



NETVAULT 7 End user release notes

NetVault 7.0 Release Notes

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This document contains important end user release information on NetVault 7.0. It includes a brief description of the new features and faults fixed with the release. This document does not cover the full use of the product. The user guide information can be obtained from BakBone Software's web site, at the address:

http://www.bakbone.com/support/product_documentation/

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NETVAULT

End user release notes

1.0 – Introducing NetVault 7.0

From the experts in open systems data recovery, BakBone Software's NetVault 7 delivers enhanced data protection and enterprise-class functionality that scales to meet the demands of any sized environment. NetVault's flexible, modular architecture delivers proven reliability and high performance, with a unique combination of features designed to meet current and future data protection needs.

2.0 – New Features

Features new with this release include those listed below:

► **Policy Management** – The Policy Management tools allow job templates to be created and easily applied to a single client or an entire group of clients simultaneously. Once defined, policy-based administration allows you to monitor, manage and edit a group of jobs as a single entity.

► **User Level Access** – The User Level Access feature allows users to be defined with a specific set of privileges on an individual or group basis. User Level Access is ideal for extending a subset of NetVault's features to other members of the IT staff as well as end users.

► **Enhanced Reporting** – The improved reporting feature enables the administrator to schedule reports on many aspects of NetVault's operation with several output types available. In addition, a powerful report-editing tool has been provided to allow user-defined reports to be created.

► **Event Notification** – The Notification tool provides the ability to notify a user of a NetVault event, improving NetVault's ability to support automated, lights out operations. This feature promotes awareness and reduces potential data loss by providing an early warning system.

3.0 – NetVault 7.0-specific APM's

The Encryption Plugin – NetVault Release 7.0 introduces support for a new plugin module, the Encryption plugin. With the Encryption plugin, data is encrypted (128-bit) at the client, and the data remains encrypted while transferred over the network and when written to tape, providing unparalleled data security for NetVault customers. This new module is optional and only available with the release of NetVault 7.0 and onwards.

The SnapVault Manager Plugin – NetVault's plugin module, the SnapVault Manager, provides the capability to manage and monitor NetWork Appliance's SnapVault technology. SnapVault, working in conjunction with NetApp's Snapshot technology, enhances enterprise data protection by frequently backing up changed data from multiple storage platforms to a common Snapshot on a NetApp NearStore enabling faster tapeless restores. The SnapVault Manager is an optional item and only available with the release of NetVault 7.0 and onwards.

4.0 – NetVault 6.x Client Compatibility

For any NetVault Clients running on a platform not yet supported with Release 7.0, those clients may continue to use a NetVault 6.x version. Please note that NetVault 6.x clients cannot use the GUI to access a NetVault 7 server.

NetVault 6.x clients will be administered by the NetVault 7.0 Server, however, they will not be able to take advantage of all of the new 7.0 features as described here:

► **Policy Management** – the NetVault 6.x client cannot be part of a policy, but the Job/Policy management window will display that client's job status, etc.

► **Enhanced Reporting** – the NetVault 7 server will not be able to collect drive statistic information on the 6.x client.

5.0 – NetVault 6.x APM Compatibility

In most cases, 6.x APM's are forward compatible with NetVault 7.0 and do not require an upgrade. Some APM's are updated with each maintenance release of NetVault, such as NDMP, Adabas, SAP R/3, SnapMirror to Tape and Snapshot Manager. BakBone recommends upgrading when a new version is made available.

In the case of 64-bit databases, NetVault 6.x 64-bit APM's are not compatible with 7.0. From NetVault Release 7.0 onwards, a 32-bit NetVault core can support 64-bit plugins, hence providing 64-bit database support. If any 64-bit plugins are being used in a 64-bit NetVault environment they will need to be upgraded once the core has been upgraded to NetVault Release 7.0.

