

# InnoDB recovery

What we will need to do for the recovery is to stop mysql and put it in `innodb_force_recovery` to attempt to backup all databases.

```
service mysqld stop
mkdir /root/mysqlbak
cp -rp /var/lib/mysql/ib* /root/mysqlbak
```

```
vim /etc/my.cnf
```

You can start from 1 to 4, go up if it does not start and check mysql logs if it keeps crashing.

```
innodb_force_recovery = 1
```

```
service mysqld start
mysqldump -A > dump.sql
```

Drop all databases that needs recovery.

```
service mysqld stop
rm /var/lib/mysql/ib*
```

Comment out `innodb_force_recovery` in `/etc/my.cnf`

```
service mysqld start
```

Then check `/var/lib/mysql/server/hostname.com.err` to see if it creates new ib's.  
Then you can restore databases from the dump: `mysql < dump.sql`

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