测试环境大学  
  
Oracle数据库  
  
巡  
  
检  
  
报  
  
告

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# 修改记录

|  |  |  |  |
| --- | --- | --- | --- |
| 日期 | 作者 | 版本 | 修改记录 |
| 2018-08-20 13:38:04 | 胡楠 | V1.0 | 起草 |
|  |  |  |  |

# 审阅记录

|  |  |
| --- | --- |
| 姓名 | 职务 |
| 胡楠 | 数据库服务部经理 |

# 相关文档

无

添加目录

# 1 巡检说明

## 1.1 基本信息

本次总共对测试环境大学2套Oracle数据库进行巡检。

巡检时间：2018-08-20 13:38:04

巡检方式：■远程巡检 □现场巡检。

巡检的数据库列表如下：

|  |  |  |  |
| --- | --- | --- | --- |
| 数据库名及版本 | IP地址 | 操作系统 | 描述 |
| jwdb Oracle 11.2.0.4.0 | 172.16.9.71 172.16.9.72 | Oracle Linux Server release 6.9 4.1.12-112.16.4.el6uek.x86\_64 |  |
| ywkdb Oracle 11.2.0.4.0 | 172.16.9.71 172.16.9.72 | Oracle Linux Server release 6.9 4.1.12-112.16.4.el6uek.x86\_64 |  |
| zhfwdb Oracle 11.2.0.4.0 | 172.16.9.71 172.16.9.72 | Oracle Linux Server release 6.9 4.1.12-112.16.4.el6uek.x86\_64 |  |

## 1.2 巡检小结

|  |  |  |
| --- | --- | --- |
| 类别 | 检查细项 | 结果 |
| 操作系统巡检 | 操作系统基本信息 | ■通过 □警告 □失败 |
|  | 操作系统时区 | ■通过 □警告 □失败 |
|  | 操作系统日志 | ■通过 □警告 □失败 |
|  | 操作系统磁盘空间 | ■通过 □警告 □失败 |
| 集群巡检 | 集群资源状态 | ■通过 □警告 □失败 |
|  | 集群告警日志 | ■通过 □警告 □失败 |
|  | 集群CRS日志 | ■通过 □警告 □失败 |
|  | 集群CSS日志 | ■通过 □警告 □失败 |
|  | OCR自动备份 | ■通过 □警告 □失败 |
| ASM巡检 | 磁盘组信息 | ■通过 □警告 □失败 |
|  | ASM告警日志 | ■通过 □警告 □失败 |
| 数据库巡检 | 数据库版本 | ■通过 □警告 □失败 |
|  | SGA组成 | ■通过 □警告 □失败 |
|  | 控制文件 | ■通过 □警告 □失败 |
|  | 在线重做日志 | ■通过 □警告 □失败 |
|  | 表空间管理 | ■通过 □警告 □失败 |
|  | 已知木马检测 | ■通过 □警告 □失败 |
|  | 数据库告警日志 | ■通过 □警告 □失败 |
| 网络巡检 | 监听状态 | ■通过 □警告 □失败 |
|  | 监听日志 | ■通过 □警告 □失败 |
| 备份策略评估 | RMAN物理备份 | ■通过 □警告 □失败 |
|  | 逻辑备份 | ■通过 □警告 □失败 |

## 1.3 问题点与调整

根据本次巡检结果，目前Oracle数据库环境存在以下几个问题点：

## 1.4 后续建议

针对巡检结果，后续建议：

# 2 巡检细项

## 2.1 操作系统巡检

### 2.1.1 操作系统基本信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 主机名 | CPU配置 | 物理内存 | 交换分区 | 默认网关 |
| db1 | 4 Processor(s) | 7725MB | 8015MB | 172.16.9.1 |
| db2 | 4 Processor(s) | 7725MB | 8015MB | 172.16.9.1 |

### 2.1.2 操作系统时间与时区

数据库服务器的操作系统时区与时间设置，要符合本地时区时间设置。否则对部分时间敏感业务会造成一定的影响。譬如，教务选课系统、一卡通系统等。

**节点一时间与时区：**

2018-08-20 13:36:06  
ZONE="Asia/Shanghai"

**节点二时间与时区：**

2018-08-20 13:35:59  
ZONE="Asia/Shanghai"

结论：■正常 □不正常。

### 2.1.3 操作系统磁盘空间

**节点一文件系统使用率：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Filesystem | Size | Used | Avail | Use% | Mounted on |
| /dev/mapper/vg\_db1-lv\_root | 99G | 32G | 62G | 34% | / |
| tmpfs | 3.8G | 1.8G | 2.0G | 48% | /dev/shm |
| /dev/sda1 | 477M | 160M | 288M | 36% | /boot |
| /dev/mapper/vg\_db1-lv\_home | 41G | 87M | 39G | 1% | /home |
| /opt/oracle-linux6.9.iso | 3.8G | 3.8G | 0 | 100% | /mnt |

**节点二文件系统使用率：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Filesystem | Size | Used | Avail | Use% | Mounted on |
| /dev/mapper/vg\_db2-lv\_root | 99G | 24G | 71G | 25% | / |
| tmpfs | 3.8G | 1.8G | 2.1G | 47% | /dev/shm |
| /dev/sda1 | 477M | 159M | 289M | 36% | /boot |
| /dev/mapper/vg\_db2-lv\_home | 41G | 76M | 39G | 1% | /home |
| /opt/oracle-linux6.9.iso | 3.8G | 3.8G | 0 | 100% | /mnt |

结论：■正常 □不正常。

### 2.1.4 操作系统日志

操作系统日志记录了操作系统运行相关的日志信息。当硬件发生变更、软件及操作系统服务运行异常时，系统日志均会予以记录。本次巡检，对最近1个月的操作系统运行日志予以检查。

**节点一操作系统日志：**

Aug 19 04:17:01 localhost rsyslogd: [origin software="rsyslogd" swVersion="5.8.10" x-pid="2437" x-info="http://www.rsyslog.com"] rsyslogd was HUPed

**节点二操作系统日志：**

Aug 19 03:14:01 db2 rsyslogd: [origin software="rsyslogd" swVersion="5.8.10" x-pid="2274" x-info="http://www.rsyslog.com"] rsyslogd was HUPed

结论：■正常 □不正常。

## 2.2 集群巡检

### 2.2.1 集群资源状态

--------------------------------------------------------------------------------  
NAME TARGET STATE SERVER STATE\_DETAILS   
--------------------------------------------------------------------------------  
Local Resources  
--------------------------------------------------------------------------------  
ora.CRSDG.dg  
 ONLINE ONLINE db1   
 ONLINE ONLINE db2   
ora.DATADG.dg  
 ONLINE ONLINE db1   
 ONLINE ONLINE db2   
ora.LISTENER.lsnr  
 ONLINE ONLINE db1   
 ONLINE ONLINE db2   
ora.asm  
 ONLINE ONLINE db1 Started   
 ONLINE ONLINE db2 Started   
ora.gsd  
 OFFLINE OFFLINE db1   
 OFFLINE OFFLINE db2   
ora.net1.network  
 ONLINE ONLINE db1   
 ONLINE ONLINE db2   
ora.ons  
 ONLINE ONLINE db1   
 ONLINE ONLINE db2   
--------------------------------------------------------------------------------  
Cluster Resources  
--------------------------------------------------------------------------------  
ora.LISTENER\_SCAN1.lsnr  
 1 ONLINE ONLINE db1   
ora.cvu  
 1 ONLINE ONLINE db1   
ora.db1.vip  
 1 ONLINE ONLINE db1   
ora.db2.vip  
 1 ONLINE ONLINE db2   
ora.jwdb.db  
 1 ONLINE ONLINE db1 Open   
 2 ONLINE ONLINE db2 Open   
ora.oc4j  
 1 ONLINE ONLINE db1   
ora.scan1.vip  
 1 ONLINE ONLINE db1   
ora.shitan.db  
 1 ONLINE OFFLINE   
 2 ONLINE OFFLINE   
ora.ywkdb.db  
 1 ONLINE ONLINE db1 Open   
 2 ONLINE ONLINE db2 Open   
ora.zhfwdb.db  
 1 ONLINE ONLINE db1 Open   
 2 ONLINE ONLINE db2 Open

结论：■正常 □不正常。

### 2.2.2 集群告警日志

集群告警日志包含了集群系统级别的错误与报警，需要对近期发现的集群错误进行检查与分析。本次巡检时，在对集群两个节点的alert日志进行分析，发现最近1个月，集群告警日志无异常记录。

**节点一集群告警日志：**

[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 07:28:54.913:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 07:58:55.359:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 08:28:55.970:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 08:58:56.471:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 09:28:57.132:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 09:58:57.707:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 10:28:58.249:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 10:58:58.830:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 11:28:59.384:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 11:58:59.747:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 12:29:00.235:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 12:59:00.875:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 13:29:01.339:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 13:59:01.748:   
[ctssd(3652)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 14:26:50.623:   
[/u01/app/grid/product/11.2.0/grid\_1/bin/orarootagent.bin(3943)]CRS-5822:Agent '/u01/app/grid/product/11.2.0/grid\_1/bin/orarootagent\_root' disconnected from server. Details at (:CRSAGF00117:) {0:5:5927} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/agent/crsd/orarootagent\_root/orarootagent\_root.log.  
2018-05-18 14:26:51.642:   
[ctssd(3652)]CRS-2405:The Cluster Time Synchronization Service on host db1 is shutdown by user  
2018-05-18 14:26:51.646:   
[mdnsd(3367)]CRS-5602:mDNS service stopping by request.  
2018-05-18 14:27:02.001:   
[cssd(3443)]CRS-1603:CSSD on node db1 shutdown by user.  
2018-05-18 14:27:02.111:   
[ohasd(3163)]CRS-2767:Resource state recovery not attempted for 'ora.cssdmonitor' as its target state is OFFLINE  
2018-05-18 14:27:02.111:   
[ohasd(3163)]CRS-2769:Unable to failover resource 'ora.cssdmonitor'.  
2018-05-18 14:27:02.207:   
[cssd(3443)]CRS-1660:The CSS daemon shutdown has completed  
2018-05-18 14:27:04.400:   
[gpnpd(3377)]CRS-2329:GPNPD on node db1 shutdown.   
[client(24270)]CRS-10001:18-May-18 14:37 ACFS-9459: ADVM/ACFS is not supported on this OS version: '4.1.12-112.16.4.el6uek.x86\_64'  
[client(24280)]CRS-10001:18-May-18 14:37 ACFS-9201: Not Supported  
2018-05-18 14:37:56.853:   
[ohasd(24294)]CRS-2112:The OLR service started on node db1.  
2018-05-18 14:37:56.879:   
[ohasd(24294)]CRS-1301:Oracle High Availability Service started on node db1.  
2018-05-18 14:37:56.895:   
[ohasd(24294)]CRS-8017:location: /etc/oracle/lastgasp has 2 reboot advisory log files, 0 were announced and 0 errors occurred  
2018-05-18 14:38:00.767:   
[/u01/app/grid/product/11.2.0/grid\_1/bin/orarootagent.bin(24400)]CRS-2302:Cannot get GPnP profile. Error CLSGPNP\_NO\_DAEMON (GPNPD daemon is not running).   
2018-05-18 14:38:05.234:   
[gpnpd(25441)]CRS-2328:GPNPD started on node db1.   
2018-05-18 14:38:07.649:   
[cssd(27637)]CRS-1713:CSSD daemon is started in clustered mode  
2018-05-18 14:38:09.446:   
[ohasd(24294)]CRS-2767:Resource state recovery not attempted for 'ora.diskmon' as its target state is OFFLINE  
2018-05-18 14:38:41.035:   
[cssd(27637)]CRS-1707:Lease acquisition for node db1 number 1 completed  
2018-05-18 14:38:42.467:   
[cssd(27637)]CRS-1605:CSSD voting file is online: /dev/mapper/asm-crs3; details in /u01/app/grid/product/11.2.0/grid\_1/log/db1/cssd/ocssd.log.  
2018-05-18 14:38:42.489:   
[cssd(27637)]CRS-1605:CSSD voting file is online: /dev/mapper/asm-crs4; details in /u01/app/grid/product/11.2.0/grid\_1/log/db1/cssd/ocssd.log.  
2018-05-18 14:38:42.496:   
[cssd(27637)]CRS-1605:CSSD voting file is online: /dev/mapper/asm-crs5; details in /u01/app/grid/product/11.2.0/grid\_1/log/db1/cssd/ocssd.log.  
2018-05-18 14:38:42.502:   
[cssd(27637)]CRS-1605:CSSD voting file is online: /dev/mapper/asm-crs2; details in /u01/app/grid/product/11.2.0/grid\_1/log/db1/cssd/ocssd.log.  
2018-05-18 14:38:42.509:   
[cssd(27637)]CRS-1605:CSSD voting file is online: /dev/mapper/asm-crs1; details in /u01/app/grid/product/11.2.0/grid\_1/log/db1/cssd/ocssd.log.  
2018-05-18 14:38:47.017:   
[cssd(27637)]CRS-1601:CSSD Reconfiguration complete. Active nodes are db1 db2 .  
2018-05-18 14:38:48.645:   
[ctssd(13388)]CRS-2403:The Cluster Time Synchronization Service on host db1 is in observer mode.  
2018-05-18 14:38:48.930:   
[ctssd(13388)]CRS-2407:The new Cluster Time Synchronization Service reference node is host db2.  
2018-05-18 14:38:48.930:   
[ctssd(13388)]CRS-2401:The Cluster Time Synchronization Service started on host db1.  
2018-05-18 14:38:50.639:   
[ohasd(24294)]CRS-2767:Resource state recovery not attempted for 'ora.diskmon' as its target state is OFFLINE  
2018-05-18 14:39:02.976:   
[ctssd(13388)]CRS-2409:The clock on host db1 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-05-18 14:39:12.702:   
[crsd(13705)]CRS-1012:The OCR service started on node db1.  
2018-05-18 14:39:12.726:   
[evmd(13417)]CRS-1401:EVMD started on node db1.  
2018-05-18 14:39:15.094:   
[crsd(13705)]CRS-1201:CRSD started on node db1.  
[client(15702)]CRS-10001:18-May-18 14:39 ACFS-9459: ADVM/ACFS is not supported on this OS version: '4.1.12-112.16.4.el6uek.x86\_64'  
[client(15704)]CRS-10001:18-May-18 14:39 ACFS-9201: Not Supported  
2018-05-18 14:49:27.902:   
[/u01/app/grid/product/11.2.0/grid\_1/bin/oraagent.bin(13847)]CRS-5818:Aborted command 'start' for resource 'ora.shitan.db'. Details at (:CRSAGF00113:) {1:57576:2} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/agent/crsd/oraagent\_grid//oraagent\_grid.log.  
2018-05-18 14:54:13.039:   
[client(25552)]CRS-4743:File /u01/app/grid/product/11.2.0/grid\_1/oc4j/j2ee/home/OC4J\_DBWLM\_config/system-jazn-data.xml was updated from OCR(Size: 15925(New), 13378(Old) bytes)  
2018-05-18 14:59:34.912:   
[/u01/app/grid/product/11.2.0/grid\_1/bin/oraagent.bin(13847)]CRS-5818:Aborted command 'clean' for resource 'ora.shitan.db'. Details at (:CRSAGF00113:) {1:57576:2} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/agent/crsd/oraagent\_grid//oraagent\_grid.log.  
2018-05-18 14:59:47.771:   
[ctssd(13388)]CRS-2407:The new Cluster Time Synchronization Service reference node is host db1.  
2018-05-18 14:59:54.332:   
[cssd(27637)]CRS-1625:Node db2, number 2, was shut down  
2018-05-18 14:59:54.340:   
[cssd(27637)]CRS-1601:CSSD Reconfiguration complete. Active nodes are db1 .  
2018-05-18 14:59:54.342:   
[crsd(13705)]CRS-5504:Node down event reported for node 'db2'.  
2018-05-18 14:59:54.343:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'Generic'.  
2018-05-18 14:59:54.343:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.kfptdb'.  
2018-05-18 14:59:54.344:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.shitan'.  
2018-05-18 14:59:54.344:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.urpdb'.  
2018-05-18 14:59:54.344:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.zhfwdb'.  
2018-05-18 15:03:06.862:   
[cssd(27637)]CRS-1601:CSSD Reconfiguration complete. Active nodes are db1 db2 .  
2018-05-18 15:03:43.295:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'Generic'.  
2018-05-18 15:03:43.296:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.zhfwdb'.  
2018-05-18 15:03:43.296:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.urpdb'.  
2018-05-18 15:03:43.297:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.kfptdb'.  
2018-05-18 15:03:43.297:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.shitan'.  
2018-05-18 15:13:50.814:   
[crsd(13705)]CRS-2757:Command 'Start' timed out waiting for response from the resource 'ora.shitan.db'. Details at (:CRSPE00111:) {2:55047:2} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/crsd/crsd.log.  
2018-05-18 15:19:48.901:   
[crsd(13705)]CRS-2765:Resource 'ora.LISTENER.lsnr' has failed on server 'db2'.  
2018-05-18 15:19:48.901:   
[crsd(13705)]CRS-2769:Unable to failover resource 'ora.LISTENER.lsnr'.  
2018-05-18 15:23:57.829:   
[crsd(13705)]CRS-2757:Command 'Clean' timed out waiting for response from the resource 'ora.shitan.db'. Details at (:CRSPE00111:) {2:55047:2} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/crsd/crsd.log.  
2018-05-18 15:24:02.837:   
[crsd(13705)]CRS-2807:Resource 'ora.LISTENER.lsnr' failed to start automatically.  
2018-05-18 15:24:02.837:   
[crsd(13705)]CRS-2807:Resource 'ora.shitan.db' failed to start automatically.  
2018-05-18 15:24:15.012:   
[cssd(27637)]CRS-1625:Node db2, number 2, was shut down  
2018-05-18 15:24:15.020:   
[cssd(27637)]CRS-1601:CSSD Reconfiguration complete. Active nodes are db1 .  
2018-05-18 15:24:15.022:   
[crsd(13705)]CRS-5504:Node down event reported for node 'db2'.  
2018-05-18 15:24:15.022:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'Generic'.  
2018-05-18 15:24:15.023:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.kfptdb'.  
2018-05-18 15:24:15.023:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.shitan'.  
2018-05-18 15:24:15.023:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.urpdb'.  
2018-05-18 15:24:15.023:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.zhfwdb'.  
2018-05-18 15:36:29.632:   
[cssd(27637)]CRS-1601:CSSD Reconfiguration complete. Active nodes are db1 db2 .  
2018-05-18 15:37:05.176:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'Generic'.  
2018-05-18 15:37:05.176:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.zhfwdb'.  
2018-05-18 15:37:05.177:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.urpdb'.  
2018-05-18 15:37:05.177:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.kfptdb'.  
2018-05-18 15:37:05.177:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.shitan'.  
2018-05-18 15:47:12.639:   
[crsd(13705)]CRS-2757:Command 'Start' timed out waiting for response from the resource 'ora.shitan.db'. Details at (:CRSPE00111:) {2:25312:2} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/crsd/crsd.log.  
2018-05-18 15:57:19.651:   
[crsd(13705)]CRS-2757:Command 'Clean' timed out waiting for response from the resource 'ora.shitan.db'. Details at (:CRSPE00111:) {2:25312:2} in /u01/app/grid/product/11.2.0/grid\_1/log/db1/crsd/crsd.log.  
2018-05-18 15:57:24.656:   
[crsd(13705)]CRS-2807:Resource 'ora.shitan.db' failed to start automatically.  
2018-05-18 20:54:21.170:   
[client(30290)]CRS-10051:CVU found following errors with Clusterware setup : PRVG-1201 : OS kernel parameter "aio-max-nr" does not have proper value on node "db1" [Expected = "1048576" ; Current = "35312"; Configured = "35312"].  
PRVF-5415 : Check to see if NTP daemon or service is running failed  
PRVG-1101 : SCAN name "db-scan" failed to resolve  
PRVF-4657 : Name resolution setup check for "db-scan" (IP address: 172.16.9.75) failed  
PRVF-4664 : Found inconsistent name resolution entries for SCAN name "db-scan"  
  
