



**BARRACUDAWARE**

# **YOSEMITE SERVER BACKUP Version 8.9**

## **Release Notes**

## BarracudaWare Yosemite Server Backup Release Notes - 8.9.00

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**Note: Before upgrading, please be sure to make a backup of your configuration and read all release notes that apply to versions more recent than the one currently running on your system.**

As of September 1, 2010, Barracuda Networks Inc. will no longer ship nor provide support for the Yosemite Server Backup NetWare agent. To continue protecting your NetWare machines, we recommend that PRIOR to upgrading your system, you must first install a new Yosemite Server Backup Domain onto a Windows- or Linux-based Master Server, then change the role of your NetWare system from Master Server to a Client of that new system. Barracuda Networks, Inc. authorizes you to use your current product license for one, and only one, additional NetWare-only Domain.

Version 8.8.01 was the FINAL VERSION that supports the Master Server on NetWare. For continued protection of your NetWare installation after version 8.8.01, please install or migrate your catalog (database) to a Microsoft Windows or Linux-based Master Server.

Beginning with version 8.8.02, NetWare can no longer be used as a Master Server. An existing NetWare Master Server must be converted to a client.

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### NEW TO VERSION 8.9

Version 8.9 of the BarracudaWare Yosemite Server Backup contains support for Linux distributions Ubuntu 10.04 and Red Hat 5.5, and for Microsoft Exchange 2010. It also contains enhancements to the user interface, such as consolidating the Backup and Restore job options, for easier job management.

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### NEW TO VERSION 8.8

Version 8.8.01 of the BarracudaWare Yosemite Server Backup simplifies administration with a re-designed user interface.

Version 8.8.02 adds more improvements to the interface, support for the newest operating systems such as Windows 7, along with the ability to do live backups of all system state components on Microsoft Windows 2003 using Volume Shadow Copy Services.

Version 8.8.03 is a maintenance release addressing common issues and updating translations.

- Quick and easy upgrade process. To upgrade to the new version, all you need is the update package and a current maintenance contract. Apply the update only to the Master Server in less than 5 minutes, and it will handle the upgrading of all clients as they connect to it. All existing configuration and job information are preserved on upgrade, so no additional re-configurations are required.
- One-stop job configuration. To configure a backup or restore operation, just double-click on the appropriate icon from the Tasks page, name your operation, and identify 4 items:

- Selection - what files you want to backup/restore
    - Device - where to send/retrieve the data
    - Schedule - when to execute the job
    - Encryption - how to secure the data
  - Single-screen access to all jobs and their statuses. The new Status and Logs page contains a list of all current and past jobs, and provides the current status and all available logs for all jobs and device actions.
  - Point-and-click device management. The Devices page lists all available Devices and Storage Slots on your system, with all existing Imported or Formatted Media entries in previously-existing media jobs automatically migrated to their own dedicated folders upon upgrade. Click on an entry to view its status and all logs, or right-click to bring up a list of all possible actions.
  - Simplified product navigation, featuring:
    - An Advanced section for all settings that do not generally need to be modified for the majority of your backup operations, such as barcode filters and permission settings.
    - A Tasks page that provides a centralized launch area for all routinely-performed actions, such as creating new jobs and performing administrative operations.
    - A Navigation Bar along the side of every product window that lists all available functions.
    - Ready access to the User Preferences and Domain Configuration screens from the File menu at the top of the main product window.
  - Enhanced recovery options. Increased restoration abilities have been added for application agents:
    - Recovery Storage Groups - Exchange Restore now supports Recovery Storage Groups in Microsoft Exchange Servers. Using ExMerge, individual mailboxes can be restored easily, and all restore operation can be performed without necessitating any service interruptions.
    - Flexible SQL Database Restoration - Restoration of SQL databases are no longer restricted to just the originating SQL server. With YSB 8.8, you can now restore your SQL data onto any other compatible SQL server, for testing purposes or even data migration if so desired.
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## Supported Operating Systems

The following recent operating systems are supported in version 8.9.00:

- Windows
  - Windows 7
  - 2008 Essential Business Server
  - 2008 Server, Service Pack 2
  - 2008 Server, R2
  - Vista, Service Pack 2
- Linux
  - RHEL 4.7, 4.8, 5.2, 5.3, 5.4, 5.5
  - SLES 10.2, 11
  - Ubuntu 8.10, 9.04, 9.10, 10.04

Please visit <http://www.barracudaware.com/support/os> for a complete list of supported operating systems.

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## Release 8.9.00 (beta)

NOTE: This version does NOT support the Master Server on NetWare. If you have a NetWare system that you wish to continue safeguarding, you will need a separate Yosemite Server Backup Domain for that system in place before you upgrade your existing Domain. See the note at the top of these Release Notes for more information, or contact Barracuda Networks Technical Support for additional assistance.

- Feature: Support for Microsoft Exchange 2010. [48231]
- Feature: Support for Ubuntu 10.04 and RHEL 5.5. [48407]
- Feature: Support for Microsoft SQL Server 2008 R2. [50378]
- Feature: Barcodes will appear in media alerts if applicable. [49258]
- Enhancement: Restore and Verify jobs now display all required media in status as soon as the selection list is built, rather than after each media is mounted. [49177]
- Enhancement: Version selection now appears along with the selection for Restore and Verify jobs. [48548]
- Enhancement: Backup options are now consolidated so that the impact of schedule settings are more readily apparent. [48372]
- Enhancement: Runtime information for jobs are now logged to the Event Log. [42745]
- Enhancement: Translations have been updated. [43297]

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## Release 8.8.03

This is a maintenance release addressing common issues and updating translations.

