

知 某局点Linux+Oracle环境安装部署EIA失败

iMC

潘韬略 2021-03-02 发表

组网及说明

不涉及

问题描述

某局点Linux+Oracle环境安装部署EIA失败，报错提示如下：

```
13371 2021-03-02 10:51:44 INFO | [Thread-2] [com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread:run(155)] Executing com.h3c.lco.deploy.task3.addReplacementVariablesTask[正在增加组件使用的]
13372 2021-03-02 10:51:44 INFO | [Thread-2] [com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread:run(155)] Executing com.h3c.lco.deploy.task3.immHotTask[正在执行部署任务...]
13373 2021-03-02 10:51:44 INFO | [Deployer-pool-3-thread-5] [com.h3c.lco.deploy.task3.immHotTask$RunnableTask(18)] lco_root context result:conf/IMC
13374 2021-03-02 10:51:44 INFO | [Thread-2] [com.h3c.lco.deploy.dma.IPConfigFileManager:readAllConfigs(168)] Start loading server-side.xml configuration file
13375 2021-03-02 10:51:44 INFO | [Thread-2] [com.h3c.lco.deploy.dma.IPConfigFileManager:readAllConfigs(168)] load server-side.xml configuration file succeeded
13376 2021-03-02 10:51:44 INFO | [Deployer-pool-3-thread-6] [com.h3c.lco.deploy.task3.buildDatabaseTask$DatabaseBuildDescriptor:doInBackground(44)] 解压数据库文件
13377 2021-03-02 10:51:44 INFO | [Thread-2] [com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread:run(155)] Executing com.h3c.lco.deploy.task3.buildDatabaseTask[正在执行数据库创建操作]
13378 2021-03-02 10:51:12 ERROR | [Deployer-pool-3-thread-6] [com.h3c.lco.deploy.task3.buildDatabaseTask$DatabaseBuildDescriptor:doInBackground(44)] Execute database script error! return value: 220. For de
13379 2021-03-02 10:51:24 INFO | [Thread-2] [com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread:run(155)] Deploy component:IMC-DBMS failed, reason: ERROR_batch_deploy_interrupte
13380 2021-03-02 10:51:24 ERROR | [Thread-2] [com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread:run(155)] Open taskLogFile error
13381 java.io.IOException: Failed to show VM file:etc/IMC-Reserve/log/dbresult_20210302105144.log
13382 at java.desktop/sun.awt.X11.XToolkitPeer.Launch(DesktopPeer.java:124)
13383 at java.desktop/sun.awt.X11.XToolkitPeer.open(DesktopPeer.java:97)
13384 at java.desktop/java.awt.Desktop.open(Desktop.java:425)
13385 at com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread.run(DeployingPanelDescriptor.java:449)
13386
13387 2021-03-02 10:51:24 INFO | [Deployer-pool-3-thread-7] [com.h3c.lco.deploy.dma.wizard.DeployingPanelDescriptor$WorkingThread:run(155)] 本地化可选择的组件列表:
13388 2021-03-02 10:51:27 INFO | [Deployer-pool-3-thread-6] [com.h3c.lco.deploy.dma.DeployManager$ParallelComponentDeployTask(134)] Save Component Deploy Info OK
13389
```

再去查看/etc/IMC-Reserved/log/dbresult_20210302105144.log日志：

```
dbresult_20210302105144.log
9758 1 row created.
9760
9761
9762 1 row created.
9763
9764
9765 1 row created.
9766
9767
9768 1 row created.
9769
9770
9771 1 row created.
9772
9773
9774 33 rows updated.
9775
9776
9777 1 row created.
9778
9779
9780 1 row created.
9781
9782
9783 1 row created.
9784
9785
9786 1 row created.
9787
9788
9789 1 row created.
9790
9791
9792 1 row created.
9793
9794
9795 Commit complete.
9796
9797 1 row created.
9798
9799
9800 insert into TBL_SAFE_CONTROL_GROUP(ID, NAME, TYPE, STRATEGY_MODEL, SERVICE_GROUP_ID, IF_LOCAL_DATA, GROUP_TYPE)
9801 *
9802 ERROR at line 1:
9803 ORA-00001: unique constraint (EAD.IND_SAFE_CONTROL_GROUP) violated
9804
9805
```

1 row created.

insert into TBL_SAFE_CONTROL_GROUP(ID, NAME, TYPE, STRATEGY_MODEL, SERVICE_GROUP_ID, IF_LOCAL_DATA, GROUP_TYPE)

*

ERROR at line 1:

ORA-00001: unique constraint (EAD.IND_SAFE_CONTROL_GROUP) violated

过程分析

从错误现象来看，在安装UAM数据库时存在约束条件。EIA组件部署时需要操作系统和数据库的字符集保持一致。若Linux操作系统为英文操作系统，则oracle数据库客户端的字符集NLS_LANG环境变量必须配置为英文环境；若Linux操作系统环境为中文操作系统，则oracle数据库客户端的字符集NLS_LANG环境变量必须配置为中文环境。

解决方法

这个是现场数据库字符集配置不正确导致。可以按照如下方法修改测试：

根据系统语言环境正确配置NLS_LANG环境变量。为使该环境变量随系统自动加载生效，需配置/etc/profile文件。

在终端中输入下述命令打开profile文件：

```
vi /etc/profile
```

若中文环境需在profile文件中添加：

```
NLS_LANG=AMERICAN_AMERICA.ZHS16GBK
```

```
export NLS_LANG
```

若英文环境需在profile文件中添加：

```
NLS_LANG=AMERICAN_AMERICA.WE8IS08859P1
```

```
export NLS_LANG
```

完成配置后，保存文件，然后运行source /etc/profile或者重启操作系统是配置文件生效，然后再继续安装EIA部署指导安装部署即可。

