



Release Notes

NovaBACKUP[®] Network Version 6.2.2

January 2017

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What's new in NovaBACKUP Network v6.2.2?

NovaBACKUP Network exceeds customer requirements and expectations by efficiently protecting Windows networks. Support for the storage hardware of your choice, independent of manufacturer or vendor, means convenience and affordability.

Do you believe that network backup should work logically and reliably? Do you want to take advantage of the latest Microsoft technologies? Would you like to secure physical and virtual environments with a single application? Then NovaBACKUP Network is the right data protection software for you. The new functionality in version 6.2.2 is designed to provide rock-solid stability across heterogeneous networks with first class support by experienced engineers.

- **Exclude VMs from "All VMs" VMware backup job**
This feature allows excluding single VMs for VMware "all VMs" option.

Version 6.2.2 (January 2017)

Improvements, Features and Enhancements

- NBKENGINE-3319 Workaround: Cannot exclude VMs from "All VMs" VMware backup job

Notable Resolved Issues

- NBKENGINE-2994 Hyper-V: vssdba -dc ms-hyperv does not create DBA files for clustered vms
- NBKENGINE-3275 Handle moved VMs in backup job for HyperV cluster
- NBKENGINE-2962 Hyper-V: Cluster 2008: VM hv-menu service is not member of cluster

Version 6.2.1 (October 2016)

Improvements, Features and Enhancements

- NBF-83 NovaBACKUP Granular Restore
- NBF-60 NAS Target

Notable Resolved Issues

- NBKENGINE-3047 function runlist.destroy in libvhd.dll crashes application.
- NBKENGINE-3076 Hyper-V: DBA-restore needs description of import-procedures
- NBKENGINE-3086 Hyper-V: almost complete restore fails due to false "VM already exists" message
- NBKENGINE-3145 Hyper-V: Backup fails due to WMI System.MethodAccessException
- NBKENGINE-3157 Hyper-V: GIR Pool Restore fails
- NBKENGINE-3049 GIR-restore fails if the VM is completely lost, eRors creating .VHDX-files.
- NBKENGINE-3070 Hyper-V: Restore Ubuntu in state "saved" fails
- NBKENGINE-3098 DiskPool: Restore to other directory failed
- NBKENGINE-3105 DiskPool: Restore fails due to path issue
- NBKENGINE-3108 Hyper-V: GIR Restore fails, VM exists, but DCWMI says no
- NBKENGINE-3118 Hyper-V: Restore fails due to missing file with save-state information
- NBKENGINE-3138 Hyper-V: DBA restores not possible because of missing meta-data
- NBKENGINE-3139 Hyper-V: Incremental backup must be disabled in DC
- NBKENGINE-3143 Hyper-V: Cannot import VM after DBA restore (due to attribute)
- NBKENGINE-3149 Hyper-V: Backup: DCWMI complains about VM-target-info
- NBKENGINE-3158 Hyper-V: DiskPool - manual import throws an eRor message
- NBKENGINE-3178 Adapt rcmd build scripts for jenkins pipeline cd
- NBKENGINE-3140 Storage Management: Potential nullptr access in libnbsa/nbksrv
- NBKENGINE-3119 Hyper-V: "All VMs" jobs to GIR remains in "pending" state
- NBKENGINE-3156 Update: Command Server update on an Ubuntu Linux x64 bit machine may fail
- NBKENGINE-3167 Monitoring: DC monitoring kill does not work, rcmd cannot find WAT-file
- NBKENGINE-3073 Solaris: RCMD: ERor loading core plugin

