

Release Notes

Version 2.6.300

STOREWAY DPA



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Release Notes Version 2.6.300

Software

March 2008

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Chapter 1. Essential information

1 DiskSafe

If you use DiskSafe, a new version of iSCSI is available from Microsoft (version 2.06). You need to perform the update. <http://www.microsoft.com/downloads/details.aspx?familyid=12cb3c1a-15d6-4585-b385-befd1319f825&displaylang=en&tm>

2 Modify Windows Vista firewall parameters.

You need to open TCP protocols on port 617 to enable the StoreWay DPA daemon to function correctly.

- Open the Windows firewall (**Start/Control Panel/Security/Windows Firewall**).
- Click **Add port**. In the **Name** box, type a name that will help you remember what the port is used for (for example StoreWay DPA daemon»).
- Enter **617** in the **Port number** box and click the TCP protocol.

3 NEW : MAC OS X system backups.

For more information on backing up MAC OS X systems, see the MAC OS X documentation.

4 NEW : AS400 system backups.

For more information on backing up AS400 system, see the AS400 documentation and/or the Release Notes V2.6.200.

5 NEW : The backup agent can now access network disks.

Important: In the case of a backup configuration with a network share with a password, it is important to think about protecting access to the StoreWay DPA agent directory to not reveal the network share password.

6 NEW : StoreWay DPA and ASM evaluation licenses are now 30 days.

7 NEW : A backup profile has been added into the StoreWay DPA 2.6.300 for QuickShare applications.

Chapter 2. StoreWay DPA update procedures

To update the StoreWay DPA to version 2.6.300, you need to have version 2.6.200 installed.

StoreWay DPA update procedure

- > To perform StoreWay DPA updates to 2.6.300, you need to have a version 2.6.200 installed.
- > It is recommended to perform a security backup before updating your StoreWay DPA.
- > Perform the update during a low period of backup activity.
- > **IMPORTANT:** The StoreWay DPA reboot time after the update can seem a little long due to the update checks performed during this installation. As an example, during tests on an LB with 17 media and >200GB of disk data, reboot took 17 minutes. It is essential to allow this reboot the time required to complete and not attempt to reboot the StoreWay DPA manually.

Notes on compatibility

See the StoreWay DPA 2.6.300 Compatibility Guide for more information.

Chapter 3. Known problems in version 2.6.300

1 REF : 1387 : Inconsistent tape labelling.

Tape labelling was sometimes inconsistent. Instead of always taking the smallest possible identifier, the StoreWay DPA labelled backwards using the first available number.

Example : There were 5 tapes labelled M_001 to M_005. Erasing M_001 to M_004 and migrating new data to M_005. Then, the next tape created was M_004 and not, as it should be, M_001.

This behavior has been corrected in 2.6.300 and tapes are now correctly labelled.

2 REF : 1455 : PHP scripts missing when connecting to the StoreWay DPA. Impossible to log onto the StoreWay DPA.

Some missing PHP files (in the **dpa/include** directory) were reported. The disappearance of these files occurred during a security backup. This problem has been fixed in 2.6.300.

3 REF : 1474 : The user changed rights status if they changed their password.

If a user changed his password, this led to a change in his rights status. In version 2.6.300, rights (user, administrator, etc.) are maintained in the event of a password modification.

4 REF : 1476 : Length of SMTP identifier modified.

The length of SMTP identifiers has been modified. You can now enter an E-mail address up to 100 characters and a password up to 30 characters.

5 REF : 1491 : Backup engine froze if no drive detected.

The drive detection function returned systematically an LTO type even if no drive was present, and because it was impossible to create one, the backup engine was blocked. This problem has been fixed in 2.6.300.

6 REF : 1499 : Scheduling of future backups and PRA following a job not started.

A backup (with or without PRA) which did not start was rescheduled not for the next available backup slot but for the next backup period.

For example, a backup scheduled each week (with daily night time backup slots) which did not start on a Monday would restart the following Monday and not during the next available backup slot (on Tuesday, for example).

Backups and associated PRA are now correctly rescheduled according to available backup slots.

7 REF : 1501 : Problem when backing up directories whose name ended with a space.

Restoration errors were reported in the log when directories whose name ended with a space and this despite the fact that these directories were correctly restored. In version 2.6.300, no more false errors are reported in this case.

8 REF : 1509 : A backup scheduled each n months was performed each month.

All backups (or PRA) scheduled at intervals > 1 month were performed each month. In version 2.6.300, the number of months separating a backup (or PRA) are taken into account by the StoreWay DPA.

9 REF : 1576 : A security backup on a shared network drive could display unwanted system data.

In certain cases, unwanted information concerning the administrator were visible in the security backup configuration page. This information is no longer visible in 2.6.300.

10 New message reported in an alarm concerning a lack of protection ASM.

This message is sent in the event of a problem with your ASM protection: "There is no mirror disk in the ASM space. This means that no system is protected in block mode by the DiskSafe agent. Check your DiskSafe configuration on the machines to protect".

For more information on the DiskSafe configuration, see the voir la DiskSafe documentation on the Documentation CD.

11 Activate an option to backup all types of Windows File System.

To back up Windows CIFS file systems, you need to check the option Backup all file systems in the system configuration page.

12 Change the location of the StoreWay DPA on a Windows network from WORKGROUP to BACKUPAPP

In a Windows network, the StoreWay DPA used to be in WORKGROUP by default. This location could be problematic on certain network configurations. The StoreWay DPA is now located in the "BACKUPAPP" group.

13 Check the presence of the tape library and drive during the StoreWay DPA initialization

In version 2.6.200 of the StoreWay DPA, there were occasions when the LB model did not work if its tape library was switched off. It was necessary to reboot. This reboot is no longer necessary because a check is made when the StoreWay DPA first starts up..

14 Modification of how shared memory is used.

We have modified how shared memory is used in the backup engine to avoid problems linked to the creation of memory segments during restoration.

15 The StoreWay DPA no longer reboots in the event of ASM freeze.

In version 2.6.200, the StoreWay DPA rebooted if the ASM engine did not respond. The improved handling of ASM space in 2.6.300 makes this reboot unnecessary.

16 Improved handling of the NetWare volumes.

The StoreWay DPA forces the use of upper case characters for NetWare volumes with a view to removing any potential problems with incremental backups and PRA.

Now, if a client enters « sys:/ » manually in the **Objects to backup** section, the StoreWay DPA will automatically backup « SYS:/ » - the syntax recognized by the NetWare backup agent.

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