益海嘉里搭建UAT环境操作步骤

# 一、清空日导

|  |
| --- |
| SET FOREIGN\_KEY\_CHECKS=0;  truncate table mod\_di\_v2\_log\_dw\_form\_imp;  truncate table mod\_di\_v2\_log\_step;  truncate table mod\_di\_v2\_log\_rowset;  truncate table mod\_di\_v2\_log\_transform;  truncate table mod\_di\_v2\_log\_rowdata;  truncate table spe\_template\_emp\_store\_xd;  SET FOREIGN\_KEY\_CHECKS=1; |

# 二、备份结构

|  |
| --- |
| mysqldump -uroot -p -h10.116.20.172 --port 8635 sfa\_yihaijiali\_fenxiao --force --single-transaction --routines --no-data --triggers --no-data -r sfa\_yihaijiali\_fenxiao\_20180914\_no\_data.sql |

备份报错：

mysqldump: Couldn't execute 'SHOW FIELDS FROM `v\_spe\_store\_emp\_200yixia\_ct`': View 'sfa\_yihaijiali\_fenxiao.v\_spe\_store\_emp\_200yixia\_ct' references invalid table(s) or column(s) or function(s) or definer/invoker of view lack rights to use them (1356)

mysqldump: Couldn't execute 'SHOW FIELDS FROM `v\_spe\_store\_emp\_200yixia\_xd`': View 'sfa\_yihaijiali\_fenxiao.v\_spe\_store\_emp\_200yixia\_xd' references invalid table(s) or column(s) or function(s) or definer/invoker of view lack rights to use them (1356)

处理报错：

与益海技术确认报错信息，是否可以忽略，如不可忽略，则由开发处理后及时通知DBA继续备份操作。

# 三、备份数据

|  |
| --- |
| mysqldump -uroot -p -h10.116.20.172 sfa\_yihaijiali\_fenxiao --single-transaction --set-gtid-purged=OFF --no-create-info --skip-triggers --ignore-table=sfa\_yihaijiali\_fenxiao.mod\_di\_v2\_log\_dw\_form\_imp --ignore-table=sfa\_yihaijiali\_fenxiao.mod\_di\_v2\_log\_step --ignore-table=sfa\_yihaijiali\_fenxiao.mod\_di\_v2\_log\_rowset --ignore-table=sfa\_yihaijiali\_fenxiao.mod\_di\_v2\_log\_transform --ignore-table=sfa\_yihaijiali\_fenxiao.mod\_di\_v2\_log\_rowdata -r sfa\_yihaijiali\_fenxiao\_20180914\_data.sql |

# 四、处理结构

|  |
| --- |
| ./process.sh /home/backup/dump/sfa\_yihaijiali\_fenxiao\_20180914\_no\_data.sql |

# 五、新建数据库

|  |
| --- |
| mysql -uroot -p -h10.116.20.172 -e "CREATE DATABASE sfa\_yihaijiali\_fenxiao\_20180914 DEFAULT CHARACTER SET utf8" |

# 六、导入结构

|  |
| --- |
| mysql -uroot -p -h10.116.20.172 sfa\_yihaijiali\_fenxiao\_20180914< sfa\_yihaijiali\_fenxiao\_20180914\_no\_data.sql |

# 七、检查数据库对象

|  |
| --- |
| SELECT CONCAT(RPAD('TABLE',12,' '),':',COUNT(0)) AS "db\_type" FROM information\_schema.tables WHERE table\_schema='sfa\_yihaijiali\_fenxiao'  UNION  SELECT CONCAT(RPAD('VIEW',12,' '),':',COUNT(0)) FROM information\_schema.views WHERE table\_schema='sfa\_yihaijiali\_fenxiao'  UNION  SELECT CONCAT(RPAD(ROUTINE\_TYPE,12,' '),':',COUNT(0)) FROM information\_schema.routines WHERE routine\_schema='sfa\_yihaijiali\_fenxiao' GROUP BY ROUTINE\_TYPE  UNION  SELECT CONCAT(RPAD('TRIGGER',12,' '),':',COUNT(0)) FROM information\_schema.triggers WHERE trigger\_schema='sfa\_yihaijiali\_fenxiao'  UNION  SELECT CONCAT(RPAD('EVENT',12,' '),':',COUNT(0)) FROM information\_schema.`EVENTS` WHERE event\_schema='sfa\_yihaijiali\_fenxiao'; |

说明：在源库和目标库分别运行以上SQL，注意替换脚本中的库名，确保两个库中数据库对象数量一致，如不一致，需要查找原因。

# 八.导入数据

|  |
| --- |
| mysql -uroot -p -h10.116.20.172 sfa\_yihaijiali\_fenxiao\_20180914< sfa\_yihaijiali\_fenxiao\_20180914\_data.sql |

# 九、附件

## 9.1 处理备份结构脚本



说明：该脚本会去除视图中的库名，以及函数，过程、触发器中有关用户的信息。