

# Setup DK test environment

Describes how to configure a generic DK test environment.

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## Startup

1. ssh to the test system server:

```
> ssh devel@kb-prod-udv-001.kb.dk
```

2. Set the global variables for your testcase:

```
> export TESTX=TEST??.; export PORT=807?; export
MAILRECEIVERS=foo@bar.dk; export VERSION=5.1-RC1 ; export
H3ZIP=/home/devel/nas_versions/bundler/NetarchiveSuite-heritrix3-bund
ler-5.1-RC1.zip
(optional arguments):
export SKIPCLEANUP=1 (Just stop the test, don't remove its data -
useful for just upgrading your system with a build)
export SKIPDBINIT=1 (Don't reset the database for your system; just
use the existing database as-is)
```

Note that the VERSION value indicates, that the NAS zip file to use is `/home/devel/nas_versions/NetarchiveSuite- $\{$ VERSION $\}$ .zip`

Start the test (general test, see specific test case for actual startup command)

```
> all_test.sh
```

The NAS GUI can now be accessed at <http://kb-test-adm-001.kb.dk:807?/>.

Ensure the language is set to English before starting the test, so the string mentioned in the test specifications correspond to the text displayed in the deployed GUI.

## Harvest DB

The harvest database for the standard release tests is based on a postgresql dump. This can be found in `test@kb-prod-udv-001:bin/harvestdb.release_test.pgsql`. This directory is a CVS working copy, so any alterations to the database can be committed directly from there. A new version of the database dump can be generated from any existing NAS instance using `pg_dump: pg_dump -U test -d test<foobar>_harvestdb -f harvestdb.release_test.pgsql`.

## Test port allocation

Person	Internal Port
Systemtest, functional	8071
Reserved for PLIGT	8072
Systemtest, performance	8073
Reserved for PLIGTH3	8074

NICL	8075
TLR	8076
SVC	8077
CSR	8078
JOLF	8079

## Viewerproxy Setup

To use a viewerproxy in the test system

1. Setup port forwarding from your user port on kb-prod-udv-001 to the same port on kb-test-acs-001 (the Viewerproxy application) as follows:

```
ssh -g -N -L${PORT}:kb-test-acs-001.kb.dk:${PORT}
kb-test-acs-001.kb.dk
```

2. Setup a browser to use this proxy. This is easiest in Firefox. For example, you can define a Firefox profile which always connects to your favoured proxy. Start firefox with

```
firefox --no-remote -P
```

then create a new profile. In Edit->Preferences->Advanced->Settings choose "Manual proxy configuration". Set the proxy to kb-prod-udv-001.kb.dk and the port to your usual port. Check "Use this proxy server for all protocols". Then add the following to "No Proxy for:"

```
localhost,
127.0.0.1,kb-test-adm-001.kb.dk,kb-prod-udv-001.kb.dk,kb-prod-udv-001
```

You can now use this Firefox profile both to browse the admin GUI for your NAS installation and for the viewerproxy.