

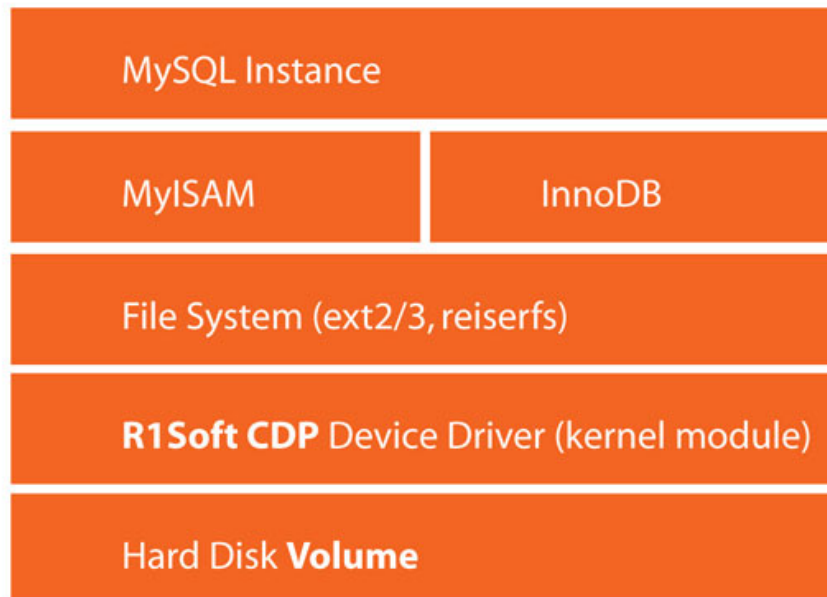
R1Soft CDP for MySQL

→ Overview

R1Soft's CDP for MySQL allow consistent point in time block level snapshots of running MySQL instances. Because of R1Soft's unique kernel level backup process both InnoDB and MyISAM are supported and locks are held for less than a couple of milli-seconds during the backup process ensuring continuous operation of your busy MySQL server during the entire backup process even for very large databases.

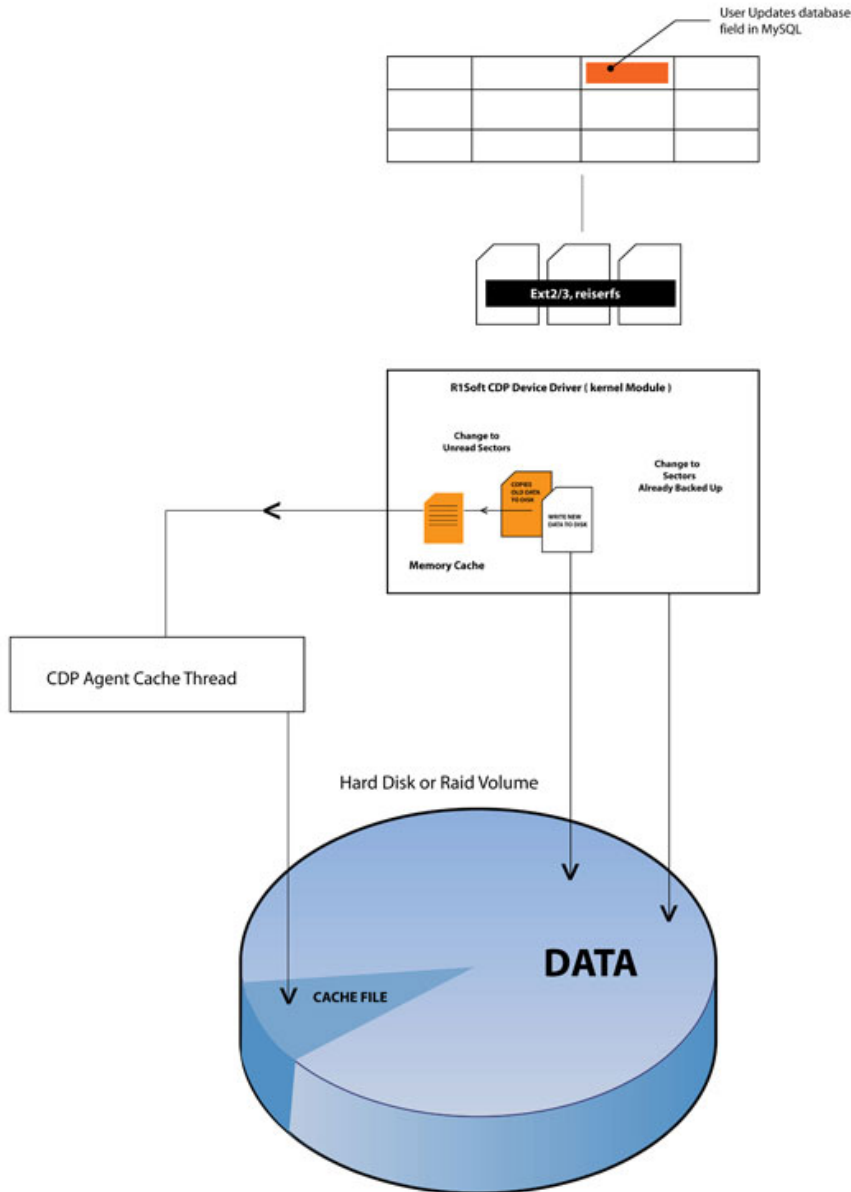
Online Backups for MyISAM & InnoDB

- 1) Lock Tables
- 2) SnapShot Hard Disk Volumes using R1Soft CDP for Linux
- 3) Unlock Tables
- 4) Copy only changed disk sectors from point-in-time snapshot



R1Soft Point - In-Time - Snapshots

This diagram traces a database read/write through the Linux Server during a R1Soft snapshot and backup.



➔ Load

Very large volumes and databases can be backed up quickly after the initial first seed backup is taken. Below is a Load graph from a customer server showing the before and after picture after switching to R1Soft CDP software for their MySQL backups.

Server Load

Nightly MySQL Backup (tar & rsync) -VS- R1Soft
Server Load Avg. Dropped From 3.0 to 0.0

