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Subject: Re: Error: undump failed: Resource temporarily unavailable

Posted by [duswil](#) on Wed, 08 Jul 2009 11:28:20 GMT

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Heh.. that worked nicely.

For those interested, here's my script (not broken out into nice functions for the error handling (some duplicate code), but it works great):

```
#!/bin/bash
```

```
VEID=$1
```

```
# test DRBD
```

```
if grep -q 'UpToDate/UpToDate' /proc/drbd; then
```

```
  echo
```

```
  echo "DRBD is OK. Continuing..."
```

```
  echo
```

```
else
```

```
  echo
```

```
  cat /proc/drbd
```

```
  echo
```

```
  echo "*** DRBD is NOT OK. Quitting..."
```

```
  echo
```

```
  exit
```

```
fi
```

```
# test VEID
```

```
RUNNING=`vzctl status $VEID | awk '{print $5}`
```

```
if [ "$RUNNING" != "running" ]; then
```

```
  echo "*** $VEID is not running or does not exist. Online migration is pointless in this situation."
```

```
  echo
```

```
  exit 1
```

```
fi
```

```
# freeze and dump
```

```
echo "REMOVING OLD DUMPS (if any)..."
```

```
rm -f "/var/lib/vz/dump/$VEID"
```

```
echo "LOCALLY FREEZING $VEID..."
```

```
if ! vzctl chkpnt $VEID --suspend; then
```

```
  echo "*** FAILED to suspend $VEID."
```

```
exit
fi

echo "LOCALLY DUMPING $VEID..."
if ! vzctl chkpnt $VEID --dump --dumpfile /var/lib/vz/dump/$VEID; then
    echo "*** FAILED to dump $VEID. Resuming $VEID on current HN."
    if ! vzctl chkpnt $VEID --resume; then
        echo "*** FAILED to resume $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    exit
fi
```

```
# stop and umount
echo "LOCALLY STOPPING $VEID..."
if ! vzctl chkpnt $VEID --kill; then
    echo "*** FAILED to kill $VEID on current HN. Resuming $VEID on current HN."
    if ! vzctl chkpnt $VEID --resume; then
        echo "*** FAILED to resume $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    exit
fi
```

```
echo "LOCALLY UMountING $VEID..."
if ! vzctl umount $VEID; then
    echo "*** FAILED to umount $VEID on current HN. Resuming $VEID on current HN."
    if ! vzctl chkpnt $VEID --undump --dumpfile /var/lib/vz/dump/$VEID; then
        echo "*** FAILED to undump $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    if ! vzctl chkpnt $VEID --resume; then
        echo "*** FAILED to resume $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
fi
```

```
# undump and thaw
echo "REMOtELY ADDING CONF FOR $VEID..."
if ! ssh root@vzpeer ln -s /var/lib/vz/conf/$VEID.* /etc/vz/conf/; then
    echo "*** FAILED adding $VEID conf files to vzpeer. Resuming $VEID on current HN."
    if ! vzctl chkpnt $VEID --undump --dumpfile /var/lib/vz/dump/$VEID; then
        echo "*** FAILED to undump $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
fi
```

```

fi
if ! vzctl chkpnt $VEID --resume; then
    echo "*** FAILED to resume $VEID on current HN. I'll leave it to you to figure it out."
    exit
fi
exit
fi

echo "REMOTELY UNDUMPING $VEID..."
if ! ssh root@vzpeer vzctl restore $VEID --undump --dumpfile /var/lib/vz/dump/$VEID; then
    echo "*** FAILED undumping $VEID on vzpeer. Removing $VEID conf on vzpeer and resuming
$VEID on current HN."
    ssh root@vzpeer rm -f /etc/vz/conf/$VEID.*
    if ! vzctl chkpnt $VEID --undump --dumpfile /var/lib/vz/dump/$VEID; then
        echo "*** FAILED to undump $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    if ! vzctl chkpnt $VEID --resume; then
        echo "*** FAILED to resume $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    exit
fi

echo "REMOTELY THAWING $VEID..."
if ! ssh root@vzpeer vzctl restore $VEID --resume; then
    echo "*** FAILED to resume $VEID on vzpeer. Removing $VEID conf on vzpeer and resuming
$VEID on current HN."
    ssh root@vzpeer rm -f /etc/vz/conf/$VEID.*
    if ! vzctl chkpnt $VEID --undump --dumpfile /var/lib/vz/dump/$VEID; then
        echo "*** FAILED to undump $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    if ! vzctl chkpnt $VEID --resume; then
        echo "*** FAILED to resume $VEID on current HN. I'll leave it to you to figure it out."
        exit
    fi
    exit
fi

# cleanup
echo "REMOVING DUMP..."
if ! rm -f "/var/lib/vz/dump/$VEID"; then
    echo "*** FAILED to remove $VEID dump file. Maybe there isn't a problem. I'll let you decide."
fi

```

```
echo "REMOVING LOCAL CONF FOR $VEID..."
if ! rm -f /etc/vz/conf/$VEID.*; then
  echo "*** FAILED to remove $VEID conf symlinks on current HN. If they still exist, you might
have the VE running on two machines at once on reboot. I'll let you figure it out."
fi
```

```
# done
echo "All done!"
```

---