TEST 5A

Test the functioning of cron jobs for bitpreservation.

Goals

- Test cronjobs for bitpreservation

Prerequisites

None special.

Procedure

Prepare Installation

On devel@kb-prod-udv-001.kb.dk:

```
cd prepared_software/
# VERSION assumes the existence of
/home/devel/nas_versions/NetarchiveSuite-$VERSION.zip
export VERSION=XXXXXXXXX
export TESTX=TEST5A
export PORT=807?
export MAILRECEIVERS=foo@bar.dk
all_test.sh
```

Check the the GUI is available at http://kb-test-adm-001:$PORT .

Run a Harvest

Define and run a selective harvest of netarkivet.dk, with the default order template and a once-per-week schedule.

Install Crontabs

On devel@kb-prod-udv-001, copy over the needed file:

```
scp cronjobs/*.sh devel@kb-test-adm-001.kb.dk:bin
ssh devel@kb-test-adm-001.kb.dk 'chmod 755 bin/*.sh'
ssh devel@kb-test-adm-001.kb.dk 'rm Bitpreservation-filestatus.jsp*'
```

Create the new crontab:

```
rm -f crontab_tmp;
echo "*/5 * * * * (source ~/.bashrc; source ~/.bash_profile;
/home/devel/bin/ba_mis_name_cron.sh devel test $TESTX $PORT $MAILRECEIVERS
)" >> crontab_tmp
echo "*/5 * * * * (source ~/.bashrc; source ~/.bash_profile;
/home/devel/bin/ba_checksum_cron.sh devel test $TESTX $PORT $MAILRECEIVERS
)" >> crontab_tmp
```

Install the crontab:

```
scp crontab_tmp devel@kb-test-adm-001:
ssh devel@kb-test-adm-001 crontab crontab_tmp
```

Check Output from Cronjobs

Wait five minutes for the cronjobs to run and then look at the output:

```
ssh devel@kb-test-adm-001 cat ${TESTX}/ba_cron_checksums.log
ssh devel@kb-test-adm-001 cat ${TESTX}/ba_cron_missing_files.log
```

The output should not show any errors.

Also check the webpage

```
http://kb-test-adm-001.kb.dk:${PORT}/BitPreservation/Bitpreservation-files
tatus.jsp
```

. The date of last update should correspond to when the cronjobs were last run.

Disable the Cronjobs

```
ssh devel@kb-test-adm-001 'rm -f crontab_tmp; touch crontab_tmp; crontab
crontab_tmp'
```

Close Down the Test

cleanup_all_test.sh