

# Change log for UrBackup Client for Microsoft Hyper-V

Last changed: 2020-06-21

This document only lists changes concerning Hyper-V. For other changes please consult [https://www.urbackup.org/client\\_changelog.html](https://www.urbackup.org/client_changelog.html) . The latest changes are listed first.

## **UrBackup Client for Hyper-V 2.2.20 Released 2020-06-21**

- Fix crash when reading NTFS data for free space information fails
- Fix snapshotting of Hyper-V host

## **UrBackup Client for Hyper-V 2.2.19 Released 2020-01-14**

- Improve Hyper-V snapshot scripts (simplified and it now should not race with differential snapshot deletion anymore)
- Ignore some errors during Hyper-V snapshots (e.g. if deletion of previous snapshot fail)
- Continue backup with all data and ignore error if NTFS parsing of disk volume has error
- Fix a memory leak in disk parsing

## **UrBackup Client for Hyper-V 2.2.18 Released 2019-08-16**

- Fix VHD disk images failing to open at backup start (no issues with VHDX images)
- Fix Changed Block Tracking causing too much data to be scanned in some cases
- Fix Changed Block Tracking initialization of zeroed (unused) blocks during initial full image backups

## **UrBackup Client for Hyper-V 2.2.17 Released 2019-08-12**

- Fix VMName escaping in scripts in client. Some characters were improperly escaped causing problems with virtual machines with names containing any of `*?[+'\`