Single Mailbox Recovery 6.0.2
Release Notes

NetApp, Inc.
495 East Java Drive
Sunnyvale, CA 94089 U.S.A.
Telephone: +1 (408) 822-6000
Fax: +1 (408) 822-4501
Support telephone: +1 (888) 4-NETAPP
Documentation comments: doccomments@netapp.com
Information Web: www.netapp.com

Part number: 215-05759_A0
December 2010

Copyright and trademark information

Copyright information

Copyright © 1994-2011 NetApp, Inc. All rights reserved. Printed in the U.S.A.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Ontrack® PowerControls™ is a software application that has been developed, copyrighted, and licensed by Kroll Ontrack, Inc. Use of the software is governed by the terms and conditions of the end user license agreement contained within the software.

This manual should not be construed as any representation or warranty with respect to the software named herein. Occasionally, changes or variations exist in the software that are not reflected in the manual. Generally, if such changes or variations are known to exist and affect the product significantly, a release note or Read Me file will accompany the User Guide, or will be available on the Kroll Ontrack Web site. In that event, please read the release note or Read Me file before using the product.

Copyright © 2005 Kroll Ontrack Inc. All rights reserved.

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into a language or computer language, in any form by any means, electronic, mechanical, optical, chemical, manual or otherwise, without the express written consent of Kroll Ontrack Inc.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S.A. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Notice to Users

Ontrack® PowerControls™ Single Mailbox Recovery is a software application that has been developed, copyrighted, and licensed by Kroll Ontrack Inc. Use of the software is governed by the terms and conditions of the end user license agreement contained within the software.

This manual should not be construed as any representation or warranty with respect to the software named herein. Occasionally, changes or variations exist in the software that are not reflected in the manual.

Generally, if such changes or variations are known to exist and affect the product significantly, a release note or Read Me file will accompany the User Guide, or will be available on the Ontrack PowerControls NetApp web site. In that event, please read the release notes or Read Me file before using the product.

Trademark information

NetApp, the NetApp logo, Network Appliance, the Network Appliance logo, ApplianceWatch, ASUP, AutoSupport, Bycast, Campaign Express, ComplianceClock, Cryptainer, CryptoShred, Data ONTAP, DataFabric, DataFort, Decru, Decru DataFort, FAServer, FilerView, FlexCache, FlexClone, FlexScale, FlexShare, FlexSuite, FlexVol, FPolicy, GetSuccessful, gFiler, Go further, faster, Imagine Virtually Anything, Lifetime Key Management, LockVault, Manage ONTAP, MetroCluster, MultiStore, NearStore, NetCache, NOW (NetApp on the Web), ONTAPI, OpenKey, RAID-DP, SANscreen, SecureAdmin, SecureShare, Select, Shadow Tape, Simulate ONTAP, SnapCopy, SnapDirector, SnapDrive, SnapFilter, SnapLock, SnapManager, SnapMigrator, SnapMirror, SnapMover, SnapRestore, Snapshot, SnapSuite, SnapValidator, SnapVault, StorageGRID, StoreVault, the StoreVault logo, SyncMirror, Tech OnTap, The evolution of storage, Topio, vFiler, VFM, Virtual File Manager, WAFL, and Web Filer are trademarks or registered trademarks of NetApp, Inc. in the United States, other countries, or both.

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. A complete and current list of other IBM trademarks is available on the Web at www.ibm.com/legal/copytrade.shtml.

Apple is a registered trademark and QuickTime is a trademark of Apple, Inc. in the U.S.A. and/or other countries. Microsoft is a registered trademark and Windows Media is a trademark of Microsoft Corporation in the U.S.A. and/or other countries. RealAudio, RealNetworks, RealPlayer, RealSystem, RealText, and RealVideo are registered trademarks and RealMedia, RealProxy, and SureStream are trademarks of RealNetworks, Inc. in the U.S.A. and/or other countries.

All other brands or products are trademarks or registered trademarks of their respective holders and should be treated as such.

NetApp, Inc. is a licensee of the CompactFlash and CF Logo trademarks. NetApp, Inc. NetCache is certified RealSystem compatible.

Topics covered

About this document

These Release Notes cover the following topics:

- Product overview
- Single Mailbox Recovery 6.0.2 system requirements
- New features
- Fixed issues
- Open issues

Product overview

Single Mailbox Recovery (SMBR) is the mailbox recovery software that saves time, money, and resources when recovering Microsoft Exchange data. Single Mailbox Recovery works with your existing Microsoft Exchange Server backup architecture and procedures, and allows you to recover individual mailboxes, folders, messages, attachments, and even calendar, notes, and tasks directly to your production Exchange Server or any PST file. SMBR eliminates time-consuming and expensive single mailbox (brick-level) backups and also lets you search and create a copy of all archived e-mail that matches a specified keyword or criteria.

For more information about Single Mailbox Recovery, see the *Single Mailbox Recovery 6.0 User Guide*.

Single Mailbox Recovery 6.0.2 system requirements

Hardware and Software Requirements

The machine on which you run Single Mailbox Recovery must meet the following hardware and software requirements:

Component	Requirement	Notes
Processor	Intel Pentium class processor	
RAM	1024 GB RAM	
Hard disk space	200 MB of free hard disk space for the installation of Single Mailbox Recovery	The disk space needed for processing log files when opening an EDB file is more.
Monitor	800 x 600 or higher screen resolution	
Operating system	The following operating systems are supported: ◆ Windows XP Professional ◆ Windows Server 2003 Standard ◆ Windows Server 2003 Data Center ◆ Windows Server 2003 Enterprise ◆ Windows Server 2008 Standard ◆ Windows Server 2008 Data Center ◆ Windows Server 2008 Enterprise ◆ Windows Server 2008 R2 ◆ Windows Vista Business ◆ Windows Vista Ultimate ◆ Windows Vista Enterprise ◆ Windows 7 Professional ◆ Windows 7 Enterprise ◆ Windows 7 Ultimate	Single Mailbox Recovery in Windows Vista, Windows Server 2008, Windows Server 2008 R2, and Windows 7 can only be run by users with administrative privileges and in administrative mode. Support for 32-bit and 64-bit versions of the operating systems are provided. The HASP HL override key functionality does not work on Windows Vista, Windows Server 2008, Windows Server 2008 R2, and Windows 7 operating systems when using a remote desktop connection to the computer.

