

Re: mysql – kern.maxfiles limit exceeded by uid 500 please see tuning(7)

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- *From:* "Mike Todd" <MikeTodd@xxxxxxxxxxxx>
  - *Date:* Sun, 05 Mar 2006 07:20:10 GMT
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"none"

Since mysql crashes after 5 days of running your script, I think you'd better check its operation and see if it is causing your system to exceed the kern.maxfiles limit. The easiest way to check on it would be to open another terminal and issue the "mysqladmin status" command every once in a while to see if the number of open files is continuing to grow.

You may have to use the "-p" option so that you can provide the proper password for the mysqladmin program.

If that is the case, you may want to look into the "flush tables" option so that you can have your script issue that command periodically to correct the runaway file creation process.

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Mike Todd

"none" <mikem891@xxxxxxxxxxxx> wrote in message  
<news:1141515856.658929.307200@xx>

Hi, I have a freebsd 4.10 server (x86) and I run a shell script as a cron job every 15 minutes. This scripts enter some data in the mysql database.

The server works fine for a few days, but after 5 days it crashes. I only get this error and cannot do anything else (except rebooting)  
kern.maxfiles limit exceeded by uid 500 please see tuning(7)

uid 500 is mysql, so I would like to know why mysql is causing this error? why does it need to open that much files? my current kern.maxfiles is 1064, shouldn't this be enough?

What should I do this fix that?

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add sysctl kern.maxfiles=4256 to /etc/rc.local?  
or should I recompile the kernel with a new maxfiles  
value?

Is there a way to configure mysql to open  
less files?

Can my shell script be the culprit? It does something like  
this:

```
if [ "`echo | ${mysqlbin} 2> /dev/stdout`" ]
then
echo "CREATE DATABASE ${mysqlname};" | ${mysqlpath}
--user=${mysqluser} --password=${mysqlpass}
echo "CREATE TABLE Average (Time DATETIME, AverageBar TINYTEXT,
Average FLOAT);" | ${mysqlbin}
echo "CREATE TABLE DBInfo (No TINYINT UNSIGNED, Server TINYTEXT);" |
${mysqlbin}
fi

echo "INSERT INTO Average (Time, AverageBar, Average) VALUES
('${sqltime}', LOAD_FILE('${tmpfile}.win'), '${avgtotal}');" |
${mysqlbin}
```

Thanks