2018-05-23 10:39:35.901:   
[crsd(13705)]CRS-2765:Resource 'ora.net1.network' has failed on server 'db2'.  
2018-05-23 10:39:35.906:   
[crsd(13705)]CRS-2765:Resource 'ora.db2.vip' has failed on server 'db2'.  
2018-05-23 10:39:35.907:   
[crsd(13705)]CRS-2771:Maximum restart attempts reached for resource 'ora.db2.vip'; will not restart.  
2018-06-08 10:49:14.401:   
[crsd(13705)]CRS-2773:Server 'db1' has been removed from pool 'ora.kfptdb'.  
2018-06-08 10:49:14.402:   
[crsd(13705)]CRS-2773:Server 'db2' has been removed from pool 'ora.kfptdb'.  
2018-06-08 11:04:14.501:   
[crsd(13705)]CRS-2772:Server 'db1' has been assigned to pool 'ora.jwdb'.  
2018-06-08 11:04:14.502:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.jwdb'.  
2018-06-08 11:15:38.058:   
[crsd(13705)]CRS-2772:Server 'db1' has been assigned to pool 'ora.ywkdb'.  
2018-06-08 11:15:38.059:   
[crsd(13705)]CRS-2772:Server 'db2' has been assigned to pool 'ora.ywkdb'.

**节点二集群告警日志：**

2018-08-18 11:40:08.341:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 12:10:08.742:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 12:40:09.170:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 13:10:09.544:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 13:40:09.921:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 14:10:10.372:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 14:40:10.917:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 15:10:11.285:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 15:40:11.674:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 16:10:12.024:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 16:40:12.518:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 17:10:12.973:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 17:40:13.320:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 18:10:13.726:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 18:40:14.084:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 19:10:14.454:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 19:40:14.759:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 20:10:15.171:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 20:40:15.521:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 21:10:15.915:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 21:40:16.277:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 22:10:16.552:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 22:40:16.946:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 23:10:17.346:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-18 23:40:17.840:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 00:10:18.241:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 00:40:18.743:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 01:10:19.258:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 01:40:19.757:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 02:10:20.188:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 02:40:20.761:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 03:10:21.202:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 03:40:21.611:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 04:10:22.026:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 04:40:22.413:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 05:10:22.815:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 05:40:23.311:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 06:10:23.780:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 06:40:24.198:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 07:10:24.627:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 07:40:25.021:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 08:10:25.464:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 08:40:25.975:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 09:10:26.381:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 09:40:26.706:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 10:10:27.184:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 10:40:27.476:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 11:10:27.949:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 11:40:28.455:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 12:10:29.043:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 12:40:29.589:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 13:10:30.104:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 13:40:30.546:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 14:10:31.062:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 14:40:31.638:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 15:10:32.146:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 15:40:32.642:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 16:10:33.050:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 16:40:33.452:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 17:10:34.043:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 17:40:34.487:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 18:10:34.929:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 18:40:35.293:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 19:10:35.629:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 19:40:35.954:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 20:10:36.491:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 20:40:36.884:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 21:10:37.268:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 21:40:37.601:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 22:10:37.935:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 22:40:38.300:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 23:10:38.735:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-19 23:40:39.087:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 00:10:39.676:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 00:40:40.157:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 01:10:40.574:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 01:40:40.956:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 02:10:41.385:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 02:40:41.828:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 03:10:42.266:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 03:40:42.686:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 04:10:43.186:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 04:40:43.628:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 05:10:44.104:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 05:40:44.462:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 06:10:44.844:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 06:40:45.223:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 07:10:45.607:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 07:40:46.086:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 08:10:46.412:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 08:40:46.741:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 09:10:47.248:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 09:40:48.049:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 10:10:48.803:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 10:40:49.571:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 11:10:50.358:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 11:40:51.103:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 12:10:51.863:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 12:40:52.611:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.  
2018-08-20 13:10:53.345:   
[ctssd(14623)]CRS-2409:The clock on host db2 is not synchronous with the mean cluster time. No action has been taken as the Cluster Time Synchronization Service is running in observer mode.

结论：■正常 □不正常。

### 2.2.3 集群CRS日志

集群CRS日志包含了集群CRS资源的错误与告警，需要对近期发现的集群资源错误进行检查与分析。本次巡检，对集群两个节点的CRS日志进行分析，发现最近1个月，集群CRS日志无异常记录。