- NBKENGINE-3180 Exchange backup is marked as HyperV-backup
- NBKENGINE-3190 Diskpool drops clonetarget with edit (default address is ip)
- NBKENGINE-2984 TLM: Remove mediapool fails
- NBKENGINE-2962 Hyper-V: Cluster 2008: VM hv-menu service is not member of cluster
- NBKENGINE-3094 VMware: VMs stored via "All [active/inactive]" aren't available for restore
- NBKENGINE-3148 Multiplexer: set restart on eRor as default setting
- NBKENGINE-3137 SQL: Restore: Try using absolute path for pipedump command
- NBKENGINE-2969 User Manual: no german language available
- NBKENGINE-3103 Media import fails with "user is not logged in" for user with limited rights
- NBKENGINE-3174 vssdr.exe: VSS provider choice
- NBKENGINE-3175 vssdr.exe: ignore volume bitmap mismatches
- NBKENGINE-3182 Storage Management: create GIR pool on Linux fails
- NBKENGINE-3187 Nodes Management: activation of Linux as a backup server impossible
- NBKENGINE-3023 Installation: Solaris/SPARC installer names
- NBKENGINE-3036 Hyper-V: Restore from GIR-pool fails when pool is locked
- NBKENGINE-3112 delete VM-dir after backup because it can use considerable disk-space
- NBKENGINE-3135 SQL Restore: restore button missing when BAK file destination directory is doesn't exist

- NBKENGINE-3074 DCWMI with vm-info fails at customers-site
- NBKENGINE-3084 Hyper-V: Vsshv does not create DBA-files with a unique pipename
- NBKENGINE-2920 Hyper-V: vsshv backup fails, but is committed
- NBKENGINE-3051 Hyper-V: DCWMI cannot export a VM with names containing special characters like (: | \ ?)

- NBKENGINE-2857 TLM: tapemac --mmcheck dies unexpectedly
- NBKENGINE-2938 STP: Wrong tape label (volser) when cloning to STP (Single Tape Pool)
- NBKENGINE-2885 MediaCheck: single tape and STP clones are not shown
- NBKENGINE-2674 Installation: Command Server install fails on Ubuntu 15.04+ as systemd is default (instead of upstart)

- NBKENGINE-2681 Hyper-V: Restore still fails under some conditions, import VM throws eRors
- NBKENGINE-2609 TLM: Unable to create media pool in linux GUI
- NBKENGINE-2506 Hyper-V: Restore with destination (non-GIR)
- NBKENGINE-2725 hijacc hiserv has no socket connection in a upstart service environment
- NBKENGINE-2538 Hyper-V: DC cannot edit schedule for HyperV-job when node is down
- NBKENGINE-2097 When one changes the media type of an unassigned volume, it does not update the media type until the entire feature is refreshed.

- NBKENGINE-2392 ReportManager does not show column BackupObject by default with useful content

- NBKENGINE-2416 EJB logs contains massive "java.lang.OutOfMemoryError: Java heap space" entries since April 27

- NBKENGINE-2503 Cannot Restore from Backup Server using Alias
- NBKENGINE-2845 Organizations of differential depending jobs can not be reset to No_Organization

- NBKENGINE-2906 Setting a clone target to 'none' gives an unhandled exception in the window
- NBKENGINE-3013 Vsshv cannot restore using BSA-compression (on eqlhost)

- NBKENGINE-3025 VMware Granular Item Restore to a powered off VM fails with a NBSA error
- NBKENGINE-3029 Vsshv does not respond to DC-kill
- NBKENGINE-3031 Snappy.dll crashes Vsshv
- NBKENGINE-3035 DCWMI export with check of NICs fails
- NBKENGINE-3038 DC tries to mount "HostComponent" of HyperV for GIR-Restore
- NBKENGINE-3041 Remote Install button greyed out
- NBKENGINE-3042 Client, installed via "Remote install" feature cannot be uninstalled
- NBKENGINE-3075 HyperV DBA-restore over an existing VM leaves VM in a critical state
- NBKENGINE-3081 Schedule: Single Date starts again one year later
- NBKENGINE-3102 User with limited perms still gets welcome panel with ability for configuration
- NBKENGINE-2506 HyperV restore with destination (non-GIR)
- NBKENGINE-2681 HyperV-restore still fails under some conditions, import VM throws errors.
- NBKENGINE-2857 tapemac --mmcheck dies unexpectedly
- NBKENGINE-2885 MediaCheck: single tape and STP clones are not shown
- NBKENGINE-2920 vsshv backup fails, but is committed
- NBKENGINE-2938 Wrong tape label (volser) when cloning to STP (Single Tape Pool)
- NBKENGINE-2954 Fehler Hyper-V Cluster
- NBKENGINE-2962 HyperV Cluster 2008: VM hv-menuservice is not member of cluster
- NBKENGINE-2975 HyperV Cluster 2012R2: missing component
- NBKENGINE-2983 Linux: create multiplexer runs into NullPointerException
- NBKENGINE-2984 Remove mediapool fails
- NBKENGINE-3023 Solaris/SPARC installer names
- NBKENGINE-3044 A "Online" backup of a VM on w2012r2 cannot be restored, wrong VM-config
- NBKENGINE-3048 DCWMI import VM fails if Destination-dir for VHDs does not exist.
- NBKENGINE-3061 RCMD thread usage and deadlock
- NBKENGINE-3062 Importing a VM saved to a GIR-pool complains about missing "Saved State"
- NBKENGINE-3074 DCWMI with vm-info fails at customers-site
- NBKENGINE-3079 User management: monitoring misses active jobs (organization)
- NBKENGINE-3212 VMware backup to GIR pool via HOTADD: vmware.exe may crash

