

CDP 3.0 : Key Benefits



High Performance Backup

CDP 3.0 can reduce your backup windows from hours to minutes; improve recovery point objectives by replicating your data to disk-based archive storage up to every 15 minutes; and reduce the impact of backups on server load.



Central Backup Repository (Available on Enterprise Edition only)

Central Web-based administration. No special hardware required; works on existing TCP/IP network infrastructure. Manage up to 30 or more server backups to one CDP Enterprise Server. Store CDP backups on any reliable disk-based storage.



Portable Backup Storage

With CDP 3.0 portable Disk Safe® technology, your backups go wherever you need them to. Move your Disk Safe to a new location, open it with another CDP installation, take it with you, even copy it to a USB drive and put it in the car.



Multi-Point Replication (Available on Enterprise Edition only)

With CDP 3.0 Enterprise Edition you use multi-point replication to efficiently make multiple backup replicas of your servers. Both on-site and off-site or redundant on-site copies of your recovery points are possible.



Bare-Metal Restore (Available on Advanced and Enterprise Edition only)

Bare-Metal Restore is a high-performance alternative to file-by-file restore. By bypassing the file system and streaming blocks directly to disk, restores of large file systems can be performed significantly faster.

Industrial Strength Storage

New CDP 3.0 Disk Safe® technology is industrial strength disk storage for your backup and archiving. Archive up to 64TB of recovery points per disk. Atomic disk writes protect data from crashes and power loss.



MS Volume Shadow Copy (Windows)

The Microsoft Volume Shadow Copy Service (VSS) is used by CDP to produce a point-in-time snapshot of the disk volume, delivering protection for locked and open files.



Powerful File Excludes

With CDP 3.0 technology you can browse your file system and select any combination of files and folders to be excluded from your data protection policy. Add advanced exclude rules using patterns to exclude only certain file types.



Innovative Web Interface

In addition to the policy management and reporting you can browse, download, and restore files from your recovery points using an Explorer-style interface. You can also see the detailed progress of replication and restore jobs as they run.

Simultaneous Restores

Never again wait for a restore job to begin. Restore even while your policy is replicating. Perform multiple file restore jobs simultaneously. Double-click and download archived files in your recovery points directly from the Web interface.



Compression

R1Soft offers both QuickLZ and industry-standard zlib (Zip). Data is compressed at the block-level and stored only once until it changes or is no longer needed. Typical compression ratios are 2:1.

Data Retention Policy

Define a CDP replication goal; for example, every 15 minutes, or every hour, or every 4 hours. Then define how many recovery points you will retain. Old recovery points are automatically merged and their storage is recycled.

Maximum Protection for MySQL and MS SQL Databases (Available on Advanced and Enterprise Edition only)

Backup Windows MySQL and MS SQL databases online with minimal disk I/O load and impact using R1Soft's Continuous Data Protection add-on.