**节点一crs日志：**

2018-08-20 13:02:37.494: [ CRSPE][1910568704]{1:57576:32370} Processing PE command id=360087. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:02:37.495: [ CRSPE][1910568704]{1:57576:32370} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:02:37.497: [UiServer][1908467456]{1:57576:32370} Done for ctx=0x7f3b34014490  
2018-08-20 13:03:37.471: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:03:37.482: [UiServer][1908467456]{1:57576:32371} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:03:37.483: [ CRSPE][1910568704]{1:57576:32371} Processing PE command id=360088. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:03:37.483: [ CRSPE][1910568704]{1:57576:32371} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:03:37.485: [UiServer][1908467456]{1:57576:32371} Done for ctx=0x7f3b34014490  
2018-08-20 13:03:57.759: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:03:57.770: [UiServer][1908467456]{1:57576:32372} Sending message to PE. ctx= 0x7f3b340143f0, Client PID: 26413  
2018-08-20 13:03:57.770: [ CRSPE][1910568704]{1:57576:32372} Processing PE command id=360089. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:03:57.771: [UiServer][1908467456]{1:57576:32372} Done for ctx=0x7f3b340143f0  
2018-08-20 13:04:37.472: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:04:37.483: [UiServer][1908467456]{1:57576:32373} Sending message to PE. ctx= 0x7f3b340109b0, Client PID: 13847  
2018-08-20 13:04:37.483: [ CRSPE][1910568704]{1:57576:32373} Processing PE command id=360090. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:04:37.484: [ CRSPE][1910568704]{1:57576:32373} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:04:37.486: [UiServer][1908467456]{1:57576:32373} Done for ctx=0x7f3b340109b0  
2018-08-20 13:05:37.477: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:05:37.487: [UiServer][1908467456]{1:57576:32374} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:05:37.488: [ CRSPE][1910568704]{1:57576:32374} Processing PE command id=360091. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:05:37.488: [ CRSPE][1910568704]{1:57576:32374} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:05:37.490: [UiServer][1908467456]{1:57576:32374} Done for ctx=0x7f3b34014490  
2018-08-20 13:06:37.483: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:06:37.493: [UiServer][1908467456]{1:57576:32375} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:06:37.494: [ CRSPE][1910568704]{1:57576:32375} Processing PE command id=360092. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:06:37.494: [ CRSPE][1910568704]{1:57576:32375} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:06:37.496: [UiServer][1908467456]{1:57576:32375} Done for ctx=0x7f3b34014490  
2018-08-20 13:07:37.479: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:07:37.489: [UiServer][1908467456]{1:57576:32376} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:07:37.490: [ CRSPE][1910568704]{1:57576:32376} Processing PE command id=360093. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:07:37.490: [ CRSPE][1910568704]{1:57576:32376} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:07:37.493: [UiServer][1908467456]{1:57576:32376} Done for ctx=0x7f3b34014490  
2018-08-20 13:08:37.482: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:08:37.492: [UiServer][1908467456]{1:57576:32377} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:08:37.493: [ CRSPE][1910568704]{1:57576:32377} Processing PE command id=360094. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:08:37.493: [ CRSPE][1910568704]{1:57576:32377} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:08:37.495: [UiServer][1908467456]{1:57576:32377} Done for ctx=0x7f3b34014490  
2018-08-20 13:08:57.758: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:08:57.768: [UiServer][1908467456]{1:57576:32378} Sending message to PE. ctx= 0x7f3b340143f0, Client PID: 26413  
2018-08-20 13:08:57.769: [ CRSPE][1910568704]{1:57576:32378} Processing PE command id=360095. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:08:57.770: [UiServer][1908467456]{1:57576:32378} Done for ctx=0x7f3b340143f0  
2018-08-20 13:09:37.474: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:09:37.484: [UiServer][1908467456]{1:57576:32379} Sending message to PE. ctx= 0x7f3b340109b0, Client PID: 13847  
2018-08-20 13:09:37.485: [ CRSPE][1910568704]{1:57576:32379} Processing PE command id=360096. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:09:37.485: [ CRSPE][1910568704]{1:57576:32379} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:09:37.487: [UiServer][1908467456]{1:57576:32379} Done for ctx=0x7f3b340109b0  
2018-08-20 13:10:37.475: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:10:37.486: [UiServer][1908467456]{1:57576:32380} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:10:37.486: [ CRSPE][1910568704]{1:57576:32380} Processing PE command id=360097. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:10:37.487: [ CRSPE][1910568704]{1:57576:32380} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:10:37.489: [UiServer][1908467456]{1:57576:32380} Done for ctx=0x7f3b34014490  
2018-08-20 13:11:37.477: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:11:37.488: [UiServer][1908467456]{1:57576:32381} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:11:37.488: [ CRSPE][1910568704]{1:57576:32381} Processing PE command id=360098. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:11:37.488: [ CRSPE][1910568704]{1:57576:32381} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:11:37.491: [UiServer][1908467456]{1:57576:32381} Done for ctx=0x7f3b34014490  
2018-08-20 13:12:37.476: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:12:37.487: [UiServer][1908467456]{1:57576:32382} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:12:37.487: [ CRSPE][1910568704]{1:57576:32382} Processing PE command id=360099. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:12:37.488: [ CRSPE][1910568704]{1:57576:32382} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:12:37.490: [UiServer][1908467456]{1:57576:32382} Done for ctx=0x7f3b34014490  
2018-08-20 13:13:37.482: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:13:37.492: [UiServer][1908467456]{1:57576:32383} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:13:37.493: [ CRSPE][1910568704]{1:57576:32383} Processing PE command id=360100. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:13:37.493: [ CRSPE][1910568704]{1:57576:32383} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:13:37.495: [UiServer][1908467456]{1:57576:32383} Done for ctx=0x7f3b34014490  
2018-08-20 13:13:57.767: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:13:57.777: [UiServer][1908467456]{1:57576:32384} Sending message to PE. ctx= 0x7f3b340143f0, Client PID: 26413  
2018-08-20 13:13:57.778: [ CRSPE][1910568704]{1:57576:32384} Processing PE command id=360101. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:13:57.778: [UiServer][1908467456]{1:57576:32384} Done for ctx=0x7f3b340143f0  
2018-08-20 13:14:37.473: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441bfa60)  
2018-08-20 13:14:37.484: [UiServer][1908467456]{1:57576:32385} Sending message to PE. ctx= 0x7f3b340109b0, Client PID: 13847  
2018-08-20 13:14:37.485: [ CRSPE][1910568704]{1:57576:32385} Processing PE command id=360102. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:14:37.485: [ CRSPE][1910568704]{1:57576:32385} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:14:37.488: [UiServer][1908467456]{1:57576:32385} Done for ctx=0x7f3b340109b0  
2018-08-20 13:15:37.473: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:15:37.483: [UiServer][1908467456]{1:57576:32386} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:15:37.484: [ CRSPE][1910568704]{1:57576:32386} Processing PE command id=360103. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:15:37.484: [ CRSPE][1910568704]{1:57576:32386} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:15:37.486: [UiServer][1908467456]{1:57576:32386} Done for ctx=0x7f3b34014490  
2018-08-20 13:16:37.471: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:16:37.482: [UiServer][1908467456]{1:57576:32387} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:16:37.482: [ CRSPE][1910568704]{1:57576:32387} Processing PE command id=360104. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:16:37.482: [ CRSPE][1910568704]{1:57576:32387} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:16:37.484: [UiServer][1908467456]{1:57576:32387} Done for ctx=0x7f3b34014490  
2018-08-20 13:17:37.478: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:17:37.489: [UiServer][1908467456]{1:57576:32388} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:17:37.489: [ CRSPE][1910568704]{1:57576:32388} Processing PE command id=360105. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:17:37.490: [ CRSPE][1910568704]{1:57576:32388} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:17:37.492: [UiServer][1908467456]{1:57576:32388} Done for ctx=0x7f3b34014490  
2018-08-20 13:18:37.473: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:18:37.484: [UiServer][1908467456]{1:57576:32389} Sending message to PE. ctx= 0x7f3b34014490, Client PID: 13847  
2018-08-20 13:18:37.484: [ CRSPE][1910568704]{1:57576:32389} Processing PE command id=360106. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:18:37.485: [ CRSPE][1910568704]{1:57576:32389} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:18:37.487: [UiServer][1908467456]{1:57576:32389} Done for ctx=0x7f3b34014490  
2018-08-20 13:18:57.780: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:18:57.791: [UiServer][1908467456]{1:57576:32390} Sending message to PE. ctx= 0x7f3b34014540, Client PID: 26413  
2018-08-20 13:18:57.791: [ CRSPE][1910568704]{1:57576:32390} Processing PE command id=360107. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:18:57.792: [UiServer][1908467456]{1:57576:32390} Done for ctx=0x7f3b34014540  
2018-08-20 13:19:37.480: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:19:37.490: [UiServer][1908467456]{1:57576:32391} Sending message to PE. ctx= 0x7f3b34010a70, Client PID: 13847  
2018-08-20 13:19:37.491: [ CRSPE][1910568704]{1:57576:32391} Processing PE command id=360108. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:19:37.491: [ CRSPE][1910568704]{1:57576:32391} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:19:37.494: [UiServer][1908467456]{1:57576:32391} Done for ctx=0x7f3b34010a70  
2018-08-20 13:20:37.474: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:20:37.484: [UiServer][1908467456]{1:57576:32392} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:20:37.485: [ CRSPE][1910568704]{1:57576:32392} Processing PE command id=360109. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:20:37.485: [ CRSPE][1910568704]{1:57576:32392} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:20:37.488: [UiServer][1908467456]{1:57576:32392} Done for ctx=0x7f3b340105f0  
2018-08-20 13:21:37.474: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:21:37.484: [UiServer][1908467456]{1:57576:32393} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:21:37.485: [ CRSPE][1910568704]{1:57576:32393} Processing PE command id=360110. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:21:37.485: [ CRSPE][1910568704]{1:57576:32393} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:21:37.488: [UiServer][1908467456]{1:57576:32393} Done for ctx=0x7f3b340105f0  
2018-08-20 13:22:37.470: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:22:37.481: [UiServer][1908467456]{1:57576:32394} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:22:37.481: [ CRSPE][1910568704]{1:57576:32394} Processing PE command id=360111. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:22:37.482: [ CRSPE][1910568704]{1:57576:32394} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:22:37.484: [UiServer][1908467456]{1:57576:32394} Done for ctx=0x7f3b340105f0  
2018-08-20 13:23:37.478: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:23:37.489: [UiServer][1908467456]{1:57576:32395} Sending message to PE. ctx= 0x7f3b34010660, Client PID: 13847  
2018-08-20 13:23:37.490: [ CRSPE][1910568704]{1:57576:32395} Processing PE command id=360112. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:23:37.490: [ CRSPE][1910568704]{1:57576:32395} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:23:37.493: [UiServer][1908467456]{1:57576:32395} Done for ctx=0x7f3b34010660  
2018-08-20 13:23:57.775: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:23:57.786: [UiServer][1908467456]{1:57576:32396} Sending message to PE. ctx= 0x7f3b34014590, Client PID: 26413  
2018-08-20 13:23:57.787: [ CRSPE][1910568704]{1:57576:32396} Processing PE command id=360113. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:23:57.787: [UiServer][1908467456]{1:57576:32396} Done for ctx=0x7f3b34014590  
2018-08-20 13:24:37.474: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:24:37.484: [UiServer][1908467456]{1:57576:32397} Sending message to PE. ctx= 0x7f3b34010ac0, Client PID: 13847  
2018-08-20 13:24:37.485: [ CRSPE][1910568704]{1:57576:32397} Processing PE command id=360114. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:24:37.485: [ CRSPE][1910568704]{1:57576:32397} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:24:37.488: [UiServer][1908467456]{1:57576:32397} Done for ctx=0x7f3b34010ac0  
2018-08-20 13:25:37.467: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:25:37.478: [UiServer][1908467456]{1:57576:32398} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:25:37.478: [ CRSPE][1910568704]{1:57576:32398} Processing PE command id=360115. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:25:37.478: [ CRSPE][1910568704]{1:57576:32398} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:25:37.480: [UiServer][1908467456]{1:57576:32398} Done for ctx=0x7f3b340105f0  
2018-08-20 13:26:37.470: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:26:37.481: [UiServer][1908467456]{1:57576:32399} Sending message to PE. ctx= 0x7f3b34010580, Client PID: 13847  
2018-08-20 13:26:37.482: [ CRSPE][1910568704]{1:57576:32399} Processing PE command id=360116. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:26:37.482: [ CRSPE][1910568704]{1:57576:32399} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:26:37.484: [UiServer][1908467456]{1:57576:32399} Done for ctx=0x7f3b34010580  
2018-08-20 13:27:37.474: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:27:37.485: [UiServer][1908467456]{1:57576:32400} Sending message to PE. ctx= 0x7f3b34010580, Client PID: 13847  
2018-08-20 13:27:37.486: [ CRSPE][1910568704]{1:57576:32400} Processing PE command id=360117. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:27:37.486: [ CRSPE][1910568704]{1:57576:32400} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:27:37.488: [UiServer][1908467456]{1:57576:32400} Done for ctx=0x7f3b34010580  
2018-08-20 13:28:37.467: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:28:37.478: [UiServer][1908467456]{1:57576:32401} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:28:37.479: [ CRSPE][1910568704]{1:57576:32401} Processing PE command id=360118. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:28:37.479: [ CRSPE][1910568704]{1:57576:32401} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:28:37.481: [UiServer][1908467456]{1:57576:32401} Done for ctx=0x7f3b340105f0  
2018-08-20 13:28:57.767: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:28:57.778: [UiServer][1908467456]{1:57576:32402} Sending message to PE. ctx= 0x7f3b34014540, Client PID: 26413  
2018-08-20 13:28:57.778: [ CRSPE][1910568704]{1:57576:32402} Processing PE command id=360119. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:28:57.779: [UiServer][1908467456]{1:57576:32402} Done for ctx=0x7f3b34014540  
2018-08-20 13:29:37.477: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:29:37.488: [UiServer][1908467456]{1:57576:32403} Sending message to PE. ctx= 0x7f3b34010a70, Client PID: 13847  
2018-08-20 13:29:37.489: [ CRSPE][1910568704]{1:57576:32403} Processing PE command id=360120. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:29:37.489: [ CRSPE][1910568704]{1:57576:32403} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:29:37.491: [UiServer][1908467456]{1:57576:32403} Done for ctx=0x7f3b34010a70  
2018-08-20 13:30:37.488: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:30:37.498: [UiServer][1908467456]{1:57576:32404} Sending message to PE. ctx= 0x7f3b340109a0, Client PID: 13847  
2018-08-20 13:30:37.499: [ CRSPE][1910568704]{1:57576:32404} Processing PE command id=360121. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:30:37.499: [ CRSPE][1910568704]{1:57576:32404} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:30:37.502: [UiServer][1908467456]{1:57576:32404} Done for ctx=0x7f3b340109a0  
2018-08-20 13:31:37.493: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:31:37.504: [UiServer][1908467456]{1:57576:32405} Sending message to PE. ctx= 0x7f3b34013350, Client PID: 13847  
2018-08-20 13:31:37.504: [ CRSPE][1910568704]{1:57576:32405} Processing PE command id=360122. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:31:37.505: [ CRSPE][1910568704]{1:57576:32405} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:31:37.507: [UiServer][1908467456]{1:57576:32405} Done for ctx=0x7f3b34013350  
2018-08-20 13:32:37.489: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:32:37.499: [UiServer][1908467456]{1:57576:32406} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:32:37.500: [ CRSPE][1910568704]{1:57576:32406} Processing PE command id=360123. Description: [Stat Resource : 0x7f3b38104500]  
2018-08-20 13:32:37.500: [ CRSPE][1910568704]{1:57576:32406} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:32:37.503: [UiServer][1908467456]{1:57576:32406} Done for ctx=0x7f3b340105f0  
2018-08-20 13:33:37.494: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:33:37.505: [UiServer][1908467456]{1:57576:32407} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:33:37.506: [ CRSPE][1910568704]{1:57576:32407} Processing PE command id=360124. Description: [Stat Resource : 0x7f3b3811eb00]  
2018-08-20 13:33:37.506: [ CRSPE][1910568704]{1:57576:32407} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:33:37.508: [UiServer][1908467456]{1:57576:32407} Done for ctx=0x7f3b340105f0  
2018-08-20 13:33:57.790: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:33:57.801: [UiServer][1908467456]{1:57576:32408} Sending message to PE. ctx= 0x7f3b34014590, Client PID: 26413  
2018-08-20 13:33:57.801: [ CRSPE][1910568704]{1:57576:32408} Processing PE command id=360125. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:33:57.802: [UiServer][1908467456]{1:57576:32408} Done for ctx=0x7f3b34014590  
2018-08-20 13:34:37.490: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441b4b90)  
2018-08-20 13:34:37.501: [UiServer][1908467456]{1:57576:32409} Sending message to PE. ctx= 0x7f3b34010ac0, Client PID: 13847  
2018-08-20 13:34:37.502: [ CRSPE][1910568704]{1:57576:32409} Processing PE command id=360126. Description: [Stat Resource : 0x7f3b38137810]  
2018-08-20 13:34:37.502: [ CRSPE][1910568704]{1:57576:32409} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:34:37.505: [UiServer][1908467456]{1:57576:32409} Done for ctx=0x7f3b34010ac0  
2018-08-20 13:35:37.486: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( grid,0x7f3b441bfa60)  
2018-08-20 13:35:37.496: [UiServer][1908467456]{1:57576:32410} Sending message to PE. ctx= 0x7f3b340105f0, Client PID: 13847  
2018-08-20 13:35:37.497: [ CRSPE][1910568704]{1:57576:32410} Processing PE command id=360127. Description: [Stat Resource : 0x7f3b38042c50]  
2018-08-20 13:35:37.497: [ CRSPE][1910568704]{1:57576:32410} Expression Filter : ((NAME == ora.scan1.vip) AND (LAST\_SERVER == db1))  
2018-08-20 13:35:37.500: [UiServer][1908467456]{1:57576:32410} Done for ctx=0x7f3b340105f0  
2018-08-20 13:36:06.443: [UiServer][1906366208] CS(0x7f3b40000940)set Properties ( root,0x7f3b441b4b90)  
2018-08-20 13:36:06.453: [UiServer][1908467456]{1:57576:32411} Sending message to PE. ctx= 0x7f3b34014530, Client PID: 2808  
2018-08-20 13:36:06.454: [ CRSPE][1910568704]{1:57576:32411} Processing PE command id=360128. Description: [Stat Resource : 0x7f3b38115e60]  
2018-08-20 13:36:06.471: [UiServer][1908467456]{1:57576:32411} Done for ctx=0x7f3b34014530