Known Issues

- NBKENGINE-3044 Restore of a "online" VM with checkpoints requires additional manual work (wrong VM-config)

Version 6.1 (June 2016)

Improvements, Features and Enhancements

- NBF-36 Default Configuration
- NBF-38 SQL 2016
- NBKENGINE-2149 VMware backup: Allow to choose transport mode for backups (to GIR pool) and replication

Notable Resolved Issues

- NBKENGINE-2871 VMware backups leave VM guests in need of disk consolidation.
- NBKENGINE-2764 Running a maintenance operation on a GIR pool fails
- NBKENGINE-2931 Hyper-V direct GIR backup fails
- NBKENGINE-2964 Unable to restore VMware backup jobs from 5.x after update
- NBKENGINE-2951 Unable to attach library to backup server, error No SCSI drives found.
- NBKENGINE-2954 Fehler Hyper-V Cluster
- NBKENGINE-2975 HyperV Cluster 2012R2: missing component
- NBKENGINE-2417 Scheduler stopped working / EJB hardly responsive: "Unable to acquire a new connection from the pool" in EJB logs
- NBKENGINE-2682 Failures when handling a disk pool with blanks in its name
- NBKENGINE-2710 Cannot save files/restore files from a gir pool that has umlauts in its name
- NBKENGINE-2761 GIR pool maintenance fails having 'merge' option set
- NBKENGINE-2872 BMR restore fails.
- NBKENGINE-2884 DC 6.0: openejb.log files are not in C:\ProgramData\Novastor\DataCenter\openejb\logs
- NBKENGINE-2919 Alias field is not cleared when a different media pool is selected from the list
- NBKENGINE-2958 DC allows host names containing underscore ("_")
- NBKENGINE-2959 Unable to backup VMware machines from a 2008 proxy.
- NBKENGINE-2963 rcmd-executor takes too much memory
- NBKENGINE-2981 HyperV GIR backups fail
- NBKENGINE-2920 vsshyv backup fails, but is committed

Known Issues

Version 6.0 (April, 2016)

Improvements, Features and Enhancements

- NBKENGINE-2108 Clear archive bit option for files backed up from VSS snapshot
- NBKENGINE-2114 Identification of tape library and drives by hardware id
- NBKENGINE-2128 When creating a backupserver, make exception in the windows firewall
- NBKENGINE-2158 backup of hyper-v host component
- NBKENGINE-2191 Robustness improvement for tape mediapool maintenance
- NBKENGINE-2219 Standard Compliant Job Reporting Artifacts
- NBKENGINE-2221 Memory / Throughput Performance / Robustness / Scalability
- NBKENGINE-2237 Scheme based GIR pool retention/synthetization
- NBKENGINE-2240 notesbu.c: incremental backup date filter check
- NBKENGINE-2247 Tape Media Pool Check
- NBKENGINE-2294 Derby DB: increase width of specific columns
- NBKENGINE-2378 Support non-default vCenter server HTTPS port
- NBKENGINE-2544 Support replicating/restoring to a datastore cluster
- NBKENGINE-2554 Doing 'Attach library' a user should actively set the media type
- NBKENGINE-2597 Performance tuning: Network traffic performance tuning
- NBKENGINE-2670 Shared utility library for standard DC backup clients
- NBKENGINE-2762 Create a vmware function to get host information like #cores
- NBKENGINE-2763 Allow to restore from alternative device
- NBKENGINE-2810 NBSA Mount Improvement
- NBKENGINE-2821 NBSA Robustness Improvement
- NBKENGINE-2255 Obtain correct IP of Windows client by resolving hostname
- NBKENGINE-2886 Support ADK for Windows 10
- NBKENGINE-2896 hui: check Hiback.log entry for path+listfile

