

Release Note

XenData6 Server Software

Version 6.01P3

Updated: January 6, 2015

Overview

XenData6 Server is the 6th generation of XenData Archive Series software. Version 6.01 was released in April 2012 for use on Windows Server 2008 R2 and the SX-10. Version 6.01P1 was released in late May 2012 and fixed a number of bugs that were present in 6.01.

Version 6.01P2 adds support for LTO-6 tape drives and libraries; adds support for additional tape library models and fixes a number of bugs that under rare circumstances could occur with version 6.01P1. More details are given below.

Version 6.01P3 is released for use on Windows Server 2008 R2 and the SX-10 only and should be used together with the 6.01P2 version of the XenData Alert Module.

Changes in Version 6.01P3 Relative to 6.01P2

Fixes a bug which can cause data loss in extremely rare and specific circumstances. The problem could occur only under the following circumstances:

- while repacking a non-replicated Volume
- when simultaneously writing to that Volume Set,
- when that Volume Set is under heavy load, and
- when using an LTO library with more than one LTO drive

If the problem were to occur, the repack would complete and the target Volume would go into an alert state, clearly identifying that there was a problem.

Changes in Version 6.01P2 Relative to 6.01P1

- ❖ Support for the HP, IBM and Tandberg Data LTO-6 tape drives is added. The support includes stand-alone LTO-6 tape drives and tape libraries with internal HP, IBM or Tandberg LTO-6 drives.
- ❖ Native support for the Quantum Scalar i6000 and the HP ESL G3 tape libraries is added. Note that the Quantum Scalar i6000 was supported in previous releases but only when the library was in Scalar i2000 emulation mode.
- ❖ Problems that under rare circumstances could result in a system crash are fixed.
- ❖ A number of minor bugs are also fixed.

Changes in Version 6.01P1 Relative to 6.01

- ❖ A problem with the Report Generator is fixed which previously resulted in a message "Failed to Create the Report due to Error in Catalogue".
- ❖ A problem resulting in failure of the Report Generator to work with updated version 5 catalogs is fixed.
- ❖ A service deadlock that could occur under heavy load is fixed. This was observed with the Spycer application.
- ❖ Two problems potentially resulting in a system crash are fixed.
- ❖ The repack operation is more resilient to hardware errors.
- ❖ Some error messages are improved.

- ❖ A problem with the API installer is fixed.
- ❖ A problem with the XDFile based API operation over a network is fixed.

Note that there is no change to the API between versions 6.01, 6.01P1 and 6.01P2.