**节点二crs日志：**

2018-08-20 09:54:15.236: [UiServer][1025926912]{2:25312:52441} Sending message to PE. ctx= 0x7fe40000fed0, Client PID: 23660  
2018-08-20 09:54:15.240: [UiServer][1025926912]{2:25312:52441} Done for ctx=0x7fe40000fed0  
2018-08-20 09:54:15.247: [UiServer][1023825664] CS(0x7fe3fc00d730)set Properties ( root,0x7fe4100dae80)  
2018-08-20 09:54:15.258: [UiServer][1025926912]{2:25312:52442} Sending message to PE. ctx= 0x7fe4000101d0, Client PID: 23660  
2018-08-20 09:54:15.262: [UiServer][1025926912]{2:25312:52442} Done for ctx=0x7fe4000101d0  
2018-08-20 09:54:15.269: [UiServer][1023825664] CS(0x7fe3fc00d5d0)set Properties ( root,0x7fe4100e5530)  
2018-08-20 09:54:15.280: [UiServer][1025926912]{2:25312:52443} Sending message to PE. ctx= 0x7fe400011680, Client PID: 23660  
2018-08-20 09:54:15.285: [UiServer][1025926912]{2:25312:52443} Done for ctx=0x7fe400011680  
2018-08-20 09:54:15.291: [UiServer][1023825664] CS(0x7fe3fc00a4b0)set Properties ( root,0x7fe4100e77f0)  
2018-08-20 09:54:15.302: [UiServer][1025926912]{2:25312:52444} Sending message to PE. ctx= 0x7fe40000fdc0, Client PID: 23660  
2018-08-20 09:54:15.307: [UiServer][1025926912]{2:25312:52444} Done for ctx=0x7fe40000fdc0  
2018-08-20 09:54:15.314: [UiServer][1023825664] CS(0x7fe3fc00ce80)set Properties ( root,0x7fe4100e5530)  
2018-08-20 09:54:15.325: [UiServer][1025926912]{2:25312:52445} Sending message to PE. ctx= 0x7fe400010120, Client PID: 23660  
2018-08-20 09:54:15.329: [UiServer][1025926912]{2:25312:52445} Done for ctx=0x7fe400010120  
2018-08-20 09:54:15.336: [UiServer][1023825664] CS(0x7fe3fc00cd30)set Properties ( root,0x7fe4100dae80)  
2018-08-20 09:54:15.347: [UiServer][1025926912]{2:25312:52446} Sending message to PE. ctx= 0x7fe400010530, Client PID: 23660  
2018-08-20 09:54:15.351: [UiServer][1025926912]{2:25312:52446} Done for ctx=0x7fe400010530  
2018-08-20 09:54:15.358: [UiServer][1023825664] CS(0x7fe3fc00cbd0)set Properties ( root,0x7fe4100e5530)  
2018-08-20 09:54:15.369: [UiServer][1025926912]{2:25312:52447} Sending message to PE. ctx= 0x7fe400010120, Client PID: 23660  
2018-08-20 09:54:15.373: [UiServer][1025926912]{2:25312:52447} Done for ctx=0x7fe400010120  
2018-08-20 09:54:16.295: [UiServer][1023825664] CS(0x7fe3fc00ca80)set Properties ( root,0x7fe4100e7e30)  
2018-08-20 09:54:16.306: [UiServer][1025926912]{2:25312:52448} Sending message to PE. ctx= 0x7fe400010300, Client PID: 23736  
2018-08-20 09:54:16.312: [UiServer][1025926912]{2:25312:52448} Done for ctx=0x7fe400010300  
2018-08-20 09:54:16.328: [UiServer][1023825664] CS(0x7fe3fc00c930)set Properties ( root,0x7fe4100e4c00)  
2018-08-20 09:54:16.338: [UiServer][1025926912]{2:25312:52449} Sending message to PE. ctx= 0x7fe40000fd80, Client PID: 23736  
2018-08-20 09:54:16.343: [UiServer][1025926912]{2:25312:52449} Done for ctx=0x7fe40000fd80  
2018-08-20 09:54:16.350: [UiServer][1023825664] CS(0x7fe3fc00c7d0)set Properties ( root,0x7fe4100daf60)  
2018-08-20 09:54:16.360: [UiServer][1025926912]{2:25312:52450} Sending message to PE. ctx= 0x7fe4000086f0, Client PID: 23736  
2018-08-20 09:54:16.364: [UiServer][1025926912]{2:25312:52450} Done for ctx=0x7fe4000086f0  
2018-08-20 09:54:16.372: [UiServer][1023825664] CS(0x7fe3fc00c680)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:16.383: [UiServer][1025926912]{2:25312:52451} Sending message to PE. ctx= 0x7fe400007a50, Client PID: 23736  
2018-08-20 09:54:16.387: [UiServer][1025926912]{2:25312:52451} Done for ctx=0x7fe400007a50  
2018-08-20 09:54:16.394: [UiServer][1023825664] CS(0x7fe3fc00c520)set Properties ( root,0x7fe4100e5440)  
2018-08-20 09:54:16.405: [UiServer][1025926912]{2:25312:52452} Sending message to PE. ctx= 0x7fe400010e90, Client PID: 23736  
2018-08-20 09:54:16.409: [UiServer][1025926912]{2:25312:52452} Done for ctx=0x7fe400010e90  
2018-08-20 09:54:16.416: [UiServer][1023825664] CS(0x7fe3fc00c3c0)set Properties ( root,0x7fe4100e5530)  
2018-08-20 09:54:16.427: [UiServer][1025926912]{2:25312:52453} Sending message to PE. ctx= 0x7fe400010530, Client PID: 23736  
2018-08-20 09:54:16.431: [UiServer][1025926912]{2:25312:52453} Done for ctx=0x7fe400010530  
2018-08-20 09:54:16.438: [UiServer][1023825664] CS(0x7fe3fc00c260)set Properties ( root,0x7fe4100e4360)  
2018-08-20 09:54:16.449: [UiServer][1025926912]{2:25312:52454} Sending message to PE. ctx= 0x7fe400010c60, Client PID: 23736  
2018-08-20 09:54:16.453: [UiServer][1025926912]{2:25312:52454} Done for ctx=0x7fe400010c60  
2018-08-20 09:54:16.460: [UiServer][1023825664] CS(0x7fe3fc00c110)set Properties ( root,0x7fe4100e8910)  
2018-08-20 09:54:16.471: [UiServer][1025926912]{2:25312:52455} Sending message to PE. ctx= 0x7fe4000102e0, Client PID: 23736  
2018-08-20 09:54:16.475: [UiServer][1025926912]{2:25312:52455} Done for ctx=0x7fe4000102e0  
2018-08-20 09:54:16.493: [UiServer][1023825664] CS(0x7fe3fc00b9f0)set Properties ( root,0x7fe4100e4360)  
2018-08-20 09:54:16.503: [UiServer][1025926912]{2:25312:52456} Sending message to PE. ctx= 0x7fe4000086f0, Client PID: 23736  
2018-08-20 09:54:16.507: [UiServer][1025926912]{2:25312:52456} Done for ctx=0x7fe4000086f0  
2018-08-20 09:54:16.514: [UiServer][1023825664] CS(0x7fe3fc00b890)set Properties ( root,0x7fe4100daf60)  
2018-08-20 09:54:16.525: [UiServer][1025926912]{2:25312:52457} Sending message to PE. ctx= 0x7fe40000fea0, Client PID: 23736  
2018-08-20 09:54:16.530: [UiServer][1025926912]{2:25312:52457} Done for ctx=0x7fe40000fea0  
2018-08-20 09:54:16.537: [UiServer][1023825664] CS(0x7fe3fc00b730)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:16.548: [UiServer][1025926912]{2:25312:52458} Sending message to PE. ctx= 0x7fe4000086f0, Client PID: 23736  
2018-08-20 09:54:16.552: [UiServer][1025926912]{2:25312:52458} Done for ctx=0x7fe4000086f0  
2018-08-20 09:54:16.559: [UiServer][1023825664] CS(0x7fe3fc00b5e0)set Properties ( root,0x7fe4100e3c70)  
2018-08-20 09:54:16.570: [UiServer][1025926912]{2:25312:52459} Sending message to PE. ctx= 0x7fe400010dc0, Client PID: 23736  
2018-08-20 09:54:16.574: [UiServer][1025926912]{2:25312:52459} Done for ctx=0x7fe400010dc0  
2018-08-20 09:54:16.581: [UiServer][1023825664] CS(0x7fe3fc00b490)set Properties ( root,0x7fe4100e5600)  
2018-08-20 09:54:16.592: [UiServer][1025926912]{2:25312:52460} Sending message to PE. ctx= 0x7fe40000fea0, Client PID: 23736  
2018-08-20 09:54:16.596: [UiServer][1025926912]{2:25312:52460} Done for ctx=0x7fe40000fea0  
2018-08-20 09:54:16.603: [UiServer][1023825664] CS(0x7fe3fc00b340)set Properties ( root,0x7fe4100da730)  
2018-08-20 09:54:16.614: [UiServer][1025926912]{2:25312:52461} Sending message to PE. ctx= 0x7fe400007b20, Client PID: 23736  
2018-08-20 09:54:16.620: [UiServer][1025926912]{2:25312:52461} Done for ctx=0x7fe400007b20  
2018-08-20 09:54:16.626: [UiServer][1023825664] CS(0x7fe3fc00b1f0)set Properties ( root,0x7fe4100da600)  
2018-08-20 09:54:16.637: [UiServer][1025926912]{2:25312:52462} Sending message to PE. ctx= 0x7fe400008760, Client PID: 23736  
2018-08-20 09:54:16.642: [UiServer][1025926912]{2:25312:52462} Done for ctx=0x7fe400008760  
2018-08-20 09:54:16.699: [UiServer][1023825664] CS(0x7fe3fc00b090)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:16.710: [UiServer][1025926912]{2:25312:52463} Sending message to PE. ctx= 0x7fe4000106d0, Client PID: 23736  
2018-08-20 09:54:16.715: [UiServer][1025926912]{2:25312:52463} Done for ctx=0x7fe4000106d0  
2018-08-20 09:54:16.721: [UiServer][1023825664] CS(0x7fe3fc00af30)set Properties ( root,0x7fe4100dae70)  
2018-08-20 09:54:16.732: [UiServer][1025926912]{2:25312:52464} Sending message to PE. ctx= 0x7fe400010d00, Client PID: 23736  
2018-08-20 09:54:16.737: [UiServer][1025926912]{2:25312:52464} Done for ctx=0x7fe400010d00  
2018-08-20 09:54:16.744: [UiServer][1023825664] CS(0x7fe3fc00add0)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:16.755: [UiServer][1025926912]{2:25312:52465} Sending message to PE. ctx= 0x7fe40000fea0, Client PID: 23736  
2018-08-20 09:54:16.759: [UiServer][1025926912]{2:25312:52465} Done for ctx=0x7fe40000fea0  
2018-08-20 09:54:16.777: [UiServer][1023825664] CS(0x7fe3fc00ac70)set Properties ( root,0x7fe4100e4c00)  
2018-08-20 09:54:16.787: [UiServer][1025926912]{2:25312:52466} Sending message to PE. ctx= 0x7fe40000fd50, Client PID: 23736  
2018-08-20 09:54:16.793: [UiServer][1025926912]{2:25312:52466} Done for ctx=0x7fe40000fd50  
2018-08-20 09:54:16.799: [UiServer][1023825664] CS(0x7fe3fc00ab10)set Properties ( root,0x7fe4100daf40)  
2018-08-20 09:54:16.809: [UiServer][1025926912]{2:25312:52467} Sending message to PE. ctx= 0x7fe40000fb70, Client PID: 23736  
2018-08-20 09:54:16.814: [UiServer][1025926912]{2:25312:52467} Done for ctx=0x7fe40000fb70  
2018-08-20 09:54:16.821: [UiServer][1023825664] CS(0x7fe3fc00a9c0)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:16.832: [UiServer][1025926912]{2:25312:52468} Sending message to PE. ctx= 0x7fe400010f10, Client PID: 23736  
2018-08-20 09:54:16.836: [UiServer][1025926912]{2:25312:52468} Done for ctx=0x7fe400010f10  
2018-08-20 09:54:16.843: [UiServer][1023825664] CS(0x7fe3fc00a870)set Properties ( root,0x7fe4100e3ad0)  
2018-08-20 09:54:16.854: [UiServer][1025926912]{2:25312:52469} Sending message to PE. ctx= 0x7fe400007b10, Client PID: 23736  
2018-08-20 09:54:16.858: [UiServer][1025926912]{2:25312:52469} Done for ctx=0x7fe400007b10  
2018-08-20 09:54:16.865: [UiServer][1023825664] CS(0x7fe3fc00a710)set Properties ( root,0x7fe4100ea000)  
2018-08-20 09:54:16.877: [UiServer][1025926912]{2:25312:52470} Sending message to PE. ctx= 0x7fe400007a50, Client PID: 23736  
2018-08-20 09:54:16.881: [UiServer][1025926912]{2:25312:52470} Done for ctx=0x7fe400007a50  
2018-08-20 09:54:16.888: [UiServer][1023825664] CS(0x7fe3fc00a350)set Properties ( root,0x7fe4100e3ad0)  
2018-08-20 09:54:16.899: [UiServer][1025926912]{2:25312:52471} Sending message to PE. ctx= 0x7fe40000fb70, Client PID: 23736  
2018-08-20 09:54:16.903: [UiServer][1025926912]{2:25312:52471} Done for ctx=0x7fe40000fb70  
2018-08-20 09:54:16.910: [UiServer][1023825664] CS(0x7fe3fc00a200)set Properties ( root,0x7fe4100e4500)  
2018-08-20 09:54:16.921: [UiServer][1025926912]{2:25312:52472} Sending message to PE. ctx= 0x7fe40000fc10, Client PID: 23736  
2018-08-20 09:54:16.925: [UiServer][1025926912]{2:25312:52472} Done for ctx=0x7fe40000fc10  
2018-08-20 09:54:16.932: [UiServer][1023825664] CS(0x7fe3fc00a0b0)set Properties ( root,0x7fe4100e77f0)  
2018-08-20 09:54:16.943: [UiServer][1025926912]{2:25312:52473} Sending message to PE. ctx= 0x7fe400010c90, Client PID: 23736  
2018-08-20 09:54:16.947: [UiServer][1025926912]{2:25312:52473} Done for ctx=0x7fe400010c90  
2018-08-20 09:54:16.954: [UiServer][1023825664] CS(0x7fe3fc009f60)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:16.966: [UiServer][1025926912]{2:25312:52474} Sending message to PE. ctx= 0x7fe400007b10, Client PID: 23736  
