Clustering

PowerSnap Module behavior in a clustered environment

Cluster environment requirements

Cluster environment considerations

Appendix B: PowerSnap Module Commands

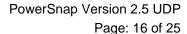
The nsrsnapadmin command

The nsrsnap_recover command

The nsrsnap_save command

The nsrsnapck command

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The psrollback.res file

Appendix C: Troubleshooting

Debugging techniques

Error messages

Appendix D: Licensing and Enabling the Software

How NetWorker software is licensed

The evaluation process

The licensing process

Multiplatform licensing

Managing licenses

Glossary

Index

4.3.5 NAS Devices Version 2.5 Installation and Administration Guide

Preface

Chapter 1: Introduction

About this guide

Snapshot management support for NAS devices

Features

Backup and recovery

Chapter 2: Installation

Checklists

Requirements

Linux platform installation

Installing the PowerSnap Module software

Upgrading to PowerSnap 2.5

PowerSnap installation configuration choices

Uninstalling the PowerSnap Module software

Chapter 3: Configuring the NetWorker Server

NetWorker software configuration requirements

Configuring a Snapshot policy

Configuring the Group resource

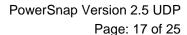
Configuring the Client resource

Usernames and passwords

Modifying the User group

Adding a device

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where information lives

Configuring pools for PowerSnap operations

Using preprocessing and postprocessing scripts

Chapter 4: Backups and snapshot management

NetWorker backups with the PowerSnap Module

Manual backups

Snapshot management

Language localization

Chapter 5: Recoveries

Restore old backups

Multi-save set restore

NSR_NDMP_DDAR environment variable

Performing a file-by-file recovery from a PiT copy

Performing a rollback recovery

Disaster recovery

Appendix A: PowerSnap Module commands

The nsrsnapadmin command

The nsrsnap command

The nsrsnap_save command

The nsrsnapck command

The nsrsnap_recover command

The psrollback.res file

Appendix B: Troubleshooting

Recommendations and tips

Error messages

Appendix C: Licensing and Enabling the Software

How the software is licensed

The evaluation process

The licensing process

Multiplatform licensing

Glossary

Index

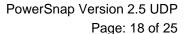
4.3.6 RecoverPoint Installation and Administration Guide

Preface

Chapter 1: Introduction

About this guide

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Overview

EMC RecoverPoint appliance

RecoverPoint integration

Recovery window

Journal size requirements

Applications and platforms

Supported features

NetWorker backup with the PowerSnap Module

NetWorker recovery with the PowerSnap Module

Chapter 2: Installing the PowerSnap Module Software

Preinstallation checklist

Installation checklist

Postinstallation checklist

Configuration checklist

PowerSnap Module installation requirements

Installing the PowerSnap Module software

PowerSnap installation configuration choices

Uninstalling the PowerSnap Module software

Chapter 3: Configuring the Networker server

NetWorker software configuration requirements

Configuring a snapshot policy

Configuring the Group resource

Configuring the Client resource

Modifying the user group

Using preprocessing and postprocessing scripts

Configuring pools for PowerSnap operations

Adding a device

Labeling a tape in a PowerSnap Module environment

RecoverPoint RPA credentials management

Chapter 4: Backups and snapshot management

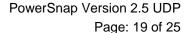
NetWorker backups with the PowerSnap Module

Manual backups

Snapshot management

Deduplication RecoverPoint for Win2k8

Chapter 5: Restores



EMC²
where information lives

Permissions

RecoverPoint for Win2k8

Restore old backups

Performing a save set recovery

Multi-save set restore

Performing a file-by-file recovery

Disaster recovery

Appendix A: PowerSnap Module commands

The nsrsnapadmin command

The nsrsnap_recover command

The nsrsnap_save command

The nsrsnapck command

The psrollback.res file

Appendix B: Licensing and Enabling the Software

How the software is licensed

The evaluation process

The licensing process

Multiplatform licensing

Managing licenses

Glossary

Index

4.3.7 Release Notes

Brief product and major new feature descriptions including:

- Restore old backups
- Deduplication
- IPv6
- NMM 2.2
- RecoverPoint for Win2k8
- Multi-save set restore

Last-minute information provided too late to be included in the base documentation.

Outline:

Revision history

Product description

New features and changes

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Software compatibility

Fixed problems and changes

Hot fix

Fixed defects

Environment and system requirements

Backward compatibility

Japanese operating system versions

Container and zones support

Known problems and limitations

General limitations

Known problems for Version 2.5

Defects from version prior to Version 2.5

Technical notes

Protection for Microsoft Exchange Server

NetWorker modules and PowerSnap FLIB-type backups

Organize multiple save sets into one volume group for the savegrp command

Setting the TimeFinder-specific variable SYMM_ON_DELETE

Increase snapshot intervals to ensure save operations are completed

A symcfg discover failure on AIX fixed

PowerSnap Module may not find volume GUID for snapshot volumes

Microsoft-Windows-based host instant backup fails if all drive letters in use

Documentation

Software media, organization, and files

Installation

Troubleshooting and getting help

4.3.8 Issue Tracker

Issue Tracker will be used to document the following items:

Descriptions of known limitations

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PowerSnap Version 2.5 UDP Page: 21 of 25



Fixed bugs that are appropriate for publication (for existing products only)

4.3.9 Sunset notifications

There are no releases, or versions, that will be EOL with this release. This SHALL be documented in the Release Notes.

5. Documentation Reviews

This section describes the technical documentation review process. The documentation review process shall include both technical and editorial reviews as well as a final production edit.

