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This page gives the instructions on how to update the CA certificates on the CERN AFS UI. As the certificates are kept in a separate directory from the UI itself, this will result in the update of the CA certificates both for the production and pre-production AFS UI.

## Get them from the repository

```
mkdir /tmp/ca_update
cd /tmp/ca_update
wget -r -A rpm -nd -N http://glitesoft.cern.ch/LCG-CAs/current/RPMS.production
```

## Make a back up copy of the old certificates directory

```
cd /afs/.cern.ch/project/gd/LCG-share2
mv certificates_old certificates_really_old
cp -r certificates certificates_old
```

Remove the `certificates_save` directory when you have finished.

```
rm -rf certificates_really_old
```

## Unpack them locally and move them to AFS

```
> cd /tmp/ca_update
> for n in *.rpm; do rpm2cpio $n > $n.cpio; done
> for n in *.cpio; do echo $n >> ca.log; cpio -id --verbose --no-absolute-filenames < $n 2>&1 |
> cd etc/grid-security
> tar cpf - . | (cd /afs/.cern.ch/project/gd/LCG-share2/ ; tar xpf - )
```

edit the `VERSION` file `/afs/.cern.ch/project/gd/LCG-share2/certificates/VERSION` and copy the header from the CA release html page.

Synchronize the RO and RW AFS areas.

```
afs_admin vos_release p.gd.lcgshare
```

-- Main.diana - 14 Feb 2007

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This topic: LCG > UpdateAfsUiCA

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