Existing versions of the following plugins **do not** function properly with NetVault 7.0 (e.g. those installed and used with NetVault 6.5.3 and older) and must be upgraded. They are included in the list below:

- Lotus Notes APM (this applies to all supported operating systems except Windows 2000/NT)
- Snapshot Manager Plugin
- NetWare Thin Client Plugin

To receive an upgraded version of these plugins that function properly with NetVault 7.0, please contact BakBone Technical Support.

6.0 – Upgrading NetVault 6.x to 7.0

It is possible to upgrade any version of NetVault 6 to NetVault 7.0. As a general rule, a NetVault server can only support clients at the same or previous revisions of NetVault. So, a NetVault 6.x server cannot be used with NetVault 7.0 clients. When upgrading, it is important to upgrade the server to NetVault 7.0 before upgrading the clients. Also, a NetVault 6 GUI cannot domain control a NetVault 7 server, so if you are using domain control to control the server, this too will require an upgrade.

For complete upgrade instructions, please refer to the Upgrading to NetVault 7.0 Guide in the Product Documentation section of the BakBone website.

7.0 – Known Issues with 7.0

This section documents known NetVault issues.

► **Package add installations still have nv6server (client) as the package name, even though it is actually a 7 package.**

► **A cross-platform restore of the NetVault database is not currently possible, i.e. restoring a Windows NetVault database backup to a Solaris or Linux system is not supported.**

8.0 – Faults Fixed

This section documents known issues that have been corrected with this release of NetVault.

Fault Number	Description
18603	device management screen log tab should only start when tab selected
18592	nvsendmail couldn't accept multi line responses.
18336	Do not issue second inquiry for serial numbers to hard disks in NetVault 7
18313	Cannot add clients
18263	When trying to execute Isloop file ".\Isloop: 6: Syntax error: "done" unexpected (expecting "do") is...
18179	nvreusemedia does not work on specific condition
18130	Deviceeject CLI command return successful message when usage is actually denied
18010	nvclientaccess typo
18009	nvclientaccess is not part of install
17925	Missing information box when removing device
17899	The plugins menu options within the txtconfigurator do not work
17898	File system spanned backup to NDMP client attached device failed at point of spanning
17861	The template of SuperLoader gets "device goes offline" on W2K
17852	NDMP Client Configure: Default size of screen obscures some of the tab text.
17830	Length of cleaning cycle in Generic Cleaning tab
17828	Auto cleaning doesn't work when we chose 2 of criteria in Clean Property.
17798	HPUX SCSI device nodes not created for high SCSI ID and LUN
17755	Time reading remains 0
17732	After selecting a non-distribution file for install the error ?the selected file iss not a valid module distribution file?
17685	Missing OK button from the Pling context window "Save to file"button
17676	Cannot stop processes on Solaris 8 INTEL
17645	Cannot Bulk Blank Tapes Labeled as 'ANSI'
17611	Change Exclusions so you can use paths rather than just names
17608	Windows GUI does not cope well if it has problems reading the columns file on logs screen
17519	nvopendoor can't handle library names with parenthesis
17518	NVDB Backup cannot span media
17453	NVConfigurator Trace Tab shows entry for old plugins.
17375	when using a virtual library- consolidation backup sets aren't archived.
17297	Licoll Electric NDMP attached LTO drive unable to load
17294	Auto-configure not displaying when selected manually
17286	Error generated when any snapshot manager job runs on sol 2.8
17275	Debugging - Change tracing to write to sequential trace files, deleting older one
17143	Duplicate plugin hangs forever if media error occurs during the phase 2
17140	New path-exclusion feature has too wide a text box in the Configurator
17129	nvverify hangs upon medium/device SCSI error
17118	Drive option causes restores to fail (Number of blocks to write/read at a time)
17023	Problem with the exclusion option on the File System plugin
16900	Scroll buttons for time selection in Filter Options-Logs screen (from & To panes) missing right definition

