# 概述

# 操作步骤

# 应用

## TDSQL

## GoldenDB

### 操作系统

#### 开启内存巨页

echo 20 >/proc/sys/vm/nr\_hugepages

echo 4194304>/proc/sys/kernel/shmall

#### 关闭swap

1、fdisk -l | grep swap #查找swap分区

2、swapoff /dev/mapper/rhel-swap

3、vim /etc/fstab注释下面的行防止重启后swap开启

/dev/mapper/rhel-swap swap swap defaults 0 0

#### 进程绑核

尽量保证在一个NUMA节点上：

Proxy绑核：

1. 通过numactl --hardware查看
2. 停止进程：dbmoni -stop
3. 绑核：numactl --physcpubind=64-96 dbstart

DB绑核：

1. dbmoni -stop
2. numactl --physcpubind=0-63 mysql.server start --log-slave-updates=OFF
3. dbstart启动dbagent

### 组件

#### Proxy

Proxy配置项修改：

log\_level=1

route\_instance\_number=10

update\_grade=1

select\_grade=1

judge\_active\_trans\_num=500

exec\_thread\_num=40

netstat\_checkperiod=1800000

shat\_report\_interval=0

stat\_report\_interval=0

stat\_proxy\_topnsql\_number=0

enable\_stmt\_flag=1

thread\_poll\_size=5

connect\_timeout=5000

read\_timeout=5000

#### DB

数据库配置文件my.cnf：

enable\_binlog\_gtmgtid\_index=OFF

performance\_schema=OFF

innodb\_buffer\_pool\_size=128G

innodb\_buffer\_pool\_instances=64

innodb\_io\_capacity=10000

innodb\_io\_capacity\_max=100000

innodb\_lock\_wait\_timeout=30

innodb\_flush\_neighbors=0

max\_binlog\_size=1048576000

thread\_pool\_size=64

thread\_pool\_stall\_limit=50

slave\_preserve\_commit\_order=0

lock\_wait\_timeout=60

#### DBAgent

binlog\_backup\_interval=0

#### GTM

WriteIncFileMode=2

## OceanBase