Notable Resolved Issues

- NBKENGINE-2258 log/results/nodename: map nodename to lowercase
- NBKENGINE-2339 Update disk mediapool config "clonetarget" when multiplexer port has changed
- NBKENGINE-2354 Updating a node does not give any error messages if the user does not have the required rights
- NBKENGINE-2374 Using Organizations with schedules and edit media pools throws null pointer exceptions
- NBKENGINE-2389 rcmd-executor appcrash c0000005/0000000000018653
- NBKENGINE-2406 xml export of reports contains illegal characters in tags
- NBKENGINE-2408 VMware restore: Selecting an alternative datastore may fail with "Error receiving data"
- NBKENGINE-2410 VMware Proxy Configuration: Change credentials / Add server may fail with "Could not add VMware proxy..."
- NBKENGINE-2414 ExecutionPlanResults: panel takes ages to display results
- NBKENGINE-2418 BMR Backup and executable does not start causing EJB Exception
- NBKENGINE-2421 Script Job hangs in Monitoring - EJB exception

- NBKENGINE-2422 A very big Disk-savefile (>2 TB) cannot be restored.
- NBKENGINE-2438 "An error occurred while reading the Datamover logs"
- NBKENGINE-2443 Warning in libnbsa shutdown
- NBKENGINE-2444 Return code request: Storage pool not found or misconfigured
- NBKENGINE-2476 hiscsi: detect adapters above #9
- NBKENGINE-2481 Multiple/Single update node via nodemanager hangs if a node is unreachable
- NBKENGINE-2482 Network GUI does not start under Solaris
- NBKENGINE-2515 "Connectivity Test" issues if VM job has 1st and 2nd Media Pool configured and one of them is a GIR pool
- NBKENGINE-2523 Retention doesn't remove remnants - list and tape index files, files anymore
- NBKENGINE-2529 User is able to create Single Tape Pool with spaces in name
- NBKENGINE-2530 User can not edit Disk Pool with spaces in the name
- NBKENGINE-2550 5.3.4: vm restore starts, reads, fails with dba_read fails
- NBKENGINE-2553 notesbu: Hiback\tmp\notesbu.log contains corrupted entries from log backups
- NBKENGINE-2569 Hyper-V Virtual machines listed in the backup job configuration are not sorted.
- NBKENGINE-2613 Client installation on x86 version of Debian Linux does not install correctly
- NBKENGINE-2623 Failed to make CentOS 6 x64 to a Backup Server
- NBKENGINE-2625 Trying to add a tape library or look at the tape library MM tab if there is a tape with no label in the library fails.
- NBKENGINE-2631 Connectivity Test in Backup Jobs ignores 'Multiplexing' option
- NBKENGINE-2641 Createpool command does not set in poolname in poolfile
- NBKENGINE-2650 hiserv/multiplexer ignores EOT in set_nt_filemark
- NBKENGINE-2651 vmware.exe fails to read vmware.ini and <host>.ini
- NBKENGINE-2652 MediaCheck does not work when all media are exported
- NBKENGINE-2655 Result of erroneous tape retention is not shown in SystemMessages
- NBKENGINE-2658 Wrong default image format for Hyper-V backups
- NBKENGINE-2664 Failed ReaR backup is shown as successfull
- NBKENGINE-2665 change function VHDGetDiskChains() in LIBVHD.dll
- NBKENGINE-2667 Client registering with IP 127.0.1.1 will change command server default address
- NBKENGINE-2671 vmware backup from vCenter fails with "Cannot connect to the host"
- NBKENGINE-2677 VMware backup to non-GIR pool fails if using non-default vCenter server HTTPS port
- NBKENGINE-2678 HostIniConverter fails because cannot find libstorage.dll
- NBKENGINE-2679 VMware backup, replication, restore doesn't work if HiBack isn't installed in DC home
- NBKENGINE-2680 When upgrading to 5.3.1+ the installer log contains existing VM host passwords
- NBKENGINE-2688 hiserv 32 does not run on Win2003
- NBKENGINE-2690 Single tape as clonetarget: SCSI address is missing
- NBKENGINE-2693 vmware.exe crashes when backing up to GIR pool
- NBKENGINE-2705 Cannot remove VMware server having a port assigned

