

Manual local Backups

/home/xavi/scripts/backup_manual_pentinella.sh



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#!/bin/bash
#####
### PARAMETERS TO CUSTOMIZE THE SCRIPT
#####
### Generic Label for the server ###
MLABEL="xavi_pentinella"
### MySQL Server Login Info ###
MUSER="mysqluser"
MPASS="mysqlpass"
MHOST="localhost"
### FTP SERVER Login info ###
FTPU="ftpuser"
FTPP="ftppass"
FTPS="ftpsserver"
FTPF="./backups/pentinella"
NOWD=$(date +%Y-%m-%d)
NOWT=$(date +%H_%M_%S)
## Some paths defined
MYSQL="$(which mysql)"
MYSQLDUMP="$(which mysqldump)"
BAKPATH="/home/xavi/backups_locals" # TODO: make the follingw paths relative to
this one
BAK="backup_local_pentinella"
TIKIFILESABSPATH="/var/www/tiki_files"
# Relative paths to backup folders
RBAK1="mysql"
RBAK2="tikifiles"
RBAK3="serverfiles"
RBAK4="homexavifiles"
EMAILF="ueb@vhir.org"
EMAILT="xavier.depedro@vhir.org"
SMTP="servirmtal.ir.vhebron.net"

#### End of parameters
#####

# Base path for backup folders
BBAK=$BAKPATH/$BAK/$NOWD
# Absolute paths to backup folders (base path + relative path)
ABAK1=$BBAK/$RBAK1
ABAK2=$BBAK/$RBAK2
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ABAK3=$BBAK/$RBAK3
ABAK4=$BBAK/$RBAK4
# Other variables used
GZIP="$(which gzip)"
# Relative paths for each log file
RLOGF=log-$MLABEL-SUM.$NOWD.txt
RLOGF1=log-$MLABEL-$RBAK1.$NOWD.txt
RLOGF2=log-$MLABEL-$RBAK2.$NOWD.txt
RLOGF3=log-$MLABEL-$RBAK3.$NOWD.txt
RLOGF4=log-$MLABEL-$RBAK4.$NOWD.txt
# Base log path (set by default to the same base path for backups)
BLOGF=$BBAK
# Absolute path for log files
ALOGF=$BLOGF/$RLOGF
ALOGF1=$BLOGF/$RLOGF1
ALOGF2=$BLOGF/$RLOGF2
ALOGF3=$BLOGF/$RLOGF3
ALOGF4=$BLOGF/$RLOGF4

### These next parts (1) & (2) are related to the removal of previous files in
these folders if they exist, and create dirs as needed for new set of periodic
backups ###

## (1) To remove all previous backups locally at the server and at the same base
backup folder, uncomment the following line
#[ ! -d $BAKPATH/$BAK ] && mkdir -p $BAKPATH/$BAK || /bin/rm -f $BAKPATH/$BAK/*

## (2) To avoid removing previous backups from teh same day locally, keep the last
part commeted out (with ## just in front of "|| /bin/rm -f ..." )
[ ! -d $ABAK1 ] && mkdir -p $ABAK1 # || /bin/rm -f $ABAK1/*
[ ! -d $ABAK2 ] && mkdir -p $ABAK2 # || /bin/rm -f $ABAK2/*
[ ! -d $ABAK3 ] && mkdir -p $ABAK3 # || /bin/rm -f $ABAK3/*
[ ! -d $ABAK4 ] && mkdir -p $ABAK4 # || /bin/rm -f $ABAK4/*
### [ ! -d "$BAK" ] && mkdir -p "$BAK" ###

DBS="$($MYSQL -u $MUSER -h $MHOST -p$MPASS -Bse 'show databases')"
for db in $DBS
do
    FILE=$ABAK1/$db.$NOWD-$NOWT.gz
    $MYSQLDUMP -u $MUSER -h $MHOST -p$MPASS $db | $GZIP -9 > $FILE
done

### Backup tikifiles ###
#tar -czvf $ABAK2/00-$RBAK2-$MLABEL.$NOWD-$NOWT.tgz $TIKIFILESABSPATH/* > $ALOGF2

### Backup serverfiles ###
tar -czhvf $ABAK3/00-$RBAK3-$MLABEL.$NOWD-$NOWT.tgz /etc/* /root/.luckyBackup/*
/root/.local/* /root/.ssh/* /root/.config/* > $ALOGF3

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### Backup home user files ###
tar -czhvf $ABAK4/00-$RBAK4-$MLABEL.$NOWD-$NOWT.tgz /home/xavi/scripts/*
/home/xavi/.local/* /home/xavi/.config/* /home/xavi/.Skype/*
/home/xavi/.luckyBackup/* /home/xavi/.ssh/* /home/xavi/.purple/* > $ALOGF4

### Send files over ftp ###
#lftp -u $FTPU,$FTPP -e "mkdir $FTPF/$NOWD;cd $FTPF/$NOWD; mput $ABAK1/*.gz; mput
$ABAK2/*.tgz; mput $ABAK3/*.tgz; quit" $FTPS > $ALOGF
cd $ABAK1;ls -lh * > $ALOGF1
# Add a short summary with partial dir sizes and append all partial log files into
one ($LOGF)
cd $BBAK;du -h $RBAK1 $RBAK2 $RBAK3 $RBAK4 > $ALOGF;echo "" >> $ALOGF;echo "---
$RBAK2 uncompressed: -----" >> $ALOGF;du $TIKIFILESABSPATH -h --max-
depth=2 >> $ALOGF

### Compress and Send log files ###
tar -czvf $ALOGF1.tgz -C $BLOGF $RLOGF1
#tar -czvf $ALOGF2.tgz -C $BLOGF $RLOGF2
tar -czvf $ALOGF3.tgz -C $BLOGF $RLOGF3
tar -czvf $ALOGF4.tgz -C $BLOGF $RLOGF4
#lftp -u $FTPU,$FTPP -e "cd $FTPF/$NOWD; put $ALOGF1.tgz; put $ALOGF2.tgz; put
$ALOGF3.tgz; put $ALOGF4.tgz; quit" $FTPS

### Send report through email ###
sendemail -f $EMAILF -t $EMAILT -u '[Pentinella Manual Local Backup Report]' -m
'Short report attached' -a $ALOGF -a $ALOGF1 -s $SMTP -o tls=no

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Crontab

Crontab for root as of Dec 29th, 2015



```

#Back In Time system entry, this will be edited by the gui:
0 14 * * 1 /usr/bin/nice -n 19 /usr/bin/ionice -c2 -n7 /usr/bin/backintime --
backup-job >/dev/null 2>&1
#Back In Time system entry, this will be edited by the gui:
0 14 * * * /usr/bin/nice -n 19 /usr/bin/ionice -c2 -n7 /usr/bin/backintime --
profile-id 2 --backup-job >/dev/null 2>&1

30 13 * * Wed sh '/home/xavi/scripts/backup_manual_pentinella.sh'

#10 12 * * * cd /var/www/html/12.x/;php console.php index:rebuild > /dev/null 2>&1

# Sending "Daily reports" of watch-emails
#* * * * * cd /var/www/html/12.x/;php console.php daily-report:send > /dev/null
2>&1

```

Alias names for this page: Pentinella