# 审计日志插件安装

最近在线上数据库动态启用审计日志插件后，导致mysql卡住，停止对外提供服务，现将目前的问题总结如下(PS:可能不是很准确)

## ****动态启用过程(会出现描述的问题)****

## 

安装审计日志插件，并检查是否安装成功

INSTALL PLUGIN audit\_log SONAME 'audit\_log.so'; show plugins;

动态设置变量

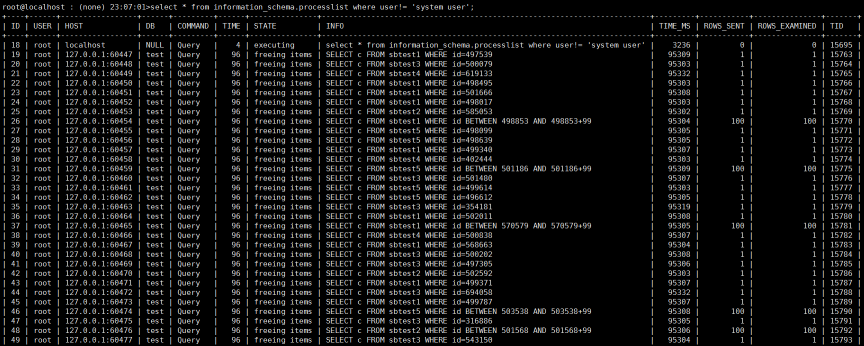
set global audit\_log\_rotate\_on\_size = 536870912;

set global audit\_log\_rotations = 10;

set global audit\_log\_include\_commands = "create\_table,create\_index,alter\_table,update,insert,insert\_select,delete,truncate,drop\_table,drop\_index,grant,create\_db,drop\_db,alter\_db,create\_udf,drop\_function,revoke,kill,rename\_table,delete\_multi,update\_multi,create\_user,drop\_user,rename\_user,revoke\_all,create\_procedure,create\_function,drop\_procedure,alter\_procedure,alter\_function,create\_view,drop\_view,create\_trigger,drop\_trigger,alter\_tablespace,create\_server,drop\_server,alter\_server,create\_event,alter\_event,drop\_event,alter\_db\_upgrade,alter\_user,alter\_instance";

运行几分钟后，mysql卡住，mysql进程还在，但对外停止提供服务，连不上数据库

此时查看数据库的线程，状态均是**freeing items(查看官方文档说此状态和查询缓存有关，但把查询缓存禁了也会有该状态，也会出现该问题)**



测试发现是因为set global audit\_log\_rotate\_on\_size = 536870912;语句导致的，目前在5.6.32、5.6.34、5.7.16均发现此问题

**结论**

   目前在5.6.32、5.6.34、5.7.16版本中均发现此问题，所以建议不要动态启用审计日志插件，而通过在配置文件里面进行配置的方式，择机重启，配置如下，其中 audit\_log\_include\_commands的配置会导致数据库在stop时报错(可以正常启动),所以这里注释了,可在数据库启动后执行动态设置

plugin-load = audit\_log.so

audit\_log\_rotate\_on\_size = 536870912

audit\_log\_rotations = 10

#audit\_log\_include\_commands = create\_table,create\_index,alter\_table,update,insert,insert\_select,delete,truncate,drop\_table,drop\_index,grant,create\_db,drop\_db,alter\_db,create\_udf,drop\_function,revoke,kill,rename\_table,delete\_multi,update\_multi,create\_user,drop\_user,rename\_user,revoke\_all,create\_procedure,create\_function,drop\_procedure,alter\_procedure,alter\_function,create\_view,drop\_view,create\_trigger,drop\_trigger,alter\_tablespace,create\_server,drop\_server,alter\_server,create\_event,alter\_event,drop\_event,alter\_db\_upgrade,alter\_user,alter\_instance

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