MySQL Replication Slave for Backup

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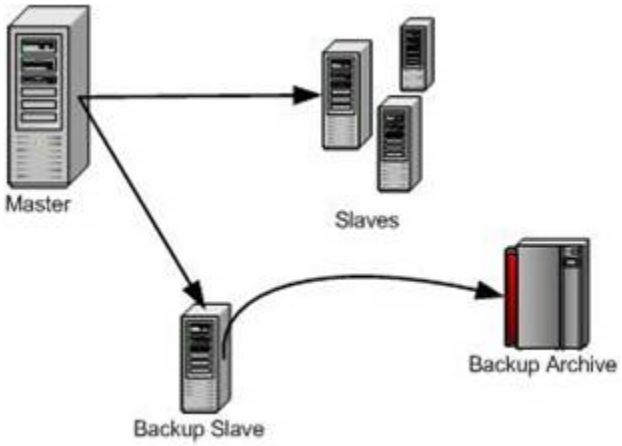
Slaves are hard workers.

Replication Can be Paused on Slave to Allow Point-in-time backups. Long backup operations can proceed without disrupting other servers. Backup Disk I/O isolated away from customer facing servers. A challenge some deployments experience is that for larger databases or especially those that are write intensive is that long pauses in replication required for backup using tradition tools like mysqldump or mysqlhotcopy can be problematic for the replication.



Category	Legacy
Archive Type	Disk
MySQL Storage Engines Supported	Replication Required
Supported O/S	All
Binlog Backup & Restore	Yes
Zero Business Interruption (Online Backups)	Yes
Granular (Table Level) Restore	No
Easy to Use Graphical User Interface	No
Complete Server Protection (Backup All Data or just MySQL?)	No
Backup Type	Full (Incremental with Binary Logs)
Backup Window Length	Long Replication Pauses Can be Problematic

Server Disk I/O and Load Impact	No impact on live servers!