

WatchDog watchdog.sh script for checking server running

Article Number: 344 | Rating: Unrated | Last Updated: Tue, Jul 31, 2018 9:37 AM

```
#!/bin/bash
# Service watchdog script
# Put in crontab to automatically restart services (and optionally email you) if they die for some reason.
# Note: You need to run this as root otherwise you won't be able to restart services.
#
# Example crontab usage:
#
# Strict check for apache2 service every 5 minutes, pipe results to /dev/null
# */5 * * * * sh /root/watchdog.sh apache2 "" > /dev/null
#
# "Loose" check for mysqld every 5 minutes, second parameter is the name of the service
# to restart, in case the application and service names differ. Also emails a report to admin@domain.com
# about the restart.
# */5 * * * * sh /root/watchdog.sh mysqld mysql admin@domain.com > /dev/null

# Common daemon names:
# Apache:
# apache2 - Debian/Ubuntu
# httpd - RHEL/CentOS/Fedora
# ---
# MySQL:
# mysql - Debian/Ubuntu
# mysqld - RHEL/CentOS/Fedora
# ---
# Service name
DATE=`date +%Y-%m-%d--%H-%M-%S`
SERVICE_NAME="$1"
SERVICE_RESTARTNAME="$2"
EXTRA_PGREGP_PARAMS="-x" #Extra parameters to pgrep, for example -x is good to do exact
matching
MAIL_TO="$3" #Email to send restart notifications to
```

```

#path to pgrep command, for example /usr/bin/pgrep
PGREP="pgrep"

#Check if we have have a second param
if [ -z $SERVICE_RESTARTNAME ]
then
RESTART="/sbin/service ${SERVICE_NAME} restart" #No second param
else
RESTART="/sbin/service ${SERVICE_RESTARTNAME} restart" #Second param
fi

pids=`$PGREP ${EXTRA_PGREP_PARAMS} ${SERVICE_NAME}`

#if we get no pids, service is not running
if [ "$pids" == "" ]
then
$RESTART
if [ -z $MAIL_TO ]
then
echo "$DATE : ${SERVICE_NAME} restarted - no email report configured."
else
echo "$DATE : Performing restart of ${SERVICE_NAME}" | mail -s "Service failure:
${SERVICE_NAME}" ${MAIL_TO}
fi
else
echo "$DATE : Service ${SERVICE_NAME} is still working!"
fi

```

```

# copylefted from https://gist.github.com/vodolaz095/5073080

```

watchdogMaster.sh

```
#!/bin/bash
mailto="mymail@mydomain"

/bin/bash /root/watchdog.sh mysqld mysqld "$mailto"
/bin/bash /root/watchdog.sh httpd httpd "$mailto"
/bin/bash /root/watchdog.sh pound pound "$mailto"
/bin/bash /root/watchdog.sh redis-server redis "$mailto"
/bin/bash /root/watchdog.sh memcached memcached "$mailto"
```

```
/bin/bash /root/watchdog.sh searchd searchd "$mailto"
```

Posted - Tue, Jul 31, 2018 9:37 AM. This article has been viewed 5539 times.

Online URL: <http://kb.ictbanking.net/article.php?id=344>