

# Rocket® Virtual Data Recovery

Get the Highest ROI From Your Virtual Tape Investment

Exploit your VTL investment by directing vault data into your VTL

Create copies of virtual tape backups onto native non-proprietary media

Reduce vaulted media by stacking virtual backups to high density media

Eliminate JCL modification requirements for application recovery

Recover faster without sacrificing D/R integrity

Recover backups at the D/R site directly from native media to other tape media, virtual tape or directly to DASD

Rocket Virtual Data Recovery (VDR) is an automated process for creating and recovering cataloged backups of virtual tape backup data targeted for vaulting. VDR automates storing the backups to any local or remote tape device. VDR also provides automated data recovery capabilities regardless of where the backups are located. VDR works seamlessly with your current vaulting methodology and is easy to implement.

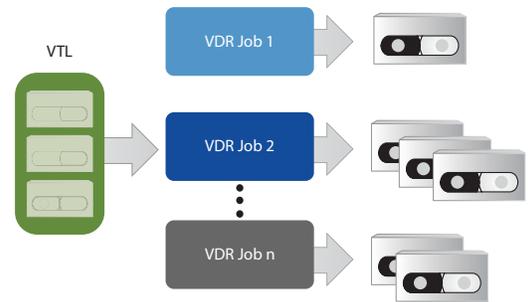
## Create Copies of Virtual Data Targeted for Vaulting

Creating backups in your virtual tape library reduces the overall backup window. Use VDR to create stacked copies of these backups to high density media to further reduce vaulted media and media handling costs. VDR backup data is in a non-proprietary format and resides on native media. The media can be read by native drives at the disaster recovery location, which eliminates the expense of using virtual tape libraries at the disaster recovery site.

## Understand Data Availability

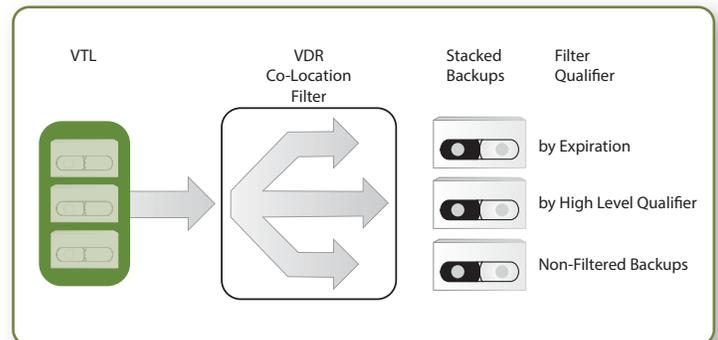
The architecture in VDR allows virtual tape users to create dual copies of critical data sets and store them in any other virtual or non-virtual tape device. If a production data set becomes unavailable, the dual copy can be restored as the production data set without modifying your production JCL. Since there is no data movement involved, the restore process is completed quickly to ensure timely data availability. The

concept is similar to using VDR as a dual copy vaulting solution. However, directing the dual copy backups to another virtual tape device allows for the fastest restoration of the dual copy backups.



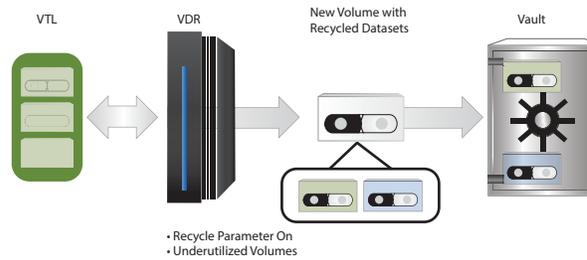
## Colocate Stacked Data

VDR enables control of which data sets are stacked together on the VDR backup tapes so that data sets that expire around the same time are stacked together. Media that is returned from the vault, and data sets that are created by the same application, are stacked together to meet recovery priorities.



## Recycle Vaulted Media

VDR provides the ability to “recycle” under-utilized tape media without the risk of first returning the backup media to the data center. VDR finds the remaining, unexpired data sets on a backup tape and reselects the original data set for backup. A new, better-utilized backup tape is created and sent to the vault. The less-utilized tape is then expired and returned from the vault. In addition, backups can be recovered directly to DASD from the VDR backup tape—saving a substantial amount of recovery time.



**Save recovery time by providing the user with the option of recovering the data directly from native tape to DASD in a single step.**

## High Level Features and Benefits

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| <b>Create Backup Copies</b>             | ❖ Create one or two backups of the selected original data sets. Copies can be stored in multiple locations to meet custom disaster recovery needs.   |
| <b>Reduce Backup Window</b>             | ❖ Run multiple backup jobs simultaneously to ensure that your virtual tape data is backed up within the available window. Backup jobs are only limited by the number of output devices available.  |
| <b>Audit Continuously</b>               | ❖ Monitor between the original data set and any backup copies created for that dataset, VDR monitors this relationship to ensure that all targeted data sets have a matching backup, and recognizes when an original data set has expired so that the matching backup data set can be expired as well. |
| <b>Robust Recovery Options</b>          | ❖ Recover automatically and quickly by restoring from the existing backup media (which requires no data movement), or copying the backup data sets to another virtual tape library or other tape media. With duplex backup, either copy can be used for recovery.                                      |
| <b>Select Virtual Data Set Criteria</b> | ❖ Select any number of options when selecting virtual data set candidates for backup including, but not limited to: Vault code/Outcode, Dataset name or pattern, Creating job name/program, Creation date, and Volser range or pattern.  |

## Technical Specifications

Requires z/OS Release 1.12 or higher.

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