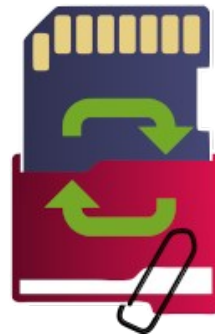


raspiBackup

raspiBackup Release 0.7

What's new?



Overview

- Restore of a partitionorientierted backup possible on smaller and larger restore devices
- Restore of a partitionorientierted rsync backup has a new option -00
- OS Release now included in backupdirectory name
- Usage of temporary backup directory
- Minor other enhancements

Restore enhanced

- So far a partitioned backup cannot be restored to a smaller restore device
 - Now the last partition is shrunk or expanded accordingly
 - Restore to a smaller and larger restore device possible
 - No waste of additional space when a larger device is used
- So far all partitions are restored
 - Now you can select which partitions should be restored with option -T
 - Default: Restore the first 2 partitions only
 - Option -T "*" restores all partitions

New rsync restore option

- New option `-00` available for partitionoriented rsync backup
- Restore device partitions are not formatted
- Extension of option `-0`
- rsync restores only updated and deleted files and deletes new files
 - Use case:
 - Minor modifications on a system cause a boot failure or other unknown application issues
 - Restore of the latest backup with option `-00` to the system will be much faster. In particular when only the first two partitions are restored

OS release used in directoryname

- Use case:
 - A system is upgraded to a new OS release (Wheezy → Jessie → Stretch → Buster → Bullseye → Bookworm)
 - Impossible to detect the release from the backup directory name
- Old backup directory names
 - <hostname>-<backuptype>-backup-<date>
- New backup directory names
 - <hostname>@<osrelease>-<backuptype>-backup-<date>
- Old backups without osrelease are not included in the backup recycle process and have to be deleted manually
- Old backup directories can be restored with new release

Temporary backup directory

- A new backup directory is no longer created in the final backup directory of the system but in a temporary directory
 - Example:
 - <hostname> : Backupdirectory name of system
 - <hostname>/tmp/<hostname>@<osrelease>-<backuptype>-<date> is temporary backup directory
 - <hostname>/<hostname>@<osrelease>-<backuptype>-<date> will be final backup directory
- A new backup is moved into final backup directory if the backup succeeds
- Incomplete backups are deleted when the next backup completes successfully
- Why?
 - In rare cases it may happen raspiBackup aborts and will leave an incomplete backup in the backup directory

Minor other enhancements

- Support of F2Fs
- Additional pushover options
 - Target device can be configured
 - Any additional pushover options can be configured
- Default backup type changed
 - rsync instead of dd
- systemd journal will be excluded in a tar backup

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