Fault Number	Description
16851	'nvreport -r ls' shows media located in EE port in the last slot
16828	Exclusions - Need the ability to exclude specific items by a full path
16827	Exclusions - Nodes that are above a real tick in the selection tree don't get excluded
16710	A datacopy will affect the retirement of the backup it was taken from
16634	If setting MID and other target tab option, job status is waiting media.
16605	Domain control problems when you do not save password
16588	Operator message for event Job completed successfully - needs to state the job name
16585	Event class Log Daemon, event Home Drive Becoming Full - only works under NT
16579	Filter on device logs on Device management screen
16546	Method "Modify" available from right click menu on standalone drive
16526	Auto configuration - Scan clients for remote/shared drives - machine selector not fully visible
16523	Add Library / Library Selection tab - Type dropdown selector control is shown gray not white
16522	Client Management / Server Select dropdown control has gray background instead of white when dropped down
16519	Job Management Toolbar Filter button pre-selected when JM screen opens
16506	Consolidation of System configuration, Com+ database from Windows 2000 client on Linux server fails with "Invalid path&q..
16476	NT and W2k NetVault windows do not retain size upon re-open
16474	Local DAR forcing >1024 files in a directory fails when starting recovery from 2nd tape
16450	Device Management's Add Menus have missing option descriptions on MP RAS
16449	If drive goes offline while job is waiting for media, the job aborts
16448	'Invalid message box' error when clicking 'X' button to close 'Edit Drive' window
16433	After changing maximum log messages to 100 in nvconfigurator, more then 100 log messages appear.
16361	filer attached drive not get unloaded before door is open
16344	Capabilities listed under Domain Management properties centered - would be clearer left justified
16341	Job Management screen - column headers partially obscured on default
16329	Jobs scheduled "once" that are on hold at their run time retain "on hold" status in jobs tab
16324	Inconsistent window titles between UNIX and Windows: Job Management and NetVault Jobs.
16323	Selecting the Current Topic in Stand Alone Device window brings up the Add Library help file.
16311	ulimit- file restore causes unexpected restore failure error.
16303	File System plugin cannot backup a filename longer than 200characters.
16299	Cleaning Support for HP LTO drive
16265	GUI Main Window can be resized
16260	SaveSet window has a gray background for entering text.
16243	Optical library media is represented with question marks instead of media icon in media management
16185	GUI text has caps on wrong characters when closing ee port and doing status on the library arm on W2K
16184	Job Monitor window has Windows icon in top left hand corner, not NetVault icon
16183	ndmp - restore fails when trailing / used in filesystem name
16181	plugin string searches do not employ implicit wildcards
16179	Auto configure device has incorrect 'status message' (bottom right corner of window)
16149	backup option tied to saveset
16146	Browse of a saveset containing a directory with 36000 files is a little slow
16145	Restore from a 'No file info' backup does not have 'Restore single entry' options
16130	nvreports will cause a "segmentation fault (core dump)" on Solaris 7 if run when a back job is running.
16079	Job Management's filters button is not mentioned in help
16073	'Add Standalone Drive' help brings up 'Add Library' help instead
16069	Device Management View Menu's have Overview option instead of Configure
16068	Device Management's Add menu has the same description given for two menu options
16065	Backup window resizing is not saved
16062	Killed process does not create a dump file
16047	Data copy of an incremental backup should be allowed to write to a tape containing the full backup data
16044	running nvblank media from an AIX client to a Windows server does not work
16034	Need to use the mt driver on Solaris 7 as well as 8
16033	Job Manager screen leaks memory when left open
15979	consolidate backup does not work when the save set contains registry data
15975	Windows NetVault server postscript jobs running on clients of any OS hang through a firewall
15919	NetVault is allocating 2 TAPES when backup > target > Ensure this backup is the first on media.
15897	NT File system plugin reporting "Media error writing backup data" this is an incorrect message