Component	Requirement	Notes
Virtual environments	The following virtual environments are supported: ◆ VMware Server 1.0x, 2.x ◆ VMware Workstation v6.0x, v7.0 x for Windows ◆ Microsoft Virtual Server 2005 R2 ◆ Microsoft Hyper-V™ ◆ Microsoft Hyper-V Server™ 2008 ◆ Microsoft Hyper-V Server™ 2008 R2 ◆ Microsoft Virtual PC 2007 ◆ VMware ESX/ESXi 3.5, 4.0, 4.1	Virtual operation of tape devices may have restrictions imposed by virtual operating systems. HASP key operation is validated in environments that support USB attached devices and support the NetApp-distributed HASP drivers only. If SnapDrive is used to connect and disconnect LUNs on the Single Mailbox Recovery server, then the operating system requirements must match the system requirements specified in the *SnapDrive Installation and Administration Guide* for the version of SnapDrive that you are using.
E-mail	Microsoft Office Outlook 2000 or later installed and Outlook must have been run at least once to configure settings. Additionally, those versions of Outlook that make a distinction between "Internet Email" and "Corporate Email" need to be configured for the latter. Additional requirements: ◆ For Microsoft Exchange Server 5.5: Microsoft Outlook 2000 or Office Outlook 2003 is required ◆ For Microsoft Exchange Server 2000 and Microsoft Exchange Server 2003: Microsoft Outlook 2000 or later is required ◆ For Microsoft Exchange Server 2007: Microsoft Outlook 2003, Outlook 2007, or Outlook 2010 is required. ◆ For Microsoft Exchange Server 2010: Microsoft Outlook 2003, Outlook 2007, or Outlook 2010 is required	Office Outlook 2007 cannot connect to an Exchange Server 5.5. However, Outlook 2007 can be used with Single Mailbox Recovery to access an EDB file originating from an Exchange Server 5.5 environment. The Microsoft Exchange operating systems listed here and Office Outlook must have the latest service packs installed. Single Mailbox Recovery is not designed to run from an Exchange server. Also, Outlook cannot be installed on an Exchange server. Only 32-bit versions of Outlook 2010 are supported.

Component	Requirement	Notes
Microsoft .NET Framework	Microsoft .NET Framework 3.5 SP1	
Additional software	For connecting and disconnecting LUNs: ◆ SnapDrive (optional, but recommended) ◆ FCP or iSCSI connectivity to the NetApp storage system	The SnapDrive version must be compatible with the version of Data ONTAP that is running on your NetApp storage system.
Storage	One or more NetApp storage systems	These systems must exist in the same network environment as the machine on which you run Single Mailbox Recovery.
Universal Serial Bus (USB)	USB port	This is needed for Single Mailbox Recovery product licenses requiring HASP key dongle to run application

Other Requirements

Other things to note about requirements:

- Single Mailbox Recovery 6.0.2 supports Microsoft Exchange Server 5.5, Exchange Server 2000, Exchange Server 2003, Exchange Server 2007 (through SP3), or Exchange 2010 (including SP1). Single Mailbox Recovery 6.0.2 may also run on the same server as Exchange Server 2007 (through SP3) or Exchange Server 2010 (including SP1). Single Mailbox Recovery does not support other Exchange Server installation configurations.
- Single Mailbox Recovery is designed to run from a Windows-based workstation and uses native Microsoft Messaging APIs (MAPI) to communicate to the Exchange Server, ensuring reliable and consistent operation of your server. For MAPI to initialize properly, Office Outlook must be installed and configured on the workstation to connect to an Exchange Server. When connecting to an Exchange Server 2007 (through SP3) or Exchange Server 2010 (including SP1), Microsoft Outlook 2003, Outlook 2007, Outlook 2010 must be installed and configured.

New features

Microsoft Exchange Server 2007

Support for Microsoft Exchange Server 2007 SP3 has been added.

Microsoft Exchange Server 2010

Support for Microsoft Exchange Server 2010 SP1 has been added.

- Mailbox Creation Wizard was updated to facilitate creation of mailboxes on Microsoft Exchange 2010 SP1 target servers with the same functionality provided for Microsoft Exchange 2010.

Note: This update (Single Mailbox Recovery 6.0.2) does not provide the capability for creating archive mailboxes in non-default mailbox databases.

Microsoft Office 2010

Support for Microsoft Office 2010 was added.

- Support searching Microsoft Office 2010 document attachments through the use of updated v8.3.5 Outside in Content Access library.
- Support MAPI version supplied with Office 2010.

Fixed issues

The following issues are resolved in Single Mailbox Recovery version 6.0.2:

- Addressed an issue that was causing some Exchange 2010 data sets to fail to open correctly.
- Addressed an issue that was causing Non-English message content to be incorrectly copied to an Exchange target in some cases.
- Addressed an issue so Single Mailbox Recovery can now connect to all mailboxes on a target when used in an environment with an Exchange 2010 CAS array.

Open issues

Microsoft Exchange

In Microsoft Exchange 2010 SP1, you can create a mailbox with an archive mailbox stored in a different database. On Exchange 2010 SP1 targets, during mailbox creation, archive mailboxes are always created in the default database.