



UNITRENDS

Recovery-Series and UEB 8.2.0-x Release Notes

release 5.11172015

Copyright

Copyright © 2015 Unitrends Incorporated. All rights reserved.

Content in this publication is copyright material and may not be copied or duplicated in any form without prior written permission from Unitrends, Inc (“Unitrends”). This information is subject to change without notice and does not represent a commitment on the part of Unitrends.

The software described in this publication is furnished under a license agreement or nondisclosure agreement. The software may be used or copied only in accordance with the terms of the license agreement. See the End User License Agreement before using the software.

The software described contains certain open source components that are copyrighted. For open source licenses, see the Unitrends Open Source Compliance section of the product Administrator’s Guide.

Because of the nature of this material, numerous hardware and software products are mentioned by name. In most, if not all, cases these product names are claimed as trademarks by the companies that manufacture the products. It is not our intent to claim these names or trademarks as our own.

The following applies to U.S. Government End Users: The Software and Documentation are “Commercial Items,” as that term is defined at 48 C.F.R. §2.101, consisting of “Commercial Computer Software” and “Commercial Computer Software Documentation,” as such terms are used in 48 C.F.R. §12.212 or 48 C.F.R. §227.7202, as applicable. Consistent with 48 C.F.R. §12.212 or 48 C.F.R. §§227.7202-1 through 227.7202-4, as applicable, the Commercial Computer Software and Commercial Computer Software Documentation are being licensed to U.S. Government end users (a) only as Commercial Items and (b) with only those rights as are granted to all other end users pursuant to the terms and conditions herein. Unpublished-rights reserved under the copyright laws of the United States. Adobe agrees to comply with all applicable equal opportunity laws including, if appropriate, the provisions of Executive Order 11246, as amended, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974 (38 USC 4212), and Section 503 of the Rehabilitation Act of 1973, as amended, and the regulations at 41 CFR Parts 60-1 through 60-60, 60-250, and 60-741. The affirmative action clause and regulations contained in the preceding sentence shall be incorporated by reference.

The following applies to all contracts and subcontracts governed by the Rights in Technical Data and Computer Software Clause of the United States Department of Defense Federal Acquisition Regulations Supplement:

RESTRICTED RIGHTS LEGEND: USE, DUPLICATION OR DISCLOSURE BY THE UNITED STATES GOVERNMENT IS SUBJECT TO RESTRICTIONS AS SET FORTH IN SUBDIVISION (C)(1)(II) OF THE RIGHTS AND TECHNICAL DATA AND COMPUTER SOFTWARE CLAUSE AT DFAR 252-227-7013. UNITRENDS CORPORATION IS THE CONTRACTOR AND IS LOCATED AT 200 WHEELER ROAD, NORTH TOWER, 2ND FLOOR, BURLINGTON, MASSACHUSETTS 01803.

Unitrends, Inc
200 Wheeler Road
North Tower, 2nd Floor
Burlington, MA 01803, USA
Phone: 1.866.359.5411



Recovery-Series and UEB 8.2.0-x Release Notes

This document describes features and resolved issues in the 8.2.0-x releases.

Release 8.2.0-8

The 8.2.0-8 release resolves issues with compression, archiving, replication, Hyper-V restores, VMware schedules, and NDMP protection. For details, see the [Customer Resolved Defects](#) document.

Release 8.2.0-7

The 8.2.0-7 release resolves issues with compression and VMware backup and restore. For details, see the [Customer Resolved Defects](#) document.

Release 8.2.0-6

The 8.2.0-6 release resolves an issue with LZ4 compression of synthetic backups. For details, see the [Customer Resolved Defects](#) document.

Release 8.2.0-5

The 8.2.0-5 release resolves issues with Windows agent push, recovery of encrypted VMware and Hyper-V backups, purging, and appliance updates. For a list of defects that have been addressed in this release, see the [Customer Resolved Defects](#) document.

Release 8.2.0-4

The 8.2.0-4 release delivers new enterprise-level capabilities and performance enhancements. These features are described in this document. For a list of defects that have been addressed in this release, see the [Customer Resolved Defects](#) document.

- **Complete vSphere 6 protection.**

Release 8.2 extends VMware protection to support VMware features introduced with vSphere 6, including hypervisor protection for Virtual Volumes (VVol) and hardware version 11 VMs. UEB on VMware appliance VMs running release 8.2 can also be upgraded to hardware version 11.

Notes:

- Hypervisor protection of ESX 4.x environments is not supported in Unitrends version 8.2. For details, see [KB 3703](#).
 - Protection of fault-tolerant VMs is not yet supported but will be in a future Unitrends release.
 - If a vCenter 6 VM migrates to a different vCenter, that VM is no longer protected on the original Unitrends schedule. You must manually add it to a new schedule to resume protection.
- **HotAdd support for vSphere 5.5 and 6.0.**
Support for the HotAdd transport mode has been extended to UEB appliances running in vSphere 5.5 and 6.0 environments. Using HotAdd to back up datastores located on external SANs significantly increases performance.
 - **Enhanced Windows agent push feature.**
The Windows agent push feature has been enhanced to include Windows Server 2012 R2 and Windows 8.x clients. Centralized deployment of Windows agents to server and desktop clients speeds up deployment and protection of guest-level backup and recovery.

Performance enhancements for new appliances

These performance enhancements apply to S-series appliances (Recovery-*nnnS* models) and new UEB deployments only. These enhancements are not applicable to older appliances that are upgraded to version 8.2.

- **Accelerated adaptive deduplication.**

Accelerated adaptive deduplication removes duplicate data before it is stored on the backup appliance, reducing the amount of landing zone space required for backups. This decreases required storage capacity and increases on-appliance retention.

For file-level backups, accelerated adaptive deduplication removes duplicate data as backups run, reducing the amount of data written to the backup appliance.

For VMware backups, accelerated adaptive deduplication removes duplicate blocks client-side, before sending data over the network to the backup appliance.

- **In-place synthesis.**

Synthetic full backups are created from incrementals to create recovery points for faster restores. With 8.2, incrementals are synthesized in-line as backups run. This method frees critical backup appliance resources and ensures consistently fast recovery, backup, replication, and archiving times. With this method, synthetic backups are created 5-10 times faster.

Upgrading to version 8.2.0-4

See the following resources for details on upgrading to version 8.2.0-4:

- The [Recovery-Series and UEB Upgrade Guide R8.2](#) for complete upgrade instructions and considerations.
- The video tutorial [Upgrading the Unitrends Appliance](#).
- The video tutorial [Troubleshooting the Unitrends Appliance Upgrade](#).

Note on legacy vaulting: *Beginning in 8.0, appliances use LZ4 compression by default. LZ4 is not compatible with legacy vaulting. If your appliance is a legacy vault that was imaged or deployed with version 8.0.0-4 or later, you must reconfigure compression settings by following these steps:*

- 1 Select **Settings > System Updates, and Licensing > General Configuration [Advanced]**.

- 2 Click to expand the **Disk2DiskDefaults** folder.

Select the row containing **CompressEngine**, enter *auto* in the Value field, and click **Confirm**.