Fault Number	Description
15861	'if' spelt 'of' in Edit Drive-NDMP Configuration tab
15858	Bulk Label: can enter media group manually in the 'Group Label' field but group label not applied to tapes
15855	Problem with GUI when using Domain Management
15815	Configure Performance window does not display when selected on autoconfigure device.
15811	When opening the media diagnose window, nice for the 'reasons' pane to re-size as well
15791	Device configuration screen doesn't display the correct amount of drives successfully added.
15770	nvreadlog - sends blank email attachment on Solaris 2.7 with nvsendmail
15737	Large Data Hierarchies tally figures don't match up.
15736	Simple Backup and Restores tally figures don't match.
15734	NVConfigurator -> License does not display "add new key" box.
15687	Spelling error: Decision spelt Descision in Pseudo device-Edit Drive-Software Compression window
15656	Job Monitor window first focus key to 'Abort Job' button instead of 'OK' button
15616	If a backup fails to write the correct segment information for the saveset, the backup status should show as Failed, not comp ...
15593	You should not be able to save a job with no ticks
15584	If using force job to blank tape, NDMP attempts to write index to blank tape as well
15572	Improper implementation regarding SMTP extensions
15570	2 X 400 slot libraries makes the GUI unusable
15552	nvreport -r librarydrives crashes when no library added to NetVault
15468	Problem with NVSendmail using the -f option to send a file
15458	SMTP server does not accept 'data' method using nvsendmail.
15452	Remote Configurator - after plugin installed tabs inserted at top level instead of sub tabs of Plugin Options
15441	'Load Job' in UNIX GUI can surreptitiously overwrite backup Advanced Options
15427	unix script plugin: pre & post scripts cause job to freeze in running state
15369	nvreport needs to be able to report on retirement dates of media
15363	NDMP fails to get space left estimates from ULTRIUM LTO - DAT & DLT Drives
15322	When adding standalone drive, the default device name should not contain spaces
15317	Consolidate Filesystem Plugin fail including "REGSTRY" backup.
15273	A job stops with "Running: Job Completed" status
15218	Bulk Group label field has lots of spaces in the field, so that if you type in a group label, the group label has lots of spa...
15214	Client install does not contain nvreadlog, yet e-mail notification requires nvreadlog when you select psmail_logs.bat script
15196	Re-scan for devices is not finding library drives
15186	NetVault server will log excessively if smart client attached device goes down
15184	Device Management - Logical View - lists tapes in slots by the first number - 1, 10, 2, 3, 4, etc
15145	NDMP: add server dialog click X control to close dialog backup window hangs
15103	End users should not be able to do a binary log dump from the Jobs window
15087	nvsendmail does not conform to RFC821 standards, hence mail notification fails.
15050	Duplication non server duplicates series of intermittent fails of test script
14966	E-mail notification will attached blank logs from client
14941	Raw backup & restore - need to unmount partition - not checked by NetVault or advised in Help
14929	After changing the refresh rate to every 30 seconds, the display only flashes when completed.
14922	Drive status has no cleaning tab
14907	Setting cleaning tape lives, dialog buttons must be clicked twice causing lost lock error
14894	E-mail notification does not give work correctly with Exchange 5.5 as the mail server

9.0 – Documentation Notes & Changes

This section lists any necessary notes and changes and supersedes what is shown in the printed version of the NetVault documentation. For the most current version of the NetVault Administrator's Guide and Configurator Guide, log onto BakBone Software's web site and access the Product Documentation page located at the following address:

http://www.bakbone.com/support/product_documentation/

From this page, all of the most recent versions of NetVault Documentation can be downloaded.

10.0 – About BakBone Software

BakBone Software is a leading data recovery solution provider that develops and globally distributes data backup, restore, and disaster recovery software for network storage environments. BakBone delivers scalable solutions that address the needs of large enterprise environments and small to medium size businesses. Incorporated in 2000, BakBone Software's products are used by companies worldwide and are distributed through a network of OEMs and solution providers.

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11.0 – Technical Support

BakBone Software is dedicated to providing friendly, expert advice to NetVault customers. Our highly trained professionals are available to answer your questions, offer solutions to your problems and generally help you make the most of your NetVault purchase. Log on to our web site, or contact our Helpdesk, for more information.

BakBone Software Web Site: <http://www.bakbone.com>

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