

# MySQL Backup

? Host ??

backup-db.sh

```
#!/bin/bash

BKDIR="db_backups"
BKFILE="cloudcoin_raida#17.`date +%y%m%d`.sql"
DBUSER="ThisDBUser"
DBNAME="cloudcoin_raida"
CONTNAME="raida17"
CONTDIR="/opt/data/$BKDIR"
HOSTDIR="/docker_vol/raida/data/$BKDIR"
KEEP=2

[ -d $HOSTDIR ] || mkdir $HOSTDIR
cd $HOSTDIR
start_s=$(date +%s)
echo "***** START `date "+%F@%T"` *****"

# Full Backup
echo "-> Back up Full DB "
docker exec $CONTNAME bash -c "mysqldump --single-transaction --add-drop-table -u $DBUSER $DBNAME > $CONTDIR/$BKFILE"
retval=$?

if [ $retval -eq 0 ];then
    echo "... [success]"
else
    echo "... [failure]**"
    exit 1
fi
```

```

# Compress the files
echo "-> Compress the dump file "
gzip -f $HOSTDIR/$BKFILE

retval=$?
if [ $retval -eq 0 ];then
    echo "... [success]"
    BKFILE="$BKFILE.gz"
else
    echo "... [*failure*]"
    exit 1
fi

# Purge the old files
echo "-> Purge the old files"
ls_files=$(ls -lt cloudcoin_raida* | awk -F ' ' '{print $9}')
len=${#ls_files[@]}
i=$KEEP
while ((i < $len));do
    rm -vf "${ls_files[i]}"
    let i++
done

end_s=$(date +%s)
elapsed=$(( end_s - start_s ))
echo
echo "Elapsed: $elapsed seconds"
echo "Output File: $HOSTDIR/$BKFILE"
echo "***** END `date "+%F@%T"` *****"
echo

```

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