Error - Caused by Java SQL SQLException Database Is Locked

Symptom

User gets this error with CDP 3 Disk Safe stored on NFS:

```
2011-01-19 16:31:00,880 ERROR - TASK(zimbra backup): Error replicating device / (0714caf7-ec47-4ba1-83fa-ffabaaee9030)
com.r1soft.backup.server.disksafe.blockstore.Rib: Failed to load block store
at com.r1soft.backup.server.disksafe.blockstore.Rf.loadDB(Rf.java:558)
at com.r1soft.backup.server.disksafe.blockstore.Rg.openR1DBNativeBlockStore(Rg.java:31)
at com.r1soft.backup.server.disksafe.blockstore.Rd.open(Rd.java:75)
at com.r1soft.backup.server.disksafe.blockstore.Ri.getBlockStore(Ri.java:65)
at com.r1soft.backup.server.disksafe.metadata.entity.RecoveryPoint.startAddMember(RecoveryPoint.java:646)
at com.r1soft.backup.server.task.DataProtectionPolicyTask.Ra(DataProtectionPolicyTask.java:1470)
at com.r1soft.backup.server.task.DataProtectionPolicyTask.Ra(DataProtectionPolicyTask.java:1361)
at com.r1soft.backup.server.task.DataProtectionPolicyTask.Rc(DataProtectionPolicyTask.java:943)
at com.r1soft.backup.server.task.DataProtectionPolicyTask.run(DataProtectionPolicyTask.java:398)
at com.r1soft.backup.server.task.scheduler.TaskRunner.run(TaskRunner.java:155)
at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
Caused by: java.sql.SQLException: database is locked
at com.r1soft.r1db.DB.throwex(DB.java:289)
at com.r1soft.r1db.NativeDB.prepare(Native Method)
at com.r1soft.r1db.DB.prepare(DB.java:115)
at com.r1soft.r1db.Stmt.execute(Stmt.java:82)
at com.r1soft.backup.server.disksafe.blockstore.Rf.configPragmas(Rf.java:441)
at com.r1soft.backup.server.disksafe.blockstore.Rf.loadDB(Rf.java:529)
...
```

Setup is a CDP 3.8.2 on CentOS backing up to a NetApp SAN over NFS3.

Cause

CDP 3.0 uses file locks on the block store to protect the block store from another instance of CDP accidentally trying to open it.

Resolution

Resolution is starting nfslock on the Linux NFS client where CDP Server is running.

To start nfslock, run the following command:

```
/etc/init.d/nfslock start
```

See the "Linux NFS configuration services" article in http://www.dba-oracle.com/oracle_tips_linux_nfs.htm for more information.

Related Articles

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