

Virtual Vault Update

This document will assist you in updating your Vault software to version 2.3.1. This version will update the Vault for NT4, Windows 2000, Windows XP, and Windows 2003. No further updates will be available for Windows 98/ ME.

I) New Features

Multithreading: It is now possible to process up to 5 files at the same time for compression, encryption, and uploading. This will allow for faster upload speeds when many files need to be uploaded. The default number of threads is 3, on computers with enough resources, the number of threads can be increased to 5. The number of threads can also be set to one for computers that may not have enough resources for multiple uploads. (Preferences->Backup Settings->Max Uploads)

Bandwidth throttling: The amount of bandwidth used for backups up can now be limited which will prevent the backup from using all available internet bandwidth. This feature can be useful during an initial backup as the bandwidth can be limited so the internet can be used for other purposes. (Preferences->Backup Settings->Max Bandwidth)

Restore To A Point-in-time: Files can be restored from a backup set to or from a certain date. It is also possible to only restore only files that do not exist locally which will decrease the time necessary for large restores.

Removal of Stray Files: Cleaning up of remote files that do not need to be backed up anymore has been made easier. If a backup set or the global excludes are altered, it is now possible to select Delete Files->Backup Sets->Stray Files and remove the files and folders that were affected on the remote backup servers by these changes. This feature was formally called "Sync Remote To Local" and only checked if files existed locally; it now also checks if the file is part of any backup set, or if it matched a global exclude.

Important: This update will only work on NT4, Win 2000, Win XP and Win 2003. Forward development has been halted on Windows 98/ME.

II) Upgrade Instructions

- Step 1:** Make sure that a backup is not running (this includes Exchange and SQL). If there is a backup running, then either cancel it, or wait until it finishes.
- Step 2:** Close the Monitor. (It is OK to leave the status icon open, and the backup agent running.)
- Step 3:** Download [http:// www.nac.net/vault/TheVault_231_Update.EXE](http://www.nac.net/vault/TheVault_231_Update.EXE) to the Desktop

of the computer.

Step 4: Run the update. It will close automatically after 10-20 seconds.

Step 5: Delete the update executable.

Load the Monitor, splash screen should say 2.3.1. If it does, then go through the software and make any changes you'd like.