2018-08-20 09:54:16.970: [UiServer][1025926912]{2:25312:52474} Done for ctx=0x7fe400007b10  
2018-08-20 09:54:16.977: [UiServer][1023825664] CS(0x7fe3fc009e00)set Properties ( root,0x7fe4100e4360)  
2018-08-20 09:54:16.988: [UiServer][1025926912]{2:25312:52475} Sending message to PE. ctx= 0x7fe400010e60, Client PID: 23736  
2018-08-20 09:54:16.993: [UiServer][1025926912]{2:25312:52475} Done for ctx=0x7fe400010e60  
2018-08-20 09:54:16.999: [UiServer][1023825664] CS(0x7fe3fc009cb0)set Properties ( root,0x7fe4100da5f0)  
2018-08-20 09:54:17.011: [UiServer][1025926912]{2:25312:52476} Sending message to PE. ctx= 0x7fe400007b50, Client PID: 23736  
2018-08-20 09:54:17.015: [UiServer][1025926912]{2:25312:52476} Done for ctx=0x7fe400007b50  
2018-08-20 09:54:17.022: [UiServer][1023825664] CS(0x7fe3fc009b50)set Properties ( root,0x7fe4100e4360)  
2018-08-20 09:54:17.033: [UiServer][1025926912]{2:25312:52477} Sending message to PE. ctx= 0x7fe4000106e0, Client PID: 23736  
2018-08-20 09:54:17.037: [UiServer][1025926912]{2:25312:52477} Done for ctx=0x7fe4000106e0  
2018-08-20 09:54:17.055: [UiServer][1023825664] CS(0x7fe3fc009a00)set Properties ( root,0x7fe4100e4c00)  
2018-08-20 09:54:17.066: [UiServer][1025926912]{2:25312:52478} Sending message to PE. ctx= 0x7fe400007a90, Client PID: 23736  
2018-08-20 09:54:17.070: [UiServer][1025926912]{2:25312:52478} Done for ctx=0x7fe400007a90  
2018-08-20 09:54:17.077: [UiServer][1023825664] CS(0x7fe3fc0098b0)set Properties ( root,0x7fe4100dae80)  
2018-08-20 09:54:17.088: [UiServer][1025926912]{2:25312:52479} Sending message to PE. ctx= 0x7fe400010e60, Client PID: 23736  
2018-08-20 09:54:17.093: [UiServer][1025926912]{2:25312:52479} Done for ctx=0x7fe400010e60  
2018-08-20 09:54:17.099: [UiServer][1023825664] CS(0x7fe3fc009760)set Properties ( root,0x7fe4100dac30)  
2018-08-20 09:54:17.110: [UiServer][1025926912]{2:25312:52480} Sending message to PE. ctx= 0x7fe4000105f0, Client PID: 23736  
2018-08-20 09:54:17.115: [UiServer][1025926912]{2:25312:52480} Done for ctx=0x7fe4000105f0  
2018-08-20 09:54:17.132: [UiServer][1023825664] CS(0x7fe3fc009610)set Properties ( root,0x7fe4100e53c0)  
2018-08-20 09:54:17.143: [UiServer][1025926912]{2:25312:52481} Sending message to PE. ctx= 0x7fe40000fdc0, Client PID: 23736  
2018-08-20 09:54:17.147: [UiServer][1025926912]{2:25312:52481} Done for ctx=0x7fe40000fdc0  
2018-08-20 09:54:17.165: [UiServer][1023825664] CS(0x7fe3fc0094c0)set Properties ( root,0x7fe4100e4a60)  
2018-08-20 09:54:17.175: [UiServer][1025926912]{2:25312:52482} Sending message to PE. ctx= 0x7fe40000fb70, Client PID: 23736  
2018-08-20 09:54:17.180: [UiServer][1025926912]{2:25312:52482} Done for ctx=0x7fe40000fb70  
2018-08-20 09:54:17.684: [UiServer][1023825664] CS(0x7fe3fc009370)set Properties ( root,0x7fe4100e48d0)  
2018-08-20 09:54:17.695: [UiServer][1025926912]{2:25312:52483} Sending message to PE. ctx= 0x7fe400010f10, Client PID: 23799  
2018-08-20 09:54:17.701: [UiServer][1025926912]{2:25312:52483} Done for ctx=0x7fe400010f10  
2018-08-20 09:54:17.718: [UiServer][1023825664] CS(0x7fe3fc009220)set Properties ( root,0x7fe4100e48d0)  
2018-08-20 09:54:17.728: [UiServer][1025926912]{2:25312:52484} Sending message to PE. ctx= 0x7fe400010bb0, Client PID: 23799  
2018-08-20 09:54:17.733: [UiServer][1025926912]{2:25312:52484} Done for ctx=0x7fe400010bb0  
2018-08-20 09:54:17.740: [UiServer][1023825664] CS(0x7fe3fc0090d0)set Properties ( root,0x7fe4100dae80)  
2018-08-20 09:54:17.750: [UiServer][1025926912]{2:25312:52485} Sending message to PE. ctx= 0x7fe400010530, Client PID: 23799  
2018-08-20 09:54:17.755: [UiServer][1025926912]{2:25312:52485} Done for ctx=0x7fe400010530  
2018-08-20 09:54:17.762: [UiServer][1023825664] CS(0x7fe3fc008da0)set Properties ( root,0x7fe4100daaa0)  
2018-08-20 09:54:17.772: [UiServer][1025926912]{2:25312:52486} Sending message to PE. ctx= 0x7fe400010a40, Client PID: 23799  
2018-08-20 09:54:17.776: [UiServer][1025926912]{2:25312:52486} Done for ctx=0x7fe400010a40  
2018-08-20 09:54:17.783: [UiServer][1023825664] CS(0x7fe3fc008aa0)set Properties ( root,0x7fe4100e7ef0)  
2018-08-20 09:54:17.794: [UiServer][1025926912]{2:25312:52487} Sending message to PE. ctx= 0x7fe4000087a0, Client PID: 23799  
2018-08-20 09:54:17.798: [UiServer][1025926912]{2:25312:52487} Done for ctx=0x7fe4000087a0  
2018-08-20 09:54:17.805: [UiServer][1023825664] CS(0x7fe3fc008950)set Properties ( root,0x7fe4100e3570)  
2018-08-20 09:54:17.816: [UiServer][1025926912]{2:25312:52488} Sending message to PE. ctx= 0x7fe400008690, Client PID: 23799  
2018-08-20 09:54:17.820: [UiServer][1025926912]{2:25312:52488} Done for ctx=0x7fe400008690  
2018-08-20 09:54:17.838: [UiServer][1023825664] CS(0x7fe3fc008800)set Properties ( root,0x7fe4100ea060)  
2018-08-20 09:54:17.849: [UiServer][1025926912]{2:25312:52489} Sending message to PE. ctx= 0x7fe400007a50, Client PID: 23799  
2018-08-20 09:54:17.853: [UiServer][1025926912]{2:25312:52489} Done for ctx=0x7fe400007a50  
2018-08-20 09:54:17.870: [UiServer][1023825664] CS(0x7fe3fc0086b0)set Properties ( root,0x7fe4100e48d0)  
2018-08-20 09:54:17.881: [UiServer][1025926912]{2:25312:52490} Sending message to PE. ctx= 0x7fe400010ca0, Client PID: 23799  
2018-08-20 09:54:17.885: [UiServer][1025926912]{2:25312:52490} Done for ctx=0x7fe400010ca0  
2018-08-20 09:54:17.903: [UiServer][1023825664] CS(0x7fe3fc008210)set Properties ( root,0x7fe4100daf60)  
2018-08-20 09:54:17.913: [UiServer][1025926912]{2:25312:52491} Sending message to PE. ctx= 0x7fe400010ab0, Client PID: 23799  
2018-08-20 09:54:17.918: [UiServer][1025926912]{2:25312:52491} Done for ctx=0x7fe400010ab0  
2018-08-20 09:54:17.925: [UiServer][1023825664] CS(0x7fe3fc0080c0)set Properties ( root,0x7fe4100dab70)  
2018-08-20 09:54:17.935: [UiServer][1025926912]{2:25312:52492} Sending message to PE. ctx= 0x7fe400008690, Client PID: 23799  
2018-08-20 09:54:17.942: [UiServer][1025926912]{2:25312:52492} Done for ctx=0x7fe400008690  
2018-08-20 09:54:17.957: [UiServer][1023825664] CS(0x7fe3fc007f70)set Properties ( root,0x7fe4100dab70)  
2018-08-20 09:54:17.968: [UiServer][1025926912]{2:25312:52493} Sending message to PE. ctx= 0x7fe400011340, Client PID: 23799  
2018-08-20 09:54:17.973: [UiServer][1025926912]{2:25312:52493} Done for ctx=0x7fe400011340  
2018-08-20 09:54:17.979: [UiServer][1023825664] CS(0x7fe3fc007e10)set Properties ( root,0x7fe4100e4050)  
2018-08-20 09:54:17.990: [UiServer][1025926912]{2:25312:52494} Sending message to PE. ctx= 0x7fe400011170, Client PID: 23799  
2018-08-20 09:54:17.996: [UiServer][1025926912]{2:25312:52494} Done for ctx=0x7fe400011170  
2018-08-20 09:54:18.012: [UiServer][1023825664] CS(0x7fe3fc02c4c0)set Properties ( root,0x7fe4100e3640)  
2018-08-20 09:54:18.023: [UiServer][1025926912]{2:25312:52495} Sending message to PE. ctx= 0x7fe400010ab0, Client PID: 23799  
2018-08-20 09:54:18.028: [UiServer][1025926912]{2:25312:52495} Done for ctx=0x7fe400010ab0  
2018-08-20 09:54:18.034: [UiServer][1023825664] CS(0x7fe3fc02d630)set Properties ( root,0x7fe4100e54f0)  
2018-08-20 09:54:18.045: [UiServer][1025926912]{2:25312:52496} Sending message to PE. ctx= 0x7fe4000105a0, Client PID: 23799  
2018-08-20 09:54:18.049: [UiServer][1025926912]{2:25312:52496} Done for ctx=0x7fe4000105a0  
2018-08-20 09:54:18.056: [UiServer][1023825664] CS(0x7fe3fc097030)set Properties ( root,0x7fe4100daab0)  
2018-08-20 09:54:18.067: [UiServer][1025926912]{2:25312:52497} Sending message to PE. ctx= 0x7fe400010530, Client PID: 23799  
2018-08-20 09:54:18.071: [UiServer][1025926912]{2:25312:52497} Done for ctx=0x7fe400010530  
2018-08-20 09:54:18.079: [UiServer][1023825664] CS(0x7fe3fc096d70)set Properties ( root,0x7fe4100e54f0)  
2018-08-20 09:54:18.090: [UiServer][1025926912]{2:25312:52498} Sending message to PE. ctx= 0x7fe40000fca0, Client PID: 23799  
2018-08-20 09:54:18.095: [UiServer][1025926912]{2:25312:52498} Done for ctx=0x7fe40000fca0  
2018-08-20 09:54:18.101: [UiServer][1023825664] CS(0x7fe3fc096ed0)set Properties ( root,0x7fe4100daab0)  
2018-08-20 09:54:18.112: [UiServer][1025926912]{2:25312:52499} Sending message to PE. ctx= 0x7fe4000113e0, Client PID: 23799  
2018-08-20 09:54:18.116: [UiServer][1025926912]{2:25312:52499} Done for ctx=0x7fe4000113e0  
2018-08-20 09:54:18.123: [UiServer][1023825664] CS(0x7fe3fc096c20)set Properties ( root,0x7fe4100e54f0)  
2018-08-20 09:54:18.134: [UiServer][1025926912]{2:25312:52500} Sending message to PE. ctx= 0x7fe4000106f0, Client PID: 23799  
2018-08-20 09:54:18.139: [UiServer][1025926912]{2:25312:52500} Done for ctx=0x7fe4000106f0  
2018-08-20 09:54:18.145: [UiServer][1023825664] CS(0x7fe3fc096ad0)set Properties ( root,0x7fe4100daab0)  
2018-08-20 09:54:18.156: [UiServer][1025926912]{2:25312:52501} Sending message to PE. ctx= 0x7fe400008690, Client PID: 23799  
2018-08-20 09:54:18.161: [UiServer][1025926912]{2:25312:52501} Done for ctx=0x7fe400008690  
2018-08-20 09:54:18.168: [UiServer][1023825664] CS(0x7fe3fc096970)set Properties ( root,0x7fe4100e54f0)  
2018-08-20 09:54:18.179: [UiServer][1025926912]{2:25312:52502} Sending message to PE. ctx= 0x7fe400010eb0, Client PID: 23799  
2018-08-20 09:54:18.183: [UiServer][1025926912]{2:25312:52502} Done for ctx=0x7fe400010eb0  
2018-08-20 09:54:18.190: [UiServer][1023825664] CS(0x7fe3fc096550)set Properties ( root,0x7fe4100daab0)  
2018-08-20 09:54:18.201: [UiServer][1025926912]{2:25312:52503} Sending message to PE. ctx= 0x7fe4000115b0, Client PID: 23799  
2018-08-20 09:54:18.207: [UiServer][1025926912]{2:25312:52503} Done for ctx=0x7fe4000115b0  
2018-08-20 09:54:18.223: [UiServer][1023825664] CS(0x7fe3fc096400)set Properties ( root,0x7fe4100e54f0)  
2018-08-20 09:54:18.233: [UiServer][1025926912]{2:25312:52504} Sending message to PE. ctx= 0x7fe400008710, Client PID: 23799  
2018-08-20 09:54:18.238: [UiServer][1025926912]{2:25312:52504} Done for ctx=0x7fe400008710  
2018-08-20 09:54:18.245: [UiServer][1023825664] CS(0x7fe3fc0962b0)set Properties ( root,0x7fe4100daab0)  
2018-08-20 09:54:18.256: [UiServer][1025926912]{2:25312:52505} Sending message to PE. ctx= 0x7fe4000105a0, Client PID: 23799  
2018-08-20 09:54:18.260: [UiServer][1025926912]{2:25312:52505} Done for ctx=0x7fe4000105a0  
2018-08-20 09:54:18.278: [UiServer][1023825664] CS(0x7fe3fc096160)set Properties ( root,0x7fe4100e54f0)  
2018-08-20 09:54:18.288: [UiServer][1025926912]{2:25312:52506} Sending message to PE. ctx= 0x7fe400010fb0, Client PID: 23799  
2018-08-20 09:54:18.294: [UiServer][1025926912]{2:25312:52506} Done for ctx=0x7fe400010fb0  
2018-08-20 09:54:18.300: [UiServer][1023825664] CS(0x7fe3fc096000)set Properties ( root,0x7fe4100dad70)  
2018-08-20 09:54:18.311: [UiServer][1025926912]{2:25312:52507} Sending message to PE. ctx= 0x7fe4000105a0, Client PID: 23799  
2018-08-20 09:54:18.315: [UiServer][1025926912]{2:25312:52507} Done for ctx=0x7fe4000105a0