- Feature: The end user licensing agreement (EULA) has changed. Please review carefully when upgrading. [42839]
- Feature: WINS is now protected as a System State object on Server 2008. [42086]
- Feature: Dynamic disks are now supported in DR for Windows 7. [40342]
- Enhancement: Translations have been updated. [41134]
- Enhancement: On non-English systems, the Imported Media and Formatted Media folders will be renamed to their native language names during the upgrade process. [43320]
- Enhancement: Devices will now indicate they are Seeking when repositioning the media, rather than indicating they are Idle. [45554]
- Enhancement: Files belonging to a DFS share now appear under File System rather than as a single DFS object. This allows the individual files to be restored. DFS objects now consist solely of the SYSVOL shares. [43413]
- Fix: Some devices which support encryption would fail with "Error 4449: The data encryption key instance counter has changed." [43841]
- Fix: Network failures involving Linux machines could occur if the command exceeded 15 minutes. [43107]
- Fix: Some files with non-English characters could fail to backup with read-only errors. [43175, 44933]
- Fix: The service would crash if a Storage Group was added or removed from MS Exchange. [44006]

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## Release 8.8.02.53957

This is a maintenance release to address common issues.

- Fix: Snapshots are not released on successful backup. On XP this produces error 5091 on a second backup, "Maximum snapshot volumes reached". [41790]
  - Fix: MicroSoft SQL Server databases larger than >15 TB do not display instances. [41796]
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## Release 8.8.02

As of version 8.8.02, NetWare can no longer be used as a Master Server. An existing NetWare Master Server must be converted to a client.

- Feature: Volume Shadow Copy Services based system state for Windows 2003. This allows backups of all system state connectors in a live mode. Previous system states would briefly pause some connectors, such as DHCP.
  - Feature: Support for 7 additional versions of Windows and Linux. Microsoft Windows 7 and Windows 2008 Server R2 are both supported, as are Linux RHEL 4.8 and 5.4, Ubuntu 9.04 and 9.10, and SLES 11.
  - Enhancement: The Instructions page has been added to the Advanced option of the navigation pane. [38042]
  - Enhancement: The compression modes for NetWare Classic Volumes (OS and Both) have been deprecated in favor of "Software Compression". [38786]
  - Enhancement: The "Jobs and Media" page now includes visual indicators for full, bootable and bad media. Bad media will be further denoted by an additional icon. [39493]
  - Enhancement: Connectivity to the Master Server can be tested from the installer on demand. [39545]
  - Fix: Repaired backup of Exchange Storage Groups that contain large numbers of log files. [39439]
  - Fix: Removed interaction with VSS writers which do not participate in the backup. [39321]
  - Fix: Write operations are now supported on tape libraries with external encryption enabled. [40007]
  - Fix: Improved interaction with non-Microsoft VSS Snapshot Providers. [39712]
  - Fix: Repaired Virtual Library initialization errors that occurred during a restart on Linux systems. [39940]
  - Fix: Repaired intermittent errors 131 and 1615. [37851]
  - Fix: Resolved issues that caused some Linux configurations to have slow throughput with Virtual Libraries on Linux. [39737]
  - Fix: Virtual Libraries can now write to Windows file systems with non-default allocation unit sizes. [39757]
  - Fix: Saved job logs from backup jobs with a copy policy enabled now produce a log for each of the copy and the backup jobs. [37971]
  - Fix: Elements with job reservations now allow read operations such as identify and import, without requiring additional job reservations to be added. [38372]
  - Fix: Long media names in "Next Media" are now scrollable instead of being wrapped or truncated. [39686]
  - Fix: Quick Verify no longer attempts to snapshot hosts with data on the media. [40245]
  - Fix: Encrypted files in system state no longer cause "Invalid Access" errors [40389]
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## Release 8.8.01

Version 8.8.01 will be the FINAL VERSION that supports the Master Server on NetWare. For continued protection of your NetWare installation after version 8.8.01, please install or migrate your catalog (database) to a Microsoft Windows or Linux-based Master Server.

- Enhancement: Push-button upgrade. A separate update package is no longer necessary, since the software update will be automatically retrieved by the Master Server from BarracudaWare's central update servers. Click the "Update Available" button to update the Master Server for your Storage Management Domain, and all clients will be upgraded automatically as they connect to the Master Server. NOTE: if you are upgrading from software older than version 8.7.01 then you may need to set "Enable automatic upgrade of clients" from File > Domain Configuration > Client Upgrade Options. [38080]
- Fix: Installing on Linux machines with processors that do not support SSE2 produces an Illegal Instruction error. [38007]
- Fix: Driver exclusions on Windows 2003 and XP Disaster Recovery were not being honored. [38038]
- Fix: Status and Logs sorting by "Next Runtime" was sorting alphabetically rather than chronologically. [38043]
- Fix: Upgrading a Windows 2008 or Vista machine with DR PE files installed no longer removes the PE files. [38048]
- Fix: Restoring a Windows 2008 system from full backup causes an "Error 3138: Restore of this object is not yet supported Rst: Boot Configuration". This item is not used during online system restore, only during disaster recover, and no longer generates this error. [38163]
- Fix: Browsing a SQL database can sometimes hang for an extended period of time. [38165]
- Fix: Improvements in backup times for larger objects. [38173]
- Fix: Reduction in CPU utilization on Linux systems during intensive database scans. [38197]
- Fix: Improved font sizes for Status and Log rendering. [38257]