



# Release Notes

*NovaBACKUP<sup>®</sup> Network Version 6.4.2*

*July 2017*

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## What's new in NovaBACKUP Network v6.4.2?

NovaBACKUP Network exceeds customer requirements and expectations by efficiently protecting networks running Windows, Linux, and other operating systems. 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 functionalities in version 6.4.2 are designed to provide full spectrum support for heterogeneous networks.

- **Hyper-V Incremental**  
This feature introduces Incremental Backup Jobs to Granular Item Recovery Pools (GIR) for Virtual Machines under Microsoft Hyper-V.
- **Enhanced Command-Server performance and stability**  
Significantly reduced resource consumption (memory, CPU, threads) in RCMD components
- **Backup: Add job duplication function to the context / window menu**  
Easily duplication of backup jobs via context menu for enhanced productivity.

## Version 6.4.2 (July 2017)

### Major Improvements, Features and Enhancements

- NBF-78                      Hyper-V Incremental Backup
- NBF-37                      Windows Server 2016 Support
- NBF-424                    Backup automatically use a second mediapool as fallback
- NBF-195                    Hyper-V MK2 Support

### Notable Resolved Issues

- NBKENGINE-3508        Jobs may be missing in Reporting and Restore
- NBKENGINE-3520        Sys Env: command server immediately takes tremendous resources
- NBKENGINE-3530        Nodes Mgmt: Cluster configuration issues
- NBKENGINE-3535        GUI: Prevent renaming backup jobs to existing names
- NBKENGINE-3541        Single File Restore ends to soon
- NBKENGINE-3525        Backup: Add job duplication function to the context / window menu
- NBKENGINE-3358        Nodes Mgmt: Adding a cluster server leads to duplicate entries in Nodes Mgmt
- NBKENGINE-3061        Monitoring: RCMD thread usage and deadlock
- NBKENGINE-2539        Restore: very slow browsing of backups with SPL=8 and SkipMountpoint=no
- NBKENGINE-3512        exvmlconf dump-disk-config lacks cluster support

## Version 6.2.2 (January 2017)

### Major Improvements, Features and Enhancements

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

## Version 6.2.1 (October 2016)

### Major Improvements, Features and Enhancements

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

### Known Issues

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

## Version 6.1 (June 2016)

### Major 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

## Version 6.0 (April. 2016)

### Major 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

## 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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