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BackupEDGE 02.03.01 Build 3

We're very pleased to announce that BackupEDGE 02.03.01 build 3 is now shipping and available for download. Media kits are also available for order.

Build 3 of 02.03.01 introduces support for:

- Novell SUSE Linux Enterprise 11
- Debian 5.0.1 Lenny
- Ubuntu 9.04 Jaunty Jackalope
- CentOS 5.3
- Mandriva 2009.1

If you have any of these platforms, or an older release that you have updated, it is mandatory that you install 02.03.01 build 3 and then re-make your disaster recovery media.

Note that starting with 02.03.01 build 2, RecoverEDGE supports the EXT4 filesystem.

Remember to periodically check the [Linux Support Tables](#) on our web site to see which Linux distributions we're keeping up with.

Re-startable FTP Backups

As more people use the Internet for backups, firewall and link reliability issues come into play. Build 2 introduces **re-startable backups**, that is, if in the middle of the backup the connection drops, BackupEDGE will simply re-connect and continue the backup.

To do this, when re-startable backups are selected BackupEDGE changes the segment size, or the amount sent in one transfer, from 1GB to 50MB (the same segment size used by **Amazon S3** backups). Each 50MB segment is cached in RAM, and if the segment transfer fails it will be re-sent. A backup will now fail only if a single segment fails 8 consecutive times.

Additionally, we've found that many firewalls drop idle connections after a pre-set time. For instance, our Sonicwall drops them after 15 minutes. While the FTP data connection is happily churning away, the control / authentication connection is doing nothing but waiting, and the firewall kills it after 15 minutes, terminating the backup.

To resolve this, we've implemented keep-alive packets on the control connection.

If you've tried FTP backups in the past and been stymied, we think this release will make you happy.

1. Update to 02.03.01 build 2 and try your standard backup again, since keep-alive packets will now be enabled. If it fails...
2. Check section 4 of the updated [User Guide](#) to see how to enable re-startable backups.

Fixes / Patches

Also changed in BackupEDGE 02.03.01 build 3:

- Segment deletion of FTP, **Amazon S3** and FSP backups could be quite slow. Deletion times have been dramatically increased in this release.
- OpenSSL has been updated, resolving a potential **Amazon S3** authentication issue.
- RecoverEDGE for OpenServer 5 has been updated to fix a time

issue that may inhibit authentication with **Amazon S3**, and a potential issue with miscalculation of the recover partition during automatic restores.

- Reports have been updated to remove extraneous segment deletion messages.
- A Linux UUID issue in RecoverEDGE has been resolved.

Firewalls - UTMs

As we all know, Firewalls, UTMs (Unified Threat Management Systems), etc. can be so good at what they do that they keep you from doing what you need to do.

In addition to connection time-outs, these devices may have default settings that inhibit the FTP and HTTPS commands BackupEDGE uses for FTP and **Amazon S3** backups.

We've attempted to spell out a few of these issues.

Section 4.5 of the updated [User Guide](#) has a section entitled *FTP Backups and Firewalls*, and is highly recommended reading.

Section 5.7 is entitled *AWS Backups and Firewalls* and contains similar information relating to **Amazon S3** backups.

Certification Classes

Classes for May have been cancelled. We're going to try to put together a new schedule for summer.

If you are interested in taking a class during 2009, call sales and asked to be placed on our list. We'll choose additional locations based on the number and cities of the people on the list.

Amazon S3 Rebate

TIME CRITICAL!

A reminder from last month. We want to encourage people to test this **Amazon S3**, so we're going to rebate the \$30 base fee during April, May, and June 2009.

Any user that starts and uses **BackupEDGE/Amazon S3** backups during this time and continues the service for 30 days or more is eligible for the \$30 rebate.

Simply sign up for **Amazon S3**, use the service for at least 30 days, then fill out and return the form posted on our web site to receive the rebate. Browse to www.microlite.com/s3 for more information and the rebate form. This is your chance to test cloud backups to **Amazon S3** on our nickel.

Update / Upgrade Policies

All users of **BackupEDGE** 02.00.01 (which started shipping on August 15, 2003) or later may download and install the current 02.03.01 build 2 release as a free update, provided it is on the same platform.

In-stock unregistered 2.x licenses will still work. There is no need to exchange or rotate them. Simply download the new release.

Users of legacy 01.0x releases may purchase an inexpensive upgrade from their favorite channel partner.

Download by clicking [Downloads](#) from the [Microlite](#) home page, or from your bookmark if you created one after last registering for a download.

Our formal policy for updates and upgrades can be found on our web site. It is available as a direct link from our home page, or by browsing to:

http://www.microlite.com/Downloads/Upgrade_Policies/upgrade_policies.html

As always, I want to thank you all for your continued support of our products.

Tom Podnar - President
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