

The Crontab

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Once the system has been fully configured and tested, it is time to start it up. To do this, simply load the crontab under the 'iepm' account. The following is the crontab template which is used for most systems.

```
#kill all servers to clean up any hung ones and to rotate the logs
5 0 * * * /home/iepm/v3src/kill-all-servers >> /home/iepm/mysql/logs/kill-all-servers 2>&1
# restart the servers
10 0 * * * /home/iepm/v3src/restart-all-servers >> /home/iepm/mysql/logs/restart-all-servers.today 2>&1
# copy and date the logs for the day - after shutting down servers and before restarting them
6 0 * * * /home/iepm/v3src/copylogs /home/iepm/mysql/logs > /tmp/iepm-bw-logcopy 2>&1
#
#
# back up the data base
15 0 * * * /home/iepm/v3src/backup-iepm-mysql-database /home/iepm/public_html/mysql-backup >> /home/iepm/mysql
/logs/backup-iepm-mysql-database.today 2>&1
#
# rotate and date the backups
0 3 * * * /home/iepm/v3src/copylogs /home/iepm/public_html/mysql-backup >> /home/iepm/mysql/logs/mysql-backup.
today 2>&1
#
#
# run keepalive check - keeps the daemons alive by checking /home/iepm/mysql/keepalives
5,15,25,35,45,55 * * * * /home/iepm/v3src/keep-em-alive >> /home/iepm/mysql/logs/keep-em-alive.today 2>&1
#
# run keep server alive check
1,11,21,31,41,51 * * * * /home/iepm/v3src/keep-servers-alive >> /home/iepm/mysql/logs/keep-servers-alive.today
2>&1
#
# cleanup hung clients and other processes
3,13,23,33,43,53 * * * * /home/iepm/v3src/bw-cleanup >> /home/iepm/mysql/logs/bw-cleanup.today 2>&1
#
#
# run the analyses
23 1,3,5,7,9,11,13,15,17,19,21,23 * * * /home/iepm/v3src/post-test-processing-script -g 1 >> /home/iepm/mysql
/logs/post-test-processing-script.today 2>&1
#
# run the overnight analysis
15 3 * * * /home/iepm/v3src/overnight-processing-script > /home/iepm/mysql/logs/overnight-processing-script.
today 2>&1
#
# run the trace analysis
10 * * * * /home/iepm/v3src/traceanal/traceanal -d today -i 0 >> /home/iepm/mysql/logs/traceanal.today 2>&1
#
#Run the bandwidth change analysis code
5 0,2,4,6,8,10,12,14,16,18,20,22 * * * /home/iepm/v3src/alerts/analyze-for-alerts -t "iperf,pathchirp,pathload,
miperf,tlaytcp" -p "iperf,pathchirp,thrumin,miperf,tlaytcp" >> /home/iepm/mysql/logs/analyze-for-alerts.today
2>&1
#
# run historical alerts web page
15 0,2,4,6,8,10,12,14,16,18,20,22 * * * /home/iepm/v3src/report-alerts >> /home/iepm/mysql/logs/report-alerts.
today 2>1
#
```

Note that each crontab entry has a log file that the results are written to. If you need to put in debug statements, make sure they write to STDERR and they will end up in the log file. The log file for 'today' is always 'scriptname.today'. These are rotated daily at 00:06 by the 'copylogs' script. Note that 'copylogs' is written to /tmp so it does not try to rotate itself.