结论：■正常 □不正常。

### 2.2.4 集群CSS日志

集群CSS日志包含了集群节点通信、同步的错误与告警，需要对近期发现的集群节点通信、同步错误进行检查与分析。本次巡检时，在对集群两个节点的CSS日志进行分析，发现最近1个月，集群CSS日志无异常记录。

**节点一css日志：**

2018-08-20 13:32:08.814: [ CSSD][2256242432]clssnmCompleteGMReq: Completed request type 17 with status 1  
2018-08-20 13:32:08.814: [ CSSD][2256242432]clssgmDoneQEle: re-queueing req 0x7fbd70313410 status 1  
2018-08-20 13:32:08.814: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:08.817: [ CSSD][2269640448]clssgmCheckReqNMCompletion: Completing request type 17 for proc (0x7fbd70387d60), operation status 1, client status 0  
2018-08-20 13:32:08.820: [ CSSD][2269640448]clssgmDeadProc: proc 0x7fbd70387d60  
2018-08-20 13:32:08.820: [ CSSD][2269640448]clssgmDestroyProc: cleaning up proc(0x7fbd70387d60) con(0x17f5348d) skgpid ospid 1372 with 0 clients, refcount 0  
2018-08-20 13:32:08.820: [ CSSD][2269640448]clssgmDiscEndpcl: gipcDestroy 0x17f5348d  
2018-08-20 13:32:10.191: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:12.190: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:12.190: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:15.194: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:17.193: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:17.193: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:20.197: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:22.196: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:22.196: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:25.200: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:26.198: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:26.198: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:32:30.202: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:31.201: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:31.201: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:35.205: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:36.204: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:36.204: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:36.863: [ CSSD][2246715136]clssnmvReadDskHeartbeat: Reading DHBs to get the latest info for node db2, 2 LATSvalid 1 uniqueness 1526628948  
2018-08-20 13:32:40.208: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:41.206: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:41.206: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:45.208: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:45.209: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:32:45.210: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:50.211: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:50.211: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:50.213: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:55.208: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:55.214: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:55.214: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:00.216: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:00.216: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:00.218: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:04.219: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:04.219: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:33:05.221: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:09.221: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:09.221: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:10.223: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:14.223: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:14.224: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:15.226: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:19.226: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:19.227: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:20.229: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:24.229: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:24.229: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:25.232: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:29.232: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:29.232: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:30.235: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:34.235: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:34.235: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:35.238: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:38.237: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:38.237: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:33:40.241: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:43.240: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:43.240: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:45.243: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:48.243: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:48.243: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:50.246: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:53.246: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:53.246: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:55.249: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:57.248: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:57.248: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:33:57.767: [ CSSD][2269640448]clssscSelect: cookie accept request 0x7fbd700cf820  
2018-08-20 13:33:57.767: [ CSSD][2269640448]clssscevtypSHRCON: getting client with cmproc 0x7fbd700cf820  
2018-08-20 13:33:57.768: [ CSSD][2269640448]clssgmRegisterClient: proc(6/0x7fbd700cf820), client(27057/0x7fbd70654490)  
2018-08-20 13:33:57.768: [ CSSD][2269640448]clssgmJoinGrock: global grock crs\_version new client 0x7fbd70654490 with con 0x7fbd17f549af, requested num -1, flags 0x4000000  
2018-08-20 13:33:57.768: [ CSSD][2269640448]clssgmAddGrockMember: adding member to grock crs\_version  
2018-08-20 13:33:57.768: [ CSSD][2269640448]clssgmAllocateRPCIndex: allocated rpc 1969 (0x7fbd87645c38)  
2018-08-20 13:33:57.768: [ CSSD][2269640448]clssgmRPC: rpc 0x7fbd87645c38 (RPC#1969) tag(7b1006c) sent to node 1  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmHandleMasterMemberAdd: [s(1) d(1)]  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmAddMember: Adding fencing for member 3, group crs\_version, death 1, SAGE 0  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmAddMember: member (3/0x7fbd703ddff0) added. pbsz(0) prsz(84) flags 0x0 to grock (0x7fbd2402e3e0/crs\_version)  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmQueueGrockEvent: groupName(crs\_version) count(4) master(1) event(1), incarn 72158, mbrc 4, to member 1, events 0x0, state 0x0  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmQueueGrockEvent: groupName(crs\_version) count(4) master(1) event(1), incarn 72158, mbrc 4, to member 0, events 0x20, state 0x0  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmQueueGrockEvent: groupName(crs\_version) count(4) master(1) event(1), incarn 72158, mbrc 4, to member 3, events 0x0, state 0x0  
2018-08-20 13:33:57.768: [ CSSD][2232411904]clssgmCommonAddMember: global group grock crs\_version member(3/Local) node(1) flags 0x0 0x850fc070   
2018-08-20 13:33:57.769: [ CSSD][2232411904]clssgmRPCDone: rpc 0x7fbd87645c38 (RPC#1969) state 6, flags 0x100  
2018-08-20 13:33:57.769: [ CSSD][2232411904]clssgmAddGrockMemCmpl: rpc 0x7fbd87645c38, ret 0, client 0x7fbd70654490 member 0x7fbd703ddff0  
2018-08-20 13:33:57.769: [ CSSD][2232411904]clssgmAddGrockMemCmpl: sending type 6, size 540 to 0x7fbd70654490  
2018-08-20 13:33:57.769: [ CSSD][2232411904]clssgmFreeRPCIndex: freeing rpc 1969  
2018-08-20 13:33:57.769: [ CSSD][2232411904]clssgmAllocateRPCIndex: allocated rpc 1970 (0x7fbd87645ce0)  
2018-08-20 13:33:57.769: [ CSSD][2232411904]clssgmRPCBroadcast: rpc(0x7b2006c), status(1), sendcount(1), filtered by specific properties:   
2018-08-20 13:33:57.771: [ CSSD][2232411904]clssgmRPCDone: rpc 0x7fbd87645ce0 (RPC#1970) state 4, flags 0x402  
2018-08-20 13:33:57.771: [ CSSD][2232411904]clssgmBroadcastGrockRcfgCmpl: RPC(0x7b2006c) of grock(crs\_version) received all acks, grock update sequence(72166)  
2018-08-20 13:33:57.771: [ CSSD][2232411904]clssgmFreeRPCIndex: freeing rpc 1970  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmExitGrock: client 27057 (0x7fbd70654490), grock crs\_version, member 3  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmUnregisterPrimary: Unregistering member 3 (0x7fbd703ddff0) in global grock crs\_version  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmQueueGrockEvent: groupName(crs\_version) count(4) master(1) event(2), incarn 72158, mbrc 4, to member 1, events 0x0, state 0x0  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmQueueGrockEvent: groupName(crs\_version) count(4) master(1) event(2), incarn 72158, mbrc 4, to member 0, events 0x20, state 0x0  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmUnreferenceMember: deletion process started for global grock crs\_version member 3   
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmAllocateRPCIndex: allocated rpc 1968 (0x7fbd87645b90)  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmRPC: rpc 0x7fbd87645b90 (RPC#1968) tag(7b0006c) sent to node 1  
2018-08-20 13:33:57.771: [ CSSD][2269640448]clssgmUnreferenceMember: global grock crs\_version member 3 refcount is 0  
2018-08-20 13:33:57.771: [ CSSD][2232411904]clssgmHandleMasterMemberExit: [s(1) d(1)]  
2018-08-20 13:33:57.771: [ CSSD][2232411904]clssgmRemoveMember: grock crs\_version, member number 3 (0x7fbd703ddff0) node number 1 state 0x44 grock type 2  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmQueueGrockEvent: groupName(crs\_version) count(3) master(1) event(1), incarn 72159, mbrc 3, to member 1, events 0x0, state 0x0  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmQueueGrockEvent: groupName(crs\_version) count(3) master(1) event(1), incarn 72159, mbrc 3, to member 0, events 0x20, state 0x0  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmRPCDone: rpc 0x7fbd87645b90 (RPC#1968) state 6, flags 0x100  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmDelMemCmpl: rpc 0x7fbd87645b90, ret 0, client 0x7fbd70654490 member 0x7fbd703ddff0  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmFreeRPCIndex: freeing rpc 1968  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmAllocateRPCIndex: allocated rpc 1972 (0x7fbd87645e30)  
2018-08-20 13:33:57.772: [ CSSD][2232411904]clssgmRPCBroadcast: rpc(0x7b4006c), status(1), sendcount(1), filtered by specific properties:   
2018-08-20 13:33:57.772: [ CSSD][2269640448]clssgmDiscEndpcl: gipcDestroy 0x17f549af  
2018-08-20 13:33:57.773: [ CSSD][2232411904]clssgmRPCDone: rpc 0x7fbd87645e30 (RPC#1972) state 4, flags 0x402  
2018-08-20 13:33:57.773: [ CSSD][2232411904]clssgmBroadcastGrockRcfgCmpl: RPC(0x7b4006c) of grock(crs\_version) received all acks, grock update sequence(72167)  
2018-08-20 13:33:57.773: [ CSSD][2232411904]clssgmFreeRPCIndex: freeing rpc 1972  
2018-08-20 13:34:00.252: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:02.251: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:02.251: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:05.255: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:07.254: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:07.254: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:10.258: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:11.256: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:11.257: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:34:15.261: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:16.259: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:16.259: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:20.264: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:21.262: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:21.262: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:25.267: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:26.265: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:26.265: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:30.268: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:30.268: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:34:30.270: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:35.270: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:35.270: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:35.272: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:40.273: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:40.274: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:40.275: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:45.276: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:45.276: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:45.278: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:49.278: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:49.278: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:34:50.281: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:54.281: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:54.281: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:55.284: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:59.284: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:59.284: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:00.287: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:04.287: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:04.287: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:05.289: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:09.289: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:09.290: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:10.292: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:14.293: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:14.293: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:15.296: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:19.143: [ CSSD][2256242432]clssnmvReadDskHeartbeat: Reading DHBs to get the latest info for node db2, 2 LATSvalid 1 uniqueness 1526628948  
2018-08-20 13:35:19.296: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:19.296: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:20.298: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:23.298: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:23.298: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:35:25.301: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:28.300: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:28.301: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:30.304: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:33.304: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:33.304: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:35.306: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:38.307: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:38.307: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:40.310: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:43.309: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:43.309: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:45.312: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:46.201: [ CSSD][2251486976]clssnmvReadDskHeartbeat: Reading DHBs to get the latest info for node db2, 2 LATSvalid 1 uniqueness 1526628948  
2018-08-20 13:35:48.312: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:48.312: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:50.315: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:53.314: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:53.315: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:55.318: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:57.317: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:57.317: [ CSSD][2229257984]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:36:00.321: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:36:02.320: [ CSSD][2229257984]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:36:02.320: [ CSSD][2229257984]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:36:05.324: [ CSSD][2269640448]clssgmpcBuildNodeList: nodename for node 0 is NULL

**节点二css日志：**

2018-08-20 13:31:17.016: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:17.016: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:21.300: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:22.019: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:22.019: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:26.021: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:26.021: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:31:26.305: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:31.024: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:31.024: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:31.310: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:36.027: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:36.027: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:36.315: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:41.029: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:41.030: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:41.319: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:45.031: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:45.032: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:31:46.324: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:50.034: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:50.034: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:51.330: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:55.037: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:55.037: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:31:56.286: [ CSSD][754177792]clssscSelect: cookie accept request 0x11fd370  
2018-08-20 13:31:56.286: [ CSSD][754177792]clssgmAllocProc: (0x7f49186a7150) allocated  
2018-08-20 13:31:56.287: [ CSSD][754177792]clssgmClientConnectMsg: properties of cmProc 0x7f49186a7150 - 1,2,3,4,5  
2018-08-20 13:31:56.287: [ CSSD][754177792]clssgmClientConnectMsg: Connect from con(0x17df50d5) proc(0x7f49186a7150) pid(30222) version 11:2:1:4, properties: 1,2,3,4,5  
2018-08-20 13:31:56.287: [ CSSD][754177792]clssgmClientConnectMsg: msg flags 0x0000  
2018-08-20 13:31:56.300: [ CSSD][126330624]clssnmSetupReadLease: status 1  
2018-08-20 13:31:56.328: [ CSSD][740767488]clssnmCompleteGMReq: Completed request type 17 with status 1  
2018-08-20 13:31:56.328: [ CSSD][740767488]clssgmDoneQEle: re-queueing req 0x7f49186a4910 status 1  
2018-08-20 13:31:56.328: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:56.332: [ CSSD][754177792]clssgmCheckReqNMCompletion: Completing request type 17 for proc (0x7f49186a7150), operation status 1, client status 0  
2018-08-20 13:31:56.334: [ CSSD][754177792]clssgmDeadProc: proc 0x7f49186a7150  
2018-08-20 13:31:56.334: [ CSSD][754177792]clssgmDestroyProc: cleaning up proc(0x7f49186a7150) con(0x17df50d5) skgpid ospid 30222 with 0 clients, refcount 0  
2018-08-20 13:31:56.334: [ CSSD][754177792]clssgmDiscEndpcl: gipcDestroy 0x17df50d5  
2018-08-20 13:31:56.336: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:31:59.040: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:31:59.040: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:32:01.340: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:04.043: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:04.043: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:06.345: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:09.046: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:09.046: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:11.350: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:14.048: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:14.048: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:16.355: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:18.050: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:18.051: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:32:21.360: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:23.053: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:23.053: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:26.365: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:28.056: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:28.056: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:31.370: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:33.058: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:33.058: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:36.374: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:37.061: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:37.061: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:32:41.380: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:42.063: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:42.063: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:46.385: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:47.066: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:47.066: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:51.391: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:32:52.069: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:52.069: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:32:56.070: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:32:56.071: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:32:56.395: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:01.073: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:01.073: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:01.399: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:06.076: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:06.076: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:06.405: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:11.079: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:11.079: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:11.409: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:15.081: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:15.081: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:33:16.413: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:18.408: [ CSSD][740767488]clssnmvReadDskHeartbeat: Reading DHBs to get the latest info for node db2, 2 LATSvalid 1 uniqueness 1526628948  
2018-08-20 13:33:20.084: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:20.084: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:21.418: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:25.087: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:25.087: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:26.424: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:30.089: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:30.090: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:31.428: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:34.092: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:34.092: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:33:36.432: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:39.094: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:39.095: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:41.439: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:44.097: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:44.098: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:46.443: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:48.100: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:48.100: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:33:48.622: [ CSSD][112137984]clssgmTestSetLastGrockUpdate: grock(crs\_version), updateseq(72165) msgseq(72166), lastupdt<0x7f48c8067ad0>, ignoreseq(0)  
2018-08-20 13:33:48.622: [ CSSD][112137984]clssgmAddMember: member (3/0x7f48c8049320) added. pbsz(0) prsz(0) flags 0x0 to grock (0x7f48c802bd40/crs\_version)  
2018-08-20 13:33:48.622: [ CSSD][112137984]clssgmQueueGrockEvent: groupName(crs\_version) count(4) master(1) event(1), incarn 72158, mbrc 4, to member 2, events 0x0, state 0x0  
2018-08-20 13:33:48.622: [ CSSD][112137984]clssgmCommonAddMember: global group grock crs\_version member(3/Remote) node(1) flags 0x0 0xc8049320   
2018-08-20 13:33:48.622: [ CSSD][112137984]clssgmHandleGrockRcfgUpdate: grock(crs\_version), updateseq(72166), status(0), sendresp(1)  
2018-08-20 13:33:48.625: [ CSSD][112137984]clssgmTestSetLastGrockUpdate: grock(crs\_version), updateseq(72166) msgseq(72167), lastupdt<0x7f48c80668e0>, ignoreseq(0)  
2018-08-20 13:33:48.625: [ CSSD][112137984]clssgmRemoveMember: grock crs\_version, member number 3 (0x7f48c8049320) node number 1 state 0x0 grock type 2  
2018-08-20 13:33:48.625: [ CSSD][112137984]clssgmQueueGrockEvent: groupName(crs\_version) count(3) master(1) event(1), incarn 72159, mbrc 3, to member 2, events 0x0, state 0x0  
2018-08-20 13:33:48.625: [ CSSD][112137984]clssgmHandleGrockRcfgUpdate: grock(crs\_version), updateseq(72167), status(0), sendresp(1)  
2018-08-20 13:33:51.448: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:53.103: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:53.103: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:33:56.453: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:33:58.106: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:33:58.106: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:01.458: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:03.108: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:03.108: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:06.462: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:07.111: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:07.111: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:34:11.468: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:12.114: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:12.114: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:12.500: [ CSSD][740767488]clssnmvReadDskHeartbeat: Reading DHBs to get the latest info for node db1, 1 LATSvalid 1 uniqueness 1526625487  
2018-08-20 13:34:16.472: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:17.117: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:17.117: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:21.476: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:22.119: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:22.119: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:26.121: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:26.122: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:34:26.481: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:31.124: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:31.125: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:31.486: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:36.127: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:36.127: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:36.492: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:41.130: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:41.130: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:41.496: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:46.133: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:46.133: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:46.501: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:51.136: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:51.136: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:51.506: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:34:56.139: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:34:56.139: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:34:56.511: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:00.141: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:00.141: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:35:01.516: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:05.145: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:05.145: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:06.521: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:10.147: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:10.147: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:11.525: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:15.150: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:15.150: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:16.530: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:20.152: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:20.152: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:21.535: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:25.155: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:25.155: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:26.540: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:30.158: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:30.158: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:31.545: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:34.160: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:34.160: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:35:36.550: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:39.163: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:39.163: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:41.554: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:44.166: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:44.166: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:46.559: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:49.169: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:49.169: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes  
2018-08-20 13:35:51.563: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:53.171: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:53.172: [ CSSD][108984064]clssnmSendingThread: sent 4 status msgs to all nodes  
2018-08-20 13:35:56.568: [ CSSD][754177792]clssgmpcBuildNodeList: nodename for node 0 is NULL  
2018-08-20 13:35:58.174: [ CSSD][108984064]clssnmSendingThread: sending status msg to all nodes  
2018-08-20 13:35:58.174: [ CSSD][108984064]clssnmSendingThread: sent 5 status msgs to all nodes