Tech Pubs will submit the documentation for four reviews:

- Submittal one 01/02/09
- Submittal two 01/29/09
- Final technical review 02/05/09 to 02/19/09

Submittal one will be primarily new content for the new features being added to PowerSnap 2.5. Submittal two will be full content. The final technical review will be a review of the complete doc set following the complete documentation review.

5.1 Tracking Documentation Reviews

For technical reviews, reviewers should open defect records using a bug tracking tool such as ClearDDTS. Alternatively, review drafts can be posted in the Tech Pubs eRoom folder for the program with versions enabled. This allows subject matter experts (SMEs) and Technical Publications authors to track review comments. Typically, reviewers use Adobe Acrobat, enabled for commenting, for the reviews and add their comments and markups. Reviewers then either attach the reviewed documents to the defect records or post the reviewed documents in the eRoom.

5.2 Reviewer Responsibilities

Technical content shall be reviewed by the program team and SMEs to ensure that it is accurate and complete. Spelling, grammar, and formatting will be reviewed separately by the Technical Publications editorial team. Technical reviews are to be returned to the documentation author within the scheduled time frame.

6. Schedule

The preliminary release content and the major program milestones are outlined as follows.



Page: 22 of 25

6.1 Major Milestones

This section discusses the schedule constraints for the program.

Deliverables in **bold** font are tracked in the program schedule. The related or relative milestone dates should be provided to Program Management:

Program Milestone	Technical Publications Deliverables	Start Date	End Date
Checkpoint 3	UDP Draft	09/30/08	09/30/08
Checkpoint 4	UDP Approved (1.0)	10/10/08	10/28/08
Checkpoint 5	Technical Publications submittal one (L10N)	12/18/09	12/18/09
	Copy edit	01/02/09	01/16/09
	Technical Publications submittal two (Technical review)	01/19/09	01/23/09
	L10N docs sent to translation vendor (final L10N drop)	01/27/09	01/27/09
Checkpoint 7	EMC distribution: Powerlink for electronic delivery	03/09/09	03/09/09
	Technical Publications final production edit	02/25/09	03/14/09
	Issue Tracker spreadsheet submitted to test site & review	03/24/09	03/24/09
	Final L10N docs to Powerlink	03/18/09	03/18/09
	Final docs posted & verified on web site	03/25/09	03/25/09
	Final Issue Tracker spreadsheet posted to EMC Powerlink	03/25/09	03/25/09

6.2 Risks

There are no risks.

7. EMC Production and Release Methodology

The PowerSnap Module product documentation shall follow standard EMC production and release methodology.

7.1 Templates

To be consistent with the related documentation, this release shall use the standard 8.5 x 11 inch FrameMaker template. The Release Notes shall use the single-file 8.5 x 11-inch Release Notes FrameMaker template.

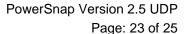
7.2 Processes

The publishing process for English language EMC technical documentation uses eRoom Database functionality to manage the editorial review, engineering approval, and publishing stages for all technical documentation submittals. The Product Documentation Submission provides a workflow of the major publishing stages: editorial, production, signoff and approval, publish, and archive.

Complete information and instructions are available at:

https://corpusweb171.corp.emc.com/eRoom/osooperations/TechPubsOperations/0 159a2

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7.3 Tools

The EMC Production Edit Checklist shall be used to ensure publication quality.

Documentation reviewers are required to have Adobe Acrobat software to make review markups.

7.4 Manufacturing

For example: Technical Publications will follow the current EMC Technical Publications Product Documentation Submission section in the Technical Publications Operations eRoom.

7.5 Distribution

The documentation for this release will be included with the PowerSnap documentation on Powerlink at:

http://Powerlink.EMC.com

Noteworthy issues for this release, pending the approval of the Team, will be posted on the E-Lab Issue Tracker website at:

http://Powerlink.EMC.com

PowerSnap Version 2.5 UDP Page: 24 of 25



8. Addendum: Changes to the Release after UDP Approval

This section identifies changes to the release after UDP approval.

8.1 PRD Change Requests that Impact Documentation

The following change requests to the PRD impact the documentation:

Change Request	Documentation Impact	

8.2 Changes to the User Documentation Plan

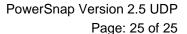
These are changes to the UDP following version 1.0 approval.

8.2.1 White papers

During the Greylock project, a new white paper, "Backup of Microsoft SQL Server in EMC CLARiiON Environments with EMC NetWorker PowerSnap — Applied Technology" will be produced.

8.2.2 Existing PowerSnap tech note and white paper

- Backup of Oracle in EMC Symmetrix Environments with EMC NetWorker PowerSnap — Applied Technology
- Backup of SAP Oracle Databases in EMC Symmetrix Environments with EMC NetWorker PowerSnap — Applied Technology
- Backup of Microsoft SQL Server in EMC Symmetrix Environments with EMC NetWorker PowerSnap — Applied Technology
- Backup of Oracle in Symmetrix Environment with EMC PowerSnap Module
- Backup of SAP Databases in Symmetrix Environment with EMC PowerSnap Module
- Microsoft SQL Server in Symmetrix Environment with EMC PowerSnap Module
- EMC NetWorker and Replication: Solutions for Backup and Recovery Performance Improvement A Detailed Review
- EMC NetWorker PowerSnap and SnapView for CLARiiON Best Practices Planning



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where information lives

 Technical Note: "Configuring PowerSnap with Oracle Databases on EMC Symmetrix DMX and EMC CLARiiON Systems"

- Technical Note: "Configuring PowerSnap with SAP Oracle Databases on EMC Symmetrix and EMC CLARiiON Systems"
- Technical Note: "Configuring PowerSnap with Microsoft SQL Databases on EMC Symmetrix and EMC CLARiiON Systems"