- NBKENGINE-2706 VMware server shown as offline if a port is assigned
- NBKENGINE-2707 Restore of a Mac VM fails with "config.hardware.device not found"
- NBKENGINE-2715 Linux backup server: monitoring of maintenance does not stop
- NBKENGINE-2716 VMware backups to GIR pool where always run using full scheme
- NBKENGINE-2722 rcmd-executor runs out of threads
- NBKENGINE-2723 Linux backup server: Mail reporting of disk pool maintenance end is missing
- NBKENGINE-2727 Trying to restore a VM job gives an error
- NBKENGINE-2759 rcmd_executor: AppCrash
- NBKENGINE-2766 GUI restore: restore-only permission is not allowed to browse for alternate destination
- NBKENGINE-2767 BMR Backup fails on systems with MS Storage Pools
- NBKENGINE-2768 TapeLibraryManagement: attach mux fails with GUI exception
- NBKENGINE-2777 SFR from hyperv shows as failed when it actually did the restore
- NBKENGINE-2778 GIR pool description when creating a disk pool says GIR pool is only for VMware.
- NBKENGINE-2779 Trying to create a GIR disk pool with backup gen per node fails with an error of input string.
- NBKENGINE-2780 GIR pool details does not show what type of 'retention' is used.
- NBKENGINE-2783 Unable to select GIR pool for VMware backup if the vmware proxy is not the backup server.
- NBKENGINE-2807 Restore of HyperV VM from GIR pool fails.
- NBKENGINE-2809 Reporting: restart failed backup job fails
- NBKENGINE-2811 notesbu: correct Hiback\tmp\notesbu.log date is read wrong
- NBKENGINE-2819 rcmd-executor tmp files will not deleted
- NBKENGINE-2820 Connectivity test to gir pool failed
- NBKENGINE-2824 Trying to restore a VMware job will fail and exit with an error
- NBKENGINE-2831 HyperV backup to non GIR pool fails with build_v560_20160218_b742_beta
- NBKENGINE-2833 notesbu.exe: notesbu.log entry appendix missing when backup is successful
- NBKENGINE-2837 vsshv createdbas should delete content of target folder
- NBKENGINE-2718 HyperV backup job: NPE when trying to save job having "All VMs" selected
- NBKENGINE-2852 reporting should show the status line colored, also if not restorable
- NBKENGINE-2853 saving multi vm/dba results missing complete overview
- NBKENGINE-2866 vmware.log wrong stamp entry
- NBKENGINE-2812 VMware Replication: Column "Name" empty in reporting
- NBKENGINE-2502 MediaManagement: retention expiration is shown wrong
- NBKENGINE-2731 Adding Organization to backup job: diff job loses full/diff relationship
- NBKENGINE-2906 Setting a clone target to 'none' gives an unhandled exception in the window
- NBKENGINE-2908 "About" tooltip contains unexpected character

Known Issues

- NBKENGINE-2568 Multiple simultaneous Hyper-V jobs from a cluster or single server fail to backup more than one job at a time.
- NBKENGINE-2839 Hyper-V cross-restore fails if Network-switch-names are different.
- NBKENGINE-2838 Hyper-V restore of VMs with snapshots fails on Win2008.

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