结论：■正常 □不正常。

### 2.2.5 OCR自动备份状态

巡检过程中，对OCR自动备份进行检查。本次巡检，OCR自动备份正常

db1 2018/08/20 11:21:26 /u01/app/grid/product/11.2.0/grid\_1/cdata/db-cluster/backup00.ocr  
  
db1 2018/08/20 07:21:26 /u01/app/grid/product/11.2.0/grid\_1/cdata/db-cluster/backup01.ocr  
  
db1 2018/08/20 03:21:26 /u01/app/grid/product/11.2.0/grid\_1/cdata/db-cluster/backup02.ocr  
  
db1 2018/08/18 19:21:21 /u01/app/grid/product/11.2.0/grid\_1/cdata/db-cluster/day.ocr  
  
db1 2018/08/09 11:20:39 /u01/app/grid/product/11.2.0/grid\_1/cdata/db-cluster/week.ocr  
PROT-25: Manual backups for the Oracle Cluster Registry are not available

结论：■正常 □不正常。

## 2.3 ASM巡检

本节主要对ASM实例运行状态、磁盘组的配置情况进行详细描述与检查。

### 2.3.1 磁盘组信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grp | Name | State | Type | Total(MB) | Free(MB) |
| 1 | CRSDG | MOUNTED | HIGH | 10240 | 8852 |
| 2 | DATADG | CONNECTED | EXTERN | 102400 | 34536 |

结论：■正常 □不正常。

### 2.3.2 ASM告警日志

检查了集群ASM实例最近1个月的alert告警日志，告警日志无异常记录。

**节点一ASM ALERT告警日志：**

ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
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ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O

**节点二ASM ALERT告警日志：**

ORA-15032: not all alterations performed  
ORA-15017: diskgroup "ARCHDG" cannot be mounted  
ORA-15040: diskgroup is incomplete

结论：■正常 □不正常。

## 2.4 数据库巡检

该部分详细阐述了数据库jwdb ywkdb zhfwdb的主要结构。注：以下部分，若没有特殊说明，均表示2个数据库配置一致。

### 2.4.1 数据库版本

|  |
| --- |
| BANNER |
| Oracle Database 11g Enterprise Edition Release 11.2.0.4.0 - 64bit Production |
| PL/SQL Release 11.2.0.4.0 - Production |
| CORE 11.2.0.4.0 Production |
| TNS for Linux: Version 11.2.0.4.0 - Production |
| NLSRTL Version 11.2.0.4.0 - Production |

结论：■正常 □不正常。

### 2.4.2 SGA组成

以下是数据库jwdb ywkdb zhfwdb的SGA内存参数设置信息：

**jwdb数据库SGA组成：**

|  |  |
| --- | --- |
| NAME | VALUE |
| Fixed Size | 2258240 |
| Variable Size | 297798336 |
| Database Buffers | 570425344 |
| Redo Buffers | 6377472 |

**ywkdb数据库SGA组成：**

|  |  |
| --- | --- |
| NAME | VALUE |
| Fixed Size | 2252624 |
| Variable Size | 956301488 |
| Database Buffers | 201326592 |
| Redo Buffers | 9269248 |

**zhfwdb数据库SGA组成：**

|  |  |
| --- | --- |
| NAME | VALUE |
| Fixed Size | 2253784 |
| Variable Size | 1258294312 |
| Database Buffers | 385875968 |
| Redo Buffers | 7094272 |

结论：■正常 □不正常。

### 2.4.3 控制文件

以下是数据库jwdb ywkdb zhfwdb的控制文件相关信息：

**jwdb数据库控制文件：**

|  |
| --- |
| NAME |
| +DATADG/jwdb/controlfile/current.412.978260771 |

**ywkdb数据库控制文件：**

|  |
| --- |
| NAME |
| +DATADG/ywkdb/controlfile/current.485.978261455 |

**zhfwdb数据库控制文件：**

|  |
| --- |
| NAME |
| +DATADG/zhfwdb/controlfile/current.335.975751805 |

结论：■正常 □不正常。

### 2.4.4 在线重做日志

以下是数据库jwdb ywkdb zhfwdb的在线重做日志相关信息：

**jwdb数据库在线重做日志：**

|  |  |  |  |
| --- | --- | --- | --- |
| Group# | Status | Type | Member |
| 2 | None | ONLINE | +DATADG/jwdb/onlinelog/group\_2.424.978260773 |
| 1 | None | ONLINE | +DATADG/jwdb/onlinelog/group\_1.417.978260773 |
| 3 | None | ONLINE | +DATADG/jwdb/onlinelog/group\_3.440.978261167 |
| 4 | None | ONLINE | +DATADG/jwdb/onlinelog/group\_4.446.978261167 |

**ywkdb数据库在线重做日志：**

|  |  |  |  |
| --- | --- | --- | --- |
| Group# | Status | Type | Member |
| 2 | None | ONLINE | +DATADG/ywkdb/onlinelog/group\_2.514.978261459 |
| 1 | None | ONLINE | +DATADG/ywkdb/onlinelog/group\_1.498.978261457 |
| 3 | None | ONLINE | +DATADG/ywkdb/onlinelog/group\_3.550.978261845 |
| 4 | None | ONLINE | +DATADG/ywkdb/onlinelog/group\_4.564.978261845 |

**zhfwdb数据库在线重做日志：**

|  |  |  |  |
| --- | --- | --- | --- |
| Group# | Status | Type | Member |
| 2 | None | ONLINE | +DATADG/zhfwdb/onlinelog/group\_2.349.975751809 |
| 1 | None | ONLINE | +DATADG/zhfwdb/onlinelog/group\_1.343.975751807 |
| 3 | None | ONLINE | +DATADG/zhfwdb/onlinelog/group\_3.365.975751985 |
| 4 | None | ONLINE | +DATADG/zhfwdb/onlinelog/group\_4.371.975751989 |

结论：■正常 □不正常。

### 2.4.5 表空间管理

以下是数据库表空间的管理和使用情况。在ORACLE 9i之后除了系统表空间，其他的表空间的空间段管理方式推荐为LOCAL。  
 临时表空间用于存放临时段。为了维护数据库的性能，临时表空间的维护方法有别于其他一般表空间。缺省情况下，所有表空间都创建为PERMANENT。所以在创建临时段时，需要保证表空间类型为TEMPORARY。由于这些表空间中的排序段不被清除，所以减少了空间事务争夺，同时减少了SMON对于CPU的使用率。  
 由于表空间的extent 出现了local management 方式，对表空间采用了位图管理，更利于空间的使用及回收管理。

**jwdb数据库表空间使用率：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 表空间名 | 总空间 | 已使用 | 使用率 | 剩余空间 | 最大块 |
| SYSAUX | 960 | 872.5 | 90.89% | 87.5 | 46 |
| SYSTEM | 750 | 741.19 | 98.83% | 8.81 | 8.81 |
| UNDOTBS1 | 180 | 23.37 | 12.98% | 156.63 | 127 |
| UNDOTBS2 | 75 | 13.62 | 18.16% | 61.38 | 58 |
| USERS | 5 | 1.31 | 26.20% | 3.69 | 3.69 |

**ywkdb数据库表空间使用率：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 表空间名 | 总空间 | 已使用 | 使用率 | 剩余空间 | 最大块 |
| SYSAUX | 1110 | 1022.69 | 92.13% | 87.31 | 54 |
| SYSTEM | 760 | 755.69 | 99.43% | 4.31 | 4 |
| UNDOTBS1 | 180 | 38.25 | 21.25% | 141.75 | 136 |
| UNDOTBS2 | 75 | 10.81 | 14.41% | 64.19 | 59 |
| USERS | 5 | 2.19 | 43.80% | 2.81 | 2 |

**zhfwdb数据库表空间使用率：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 表空间名 | 总空间 | 已使用 | 使用率 | 剩余空间 | 最大块 |
| SYSAUX | 1140 | 1048.94 | 92.01% | 91.06 | 57 |
| SYSTEM | 1764 | 856.94 | 48.58% | 907.06 | 814 |
| UNDOTBS1 | 3445 | 14.37 | 0.42% | 3430.63 | 3427.81 |
| UNDOTBS2 | 75 | 12.25 | 16.33% | 62.75 | 32 |
| USERS | 65 | 61.5 | 94.62% | 3.5 | 3 |

结论：■正常 □不正常。

### 2.4.6 已知木马检测

根据各大安全网站公布的数据，定期更新数据库病毒检测库，对已知的数据库病毒程序进行检查，本次巡检数据库安全情况如下：

**jwdb数据库已知病毒检测结果：**

jwdb数据库未受到已知病毒感染。

**ywkdb数据库已知病毒检测结果：**

ywkdb数据库未受到已知病毒感染。

**zhfwdb数据库已知病毒检测结果：**

zhfwdb数据库受到病毒感染。

|  |  |  |
| --- | --- | --- |
| 病毒所属用户 | 病毒对象名 | 病毒对象类型 |
| SCOTT | DBMS\_SUPPORT\_INTERNAL | INDEX |

结论：■正常 □不正常。

### 2.4.7 数据库告警日志

数据库alert告警日志包含了系统级别的错误与告警，需要对发现的ORA错误进行检查与分析。最近1个月告警日志无异常记录。

**jwdb1实例alert告警日志：**

opidrv aborting process PZ99 ospid (18691) as a result of ORA-603  
opidrv aborting process M000 ospid (19549) as a result of ORA-603  
opidrv aborting process M000 ospid (20361) as a result of ORA-603  
opidrv aborting process M000 ospid (20566) as a result of ORA-603  
opidrv aborting process PZ99 ospid (21971) as a result of ORA-603  
opidrv aborting process PZ99 ospid (21981) as a result of ORA-603  
opidrv aborting process J000 ospid (22466) as a result of ORA-603  
opidrv aborting process J000 ospid (22529) as a result of ORA-603  
opidrv aborting process M000 ospid (22835) as a result of ORA-603  
opidrv aborting process J000 ospid (23649) as a result of ORA-603  
opidrv aborting process J000 ospid (23744) as a result of ORA-603  
opidrv aborting process J000 ospid (23759) as a result of ORA-603  
opidrv aborting process J000 ospid (23822) as a result of ORA-603  
opidrv aborting process J000 ospid (23830) as a result of ORA-603  
opidrv aborting process PZ99 ospid (25324) as a result of ORA-603  
opidrv aborting process PZ99 ospid (25333) as a result of ORA-603  
opidrv aborting process J000 ospid (25897) as a result of ORA-603  
opidrv aborting process J000 ospid (25983) as a result of ORA-603  
opidrv aborting process J000 ospid (26101) as a result of ORA-603  
opidrv aborting process J000 ospid (26167) as a result of ORA-603  
opidrv aborting process J000 ospid (26182) as a result of ORA-603  
opidrv aborting process J000 ospid (26256) as a result of ORA-603  
opidrv aborting process M000 ospid (26270) as a result of ORA-603  
opidrv aborting process W000 ospid (26482) as a result of ORA-603  
opidrv aborting process W000 ospid (26549) as a result of ORA-603  
opidrv aborting process W000 ospid (26590) as a result of ORA-603  
opidrv aborting process W000 ospid (26661) as a result of ORA-603  
opidrv aborting process W000 ospid (26671) as a result of ORA-603  
opidrv aborting process W000 ospid (26767) as a result of ORA-603  
opidrv aborting process J000 ospid (28445) as a result of ORA-603  
opidrv aborting process J000 ospid (28547) as a result of ORA-603  
opidrv aborting process PZ99 ospid (28852) as a result of ORA-603  
opidrv aborting process PZ99 ospid (28862) as a result of ORA-603  
opidrv aborting process J000 ospid (29359) as a result of ORA-603  
opidrv aborting process J000 ospid (29454) as a result of ORA-603  
opidrv aborting process PZ99 ospid (29737) as a result of ORA-603  
opidrv aborting process PZ99 ospid (29800) as a result of ORA-603  
opidrv aborting process PZ99 ospid (32168) as a result of ORA-603  
opidrv aborting process PZ99 ospid (32184) as a result of ORA-603  
opidrv aborting process J000 ospid (32716) as a result of ORA-603  
opidrv aborting process M000 ospid (630) as a result of ORA-603  
opidrv aborting process J000 ospid (3633) as a result of ORA-603  
opidrv aborting process J000 ospid (3718) as a result of ORA-603  
opidrv aborting process J000 ospid (3785) as a result of ORA-603  
opidrv aborting process J000 ospid (3899) as a result of ORA-603  
opidrv aborting process M000 ospid (4006) as a result of ORA-603  
opidrv aborting process PZ99 ospid (6385) as a result of ORA-603  
opidrv aborting process PZ99 ospid (6407) as a result of ORA-603  
opidrv aborting process J000 ospid (6908) as a result of ORA-603  
opidrv aborting process M000 ospid (7276) as a result of ORA-603  
opidrv aborting process M000 ospid (8075) as a result of ORA-603  
opidrv aborting process J001 ospid (10213) as a result of ORA-603  
opidrv aborting process M000 ospid (10569) as a result of ORA-603  
opidrv aborting process W000 ospid (11113) as a result of ORA-603  
opidrv aborting process W000 ospid (11141) as a result of ORA-603  
opidrv aborting process W000 ospid (11216) as a result of ORA-603  
opidrv aborting process J000 ospid (11464) as a result of ORA-603  
opidrv aborting process J000 ospid (11488) as a result of ORA-603  
opidrv aborting process J000 ospid (13722) as a result of ORA-603  
opidrv aborting process M000 ospid (15252) as a result of ORA-603  
opidrv aborting process M000 ospid (15287) as a result of ORA-603  
opidrv aborting process J000 ospid (15395) as a result of ORA-603  
opidrv aborting process M000 ospid (16312) as a result of ORA-603  
opidrv aborting process PZ99 ospid (16580) as a result of ORA-603  
opidrv aborting process PZ99 ospid (16617) as a result of ORA-603  
opidrv aborting process J000 ospid (17195) as a result of ORA-603  
opidrv aborting process M000 ospid (17485) as a result of ORA-603  
opidrv aborting process PZ99 ospid (19846) as a result of ORA-603  
opidrv aborting process PZ99 ospid (19882) as a result of ORA-603  
opidrv aborting process M000 ospid (20748) as a result of ORA-603  
opidrv aborting process PZ99 ospid (23111) as a result of ORA-603  
opidrv aborting process M000 ospid (24051) as a result of ORA-603  
opidrv aborting process PZ99 ospid (26479) as a result of ORA-603  
opidrv aborting process PZ99 ospid (26557) as a result of ORA-603  
opidrv aborting process J000 ospid (27261) as a result of ORA-603  
opidrv aborting process M000 ospid (27528) as a result of ORA-603  
opidrv aborting process M000 ospid (28268) as a result of ORA-603  
opidrv aborting process PZ99 ospid (29849) as a result of ORA-603  
opidrv aborting process W000 ospid (31497) as a result of ORA-603  
opidrv aborting process W000 ospid (31519) as a result of ORA-603  
opidrv aborting process J000 ospid (31623) as a result of ORA-603  
opidrv aborting process J000 ospid (31667) as a result of ORA-603  
opidrv aborting process J000 ospid (31749) as a result of ORA-603  
opidrv aborting process J000 ospid (31757) as a result of ORA-603  
opidrv aborting process J000 ospid (31812) as a result of ORA-603  
opidrv aborting process J000 ospid (31831) as a result of ORA-603  
opidrv aborting process PZ99 ospid (2247) as a result of ORA-603  
opidrv aborting process J000 ospid (3688) as a result of ORA-603  
opidrv aborting process J000 ospid (4078) as a result of ORA-603  
opidrv aborting process J000 ospid (4103) as a result of ORA-603  
opidrv aborting process M000 ospid (4180) as a result of ORA-603  
opidrv aborting process J000 ospid (4192) as a result of ORA-603  
opidrv aborting process M000 ospid (4408) as a result of ORA-603  
opidrv aborting process M000 ospid (5496) as a result of ORA-603  
opidrv aborting process PZ99 ospid (5699) as a result of ORA-603  
opidrv aborting process PZ99 ospid (5783) as a result of ORA-603  
opidrv aborting process J001 ospid (6507) as a result of ORA-603  
opidrv aborting process PZ99 ospid (6721) as a result of ORA-603  
opidrv aborting process W000 ospid (7416) as a result of ORA-603  
opidrv aborting process W000 ospid (7433) as a result of ORA-603  
opidrv aborting process W000 ospid (7464) as a result of ORA-603  
opidrv aborting process W000 ospid (7554) as a result of ORA-603

