

LEONARDO Maintenance

Daily

- 1) Review the Day End Activity Log (client workstation, Horizon software, Administration menu) to make sure processes completed for the previous day (ran at 11 PM last night).
- 2) Make sure the nightly database backup ran (using one of the following methods):

Check output from cron:

sent daily to root's mail (/etc/aliases forward to stephann@lindahall.org)

OR

in filesystem

SSH in as sybase user...

```
$ cd /backup/reports
```

```
$ tail nightlybkp.output
```

(tail -125l nightlybkp.output | more displays last 125 lines with pause)

Check backup log:

```
$ cd /sybase/12/ASE*/install
```

```
$ tail backup.log (will display last 10 lines)
```

(tail -125l backup.log | more displays last 125 lines with pause)

regardless, the last line should be something like this:

```
[today's date] 02:35:38 2000: Backup Server: 3.42.1.1: DUMP is complete
(database davinci).
```

Check backup files:

on disk

```
$ cd /backup/db
```

look for relevant files with today's date (db_[dbname]_[stripe]_[date])

OR

on tape

```
$ tar tf /dev/rmt/0
```

should list files written to tape

- 3) Change davinci tape to that appropriate for next backup.
[Note: On Monday morning, check to see that Friday (Saturday am) backup succeeded and switch to post-DBCC tape BEFORE 10 AM. Check to see that backup succeeded and put Monday tape in before leaving.]
- 4) Check that DEOVERDU (client workstation, Control Panel, Scheduled Tasks) ran at 4 AM this morning.
- 5) Set Day End Processes (client workstation, Horizon software, Administration menu) to run at 11 PM tonight.

Weekly

- 1) Change leonardo tape to that appropriate for next backup.
- 2) Clean tape drive on davinci server (should be done after approx. 30 hours runtime).
- 3) Check DBCC for errors (see DBCC and Update Statistics).
sent weekly to root's mail (/etc/aliases forward to stephann@lindahall.org)

Other

- 1) Check Sybase error logs for errors (/sybase/[version]/ASE-[version]/install/SYBASE.*).
sent bimonthly to root's mail (/etc/aliases forward to stephann@lindahall.org)
- 2) Monitor free space in the davinci database:
sent monthly to root's mail (/etc/aliases forward to stephann@lindahall.org)
OR
using SQL, type sp_helpdb davinci
make note of device_fragments used for "data only",
divide
free kbytes for those devices = total free KB
by
size (MB) for those devices x 1024 = total size in KB
- 3) Clean tape drive on leonardo server after approx. 30 hours runtime.
- 4) Clear out /var/adm/wtmpx on both servers.
> wtmpx
- 5) Run the most recent Sun™ patch check program to determine levels on the systems against Sun's Recommended and Security patch lists.
- 6) Back up Solaris operating system on both servers, while they are not busy (ufsdump of all mounted filesystems).