13. 排查cpu过高及联问题

问题

[P1][PROBLEM][bjxg-secoo-ticket-service-60-28-01][][all(#10) load.lmin 168.58>=50][02 2019-05-22 18:44:00][67]

排查过程

- 1. 60.28服务器配置为12c24g,混合部署:
 - /商城/中台/优惠券/secoo-ticket-service
 - /商城/中台/微信回调/wechar
 - /商城/中台/评价/secooFragmentServer
 - /商城/中台/评价/secooComment
 - /商城/中台/会员中心/secooMobileMy

Comparison of Comparison

4. 命令"jstack 20124 > jstack-30124.log"打印当前线程运行情况
[secoo RD@bjxg-secoo-ticket-service-60-28-01 ~]\$ sudo jstack 30124 > jstack-30124.log

5. 消耗CPU最多线程39314转换16进制(jstack的线程ID为16进制)

```
[secoo_RD@bjxg-mshopping-01 ~]$ printf %x 39314
9992
```

6. 命令"grep"找到消耗CPU最多的形成执行内容

```
[secoo RDBb]yay-secoo-ticket-service-60-28-01 -)S grey -BSO 9982 jstack-30124-090522-2.10g
at org.apache.ibatis.type.BaseTypeHandler.setParameter(BandurrypeHandler.java:23)
at org.apache.ibatis.executor.parameter.DefaultParameter(BaseTypeHandler.java:23)
at org.apache.ibatis.executor.statement.PeparedStatementHandler.java:erice(PeparedStatementHandler.java:61)
at org.apache.ibatis.executor.statement.PeparedStatementHandler.parameterize(RotingStatementHandler.java:43)
at org.apache.ibatis.executor.simpleExecutor.gimpleExecutor.java:40)
at org.apache.ibatis.executor.SimpleExecutor.doguery(SimpleExecutor.java:40)
at org.apache.ibatis.executor.BaseExecutor.query(BaseExecutor.java:40)
at org.apache.ibatis.executor.BaseExecutor.query(BaseExecutor.java:243)
at org.apache.ibatis.executor.BaseExecutor.query(BaseExecutor.java:243)
at org.apache.ibatis.executor.CachingExecutor.query(CachingExecutor.java:273)
at org.apache.ibatis.executor.CachingExecutor.query(CachingExecutor.java:273)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectList(DefaultSqlSession.java:79)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectList(DefaultSqlSession.java:79)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectList(DefaultSqlSession.java:39)
at un.reflect.GeneratedMethodAccessorIBs.invoke(Unknown Source)
at un.reflect.BelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:606)
at org.mybatis.spring.SqlSessionTemplateSqlSessionTemplate.java:155)
at org.apache.ibatis.binding.MaperEventor.GetChe(GhapeExecutor.java:25)
at org.apache.ibatis.inding.MaperEventor.getChe(GaleExecutor.java:25)
at org.apache.ibatis.inding.MaperEventor.java:1000
at org.apache.japer.service.Type.Sypervice(HttpScrytor.java:2500)
at org.apache.japer.service.TypeScrytor.getChegae.java:2500
at org.apache.japer.service.TypeScrytor.GetChegae.java:270)
at org.apache.japer.service.TypeScrytor.GetChegae.java:270
at org.apache.japer.service.TypeScrytor.GetChegae.java:272)
at o
```

7. 统计 "queryOrders"和 __jspService",600个线程都在执行myOrder.jsp接口,模块其它节点正常,怀疑是有程序指定刷或自测。
[Secon_Robb)sgs=secon=tacket=service=60=25-01=18 gree __secon

370 [secoo_RD8bjxg-secoo-ticket-service-60-28-01 -]\$ grep 'org.apache.jsp.order.myorder_jsp._jspService' jstack-30124-090522-2.log|wc -1 600

```
at org.apache.ibatis.executor.BaseExecutor.query(GaseExecutor.java:117)
at org.apache.ibatis.executor.GachingExecutor.query(GachingExecutor.java:127)
at org.apache.ibatis.executor.GachingExecutor.query(GachingExecutor.java:72)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectList(DefaultSqlSession.java:79)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectOne(DefaultSqlSession.java:73)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectOne(DefaultSqlSession.java:73)
at org.apache.ibatis.session.defaults.DefaultSqlSession.selectOne(DefaultSqlSession.java:73)
at sun.reflect.GeneratedMethodAccessorImgl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:606)
at org.mybatis.spring.SqlSessionTemplate$SqlSessionInterceptor.invoke(SqlSessionTemplate.java:350)
at com.sun.proxy.$Proxyl1.selectOne(Unknown Source)
at org.apache.ibatis.binding.MapperPhoty.SqlSessionTemplate.java:155)
at org.apache.ibatis.binding.MapperProxy.invoke(MapperProxy.java:25)
at org.apache.ibatis.binding.MapperProxy.invoke(MapperProxy.java:25)
at com.secoo.order.service.impl.OrderProductImgServiceImpl.querylSCommentUp(OrderProductImgServiceImpl.java:132)
at com.secoo.order.manager.OrderManager.igCommentUp(OrderManager.java:2817)
at org.apache.jsp.order.myorder_jsp.jspService(myorder_jsp.java:118)
at org.apache.jsp.order.myorder_jsp.jspService(Myorder_jsp.java:118)
at org.apache.jsp.order.myorder_jsp.jspService(Myorder_jsp.java:118)
at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:433)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:389)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:389)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:333)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:722)
at org.apache.jasper.servlet.ApsPervlet.service(JspServlet.java:333)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:72
```

解决方式

- 1. 及时联系负责人解决
- 2. 5月26日,发现ticket-service服务耗时时间长,且只有此节点耗时长。
- 3. 确认secooMobileMy的cpu还是异常高

后续解决方式

- 1. 停此节点的secooMobileMy服务
- 2. 观察secooMobileMy服务的其它节点正常
- 3. 观察tieckt-service恢复正常