**ywkdb1实例alert告警日志：**

opidrv aborting process J000 ospid (21124) as a result of ORA-603  
opidrv aborting process J000 ospid (21206) as a result of ORA-603  
opidrv aborting process J000 ospid (21220) as a result of ORA-603  
opidrv aborting process PZ99 ospid (21505) as a result of ORA-603  
opidrv aborting process PZ99 ospid (21522) as a result of ORA-603  
opidrv aborting process J000 ospid (24291) as a result of ORA-603  
opidrv aborting process J000 ospid (24375) as a result of ORA-603  
opidrv aborting process J000 ospid (24392) as a result of ORA-603  
opidrv aborting process J000 ospid (24415) as a result of ORA-603  
opidrv aborting process J000 ospid (24497) as a result of ORA-603  
opidrv aborting process PZ99 ospid (24804) as a result of ORA-603  
opidrv aborting process PZ99 ospid (24818) as a result of ORA-603  
opidrv aborting process M000 ospid (25683) as a result of ORA-603  
opidrv aborting process W000 ospid (26688) as a result of ORA-603  
opidrv aborting process W000 ospid (26745) as a result of ORA-603  
opidrv aborting process W000 ospid (26772) as a result of ORA-603  
opidrv aborting process W000 ospid (26856) as a result of ORA-603  
opidrv aborting process W000 ospid (26877) as a result of ORA-603  
opidrv aborting process W000 ospid (26903) as a result of ORA-603  
opidrv aborting process W000 ospid (26932) as a result of ORA-603  
opidrv aborting process J000 ospid (27762) as a result of ORA-603  
opidrv aborting process M000 ospid (29022) as a result of ORA-603  
opidrv aborting process M000 ospid (29060) as a result of ORA-603  
opidrv aborting process J001 ospid (31125) as a result of ORA-603  
opidrv aborting process PZ99 ospid (31573) as a result of ORA-603  
opidrv aborting process PZ99 ospid (31609) as a result of ORA-603  
opidrv aborting process J000 ospid (31621) as a result of ORA-603  
opidrv aborting process J000 ospid (31633) as a result of ORA-603  
opidrv aborting process M000 ospid (32409) as a result of ORA-603  
opidrv aborting process W000 ospid (2830) as a result of ORA-603  
opidrv aborting process W000 ospid (2856) as a result of ORA-603  
opidrv aborting process J000 ospid (3547) as a result of ORA-603  
opidrv aborting process J000 ospid (3602) as a result of ORA-603  
opidrv aborting process PZ99 ospid (4002) as a result of ORA-603  
opidrv aborting process PZ99 ospid (4038) as a result of ORA-603  
opidrv aborting process J000 ospid (4080) as a result of ORA-603  
opidrv aborting process J000 ospid (4101) as a result of ORA-603  
opidrv aborting process J000 ospid (4182) as a result of ORA-603  
opidrv aborting process J000 ospid (4273) as a result of ORA-603  
opidrv aborting process J000 ospid (4286) as a result of ORA-603  
opidrv aborting process J000 ospid (4307) as a result of ORA-603  
opidrv aborting process J000 ospid (4397) as a result of ORA-603  
opidrv aborting process J000 ospid (4410) as a result of ORA-603  
opidrv aborting process M000 ospid (4421) as a result of ORA-603  
opidrv aborting process J000 ospid (4443) as a result of ORA-603  
opidrv aborting process J000 ospid (4493) as a result of ORA-603  
opidrv aborting process M000 ospid (4567) as a result of ORA-603  
opidrv aborting process M000 ospid (4923) as a result of ORA-603  
opidrv aborting process J001 ospid (6949) as a result of ORA-603  
opidrv aborting process J000 ospid (10245) as a result of ORA-603

**zhfwdb1实例alert告警日志：**

opidrv aborting process M000 ospid (22667) as a result of ORA-603  
opidrv aborting process PZ99 ospid (22898) as a result of ORA-603  
opidrv aborting process J000 ospid (24812) as a result of ORA-603  
opidrv aborting process J000 ospid (24832) as a result of ORA-603  
opidrv aborting process M000 ospid (26056) as a result of ORA-603  
opidrv aborting process PZ99 ospid (26292) as a result of ORA-603  
opidrv aborting process W000 ospid (26743) as a result of ORA-603  
opidrv aborting process W000 ospid (26763) as a result of ORA-603  
opidrv aborting process W000 ospid (26854) as a result of ORA-603  
opidrv aborting process W000 ospid (26875) as a result of ORA-603  
opidrv aborting process W000 ospid (26901) as a result of ORA-603  
opidrv aborting process W000 ospid (26924) as a result of ORA-603  
opidrv aborting process W000 ospid (27006) as a result of ORA-603  
opidrv aborting process J000 ospid (28257) as a result of ORA-603  
opidrv aborting process J000 ospid (29607) as a result of ORA-603  
opidrv aborting process J000 ospid (29636) as a result of ORA-603  
opidrv aborting process M000 ospid (329) as a result of ORA-603  
opidrv aborting process W000 ospid (2858) as a result of ORA-603  
opidrv aborting process M000 ospid (3912) as a result of ORA-603  
opidrv aborting process J000 ospid (4032) as a result of ORA-603  
opidrv aborting process J000 ospid (4055) as a result of ORA-603  
opidrv aborting process J000 ospid (4086) as a result of ORA-603  
opidrv aborting process J000 ospid (4150) as a result of ORA-603  
opidrv aborting process J000 ospid (4190) as a result of ORA-603  
opidrv aborting process M000 ospid (4288) as a result of ORA-603  
opidrv aborting process M000 ospid (4399) as a result of ORA-603  
opidrv aborting process M000 ospid (5296) as a result of ORA-603  
opidrv aborting process PZ99 ospid (5524) as a result of ORA-603  
opidrv aborting process J000 ospid (7418) as a result of ORA-603  
opidrv aborting process J000 ospid (7449) as a result of ORA-603  
opidrv aborting process J000 ospid (7470) as a result of ORA-603  
opidrv aborting process J000 ospid (7552) as a result of ORA-603  
opidrv aborting process M000 ospid (8558) as a result of ORA-603  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O  
ORA-00600: internal error code, arguments: [ksfdcse:calib], [0], [24], [1], [], [], [], [], [], [], [], []  
ORA-27090: Unable to reserve kernel resources for asynchronous disk I/O

**jwdb2实例alert告警日志：**

**ywkdb2实例alert告警日志：**

**zhfwdb2实例alert告警日志：**

WARNING: inbound connection timed out (ORA-3136)  
WARNING: inbound connection timed out (ORA-3136)  
ORA-00448: normal completion of background process  
ORA-00448: normal completion of background process  
ORA-00448: normal completion of background process  
ORA-00448: normal completion of background process

结论：■正常 □不正常。

## 2.5 网络巡检

本节主要对数据库网络、监听的运行情况予以检查。

### 2.5.1 监听状态

巡检过程中，对监听状态进行检查，结果显示，两个节点的监听状态及服务均正常。

**节点一监听状态：**

LSNRCTL for Linux: Version 11.2.0.4.0 - Production on 20-AUG-2018 13:36:07  
  
Copyright (c) 1991, 2013, Oracle. All rights reserved.  
  
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=LISTENER)))  
STATUS of the LISTENER  
------------------------  
Alias LISTENER  
Version TNSLSNR for Linux: Version 11.2.0.4.0 - Production  
Start Date 30-JUL-2018 15:37:07  
Uptime 20 days 21 hr. 58 min. 59 sec  
Trace Level off  
Security ON: Local OS Authentication  
SNMP OFF  
Listener Parameter File /u01/app/grid/product/11.2.0/grid\_1/network/admin/listener.ora  
Listener Log File /u01/app/oracle/diag/tnslsnr/db1/listener/alert/log.xml  
Listening Endpoints Summary...  
 (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))  
 (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.16.9.71)(PORT=1521)))  
 (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.16.9.73)(PORT=1521)))  
Services Summary...  
Service "+ASM" has 1 instance(s).  
 Instance "+ASM1", status READY, has 1 handler(s) for this service...  
Service "jwdb" has 1 instance(s).  
 Instance "jwdb1", status READY, has 1 handler(s) for this service...  
Service "jwdbXDB" has 1 instance(s).  
 Instance "jwdb1", status READY, has 1 handler(s) for this service...  
Service "ywkdb" has 1 instance(s).  
 Instance "ywkdb1", status READY, has 1 handler(s) for this service...  
Service "ywkdbXDB" has 1 instance(s).  
 Instance "ywkdb1", status READY, has 1 handler(s) for this service...  
Service "zhfwdb" has 1 instance(s).  
 Instance "zhfwdb1", status READY, has 1 handler(s) for this service...  
Service "zhfwdbXDB" has 1 instance(s).  
 Instance "zhfwdb1", status READY, has 1 handler(s) for this service...  
The command completed successfully

**节点二监听状态：**

LSNRCTL for Linux: Version 11.2.0.4.0 - Production on 20-AUG-2018 13:35:59  
  
Copyright (c) 1991, 2013, Oracle. All rights reserved.  
  
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=LISTENER)))  
STATUS of the LISTENER  
------------------------  
Alias LISTENER  
Version TNSLSNR for Linux: Version 11.2.0.4.0 - Production  
Start Date 31-MAY-2018 10:07:17  
Uptime 81 days 3 hr. 28 min. 42 sec  
Trace Level off  
Security ON: Local OS Authentication  
SNMP OFF  
Listener Parameter File /u01/app/grid/product/11.2.0/grid\_1/network/admin/listener.ora  
Listener Log File /u01/app/oracle/diag/tnslsnr/db2/listener/alert/log.xml  
Listening Endpoints Summary...  
 (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))  
 (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.16.9.72)(PORT=1521)))  
 (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.16.9.74)(PORT=1521)))  
Services Summary...  
Service "+ASM" has 1 instance(s).  
 Instance "+ASM2", status READY, has 1 handler(s) for this service...  
Service "jwdb" has 1 instance(s).  
 Instance "jwdb2", status READY, has 1 handler(s) for this service...  
Service "jwdbXDB" has 1 instance(s).  
 Instance "jwdb2", status READY, has 1 handler(s) for this service...  
Service "ywkdb" has 1 instance(s).  
 Instance "ywkdb2", status READY, has 1 handler(s) for this service...  
Service "ywkdbXDB" has 1 instance(s).  
 Instance "ywkdb2", status READY, has 1 handler(s) for this service...  
Service "zhfwdb" has 1 instance(s).  
 Instance "zhfwdb2", status READY, has 1 handler(s) for this service...  
Service "zhfwdbXDB" has 1 instance(s).  
 Instance "zhfwdb2", status READY, has 1 handler(s) for this service...  
The command completed successfully

结论：■正常 □不正常。

### 2.5.2 监听日志

巡检过程中，对集群两个节点的监听日志予以检查。检查发现，最近1个月两个节点的监听日志无异常记录。

**节点一监听日志：**

TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
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TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
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TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor  
TNS-12505: TNS:listener does not currently know of SID given in connect descriptor  
TNS-12514: TNS:listener does not currently know of service requested in connect descriptor

**节点二监听日志**

结论：■正常 □不正常。

## 2.6 数据库备份策略评估

本节主要对数据库的备份与恢复策略进行检查与评估。

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 数据库用途 | 数据库名 | 物理备份情况（含异地备份） | 物理备份保留周期 | 物理备份数据可恢复时间段 | 逻辑备份情况（含异地备份） | 逻辑备份保留周期 | 逻辑备份数据可恢复时间段 |
|  | jwdb | ■正常 □警告 □异常 | 本地备份保留14天，异地备份保留14天 | 可以恢复到14天之内任意时间点 | ■正常 □警告 □异常 | 本地备份保留7天，异地备份保留7天 | 可以恢复到7天内做逻辑备份的时间点 |
|  | ywkdb | ■正常 □警告 □异常 | 本地备份保留14天，异地备份保留14天 | 可以恢复到14天之内任意时间点 | ■正常 □警告 □异常 | 本地备份保留7天，异地备份保留7天 | 可以恢复到7天内做逻辑备份的时间点 |