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# VO related operations on AFS UI

## Adding a new VO with yaim

**Note:** this currently is not possible, as each VO normally has more than one RB, and different per VO, which currently is not supported by YAIM.

## Adding a new VO without yaim

- Edit the `site-info.def` file and add the new VO parameters as a reminder for future AFS UI releases.

- Add (if not present) the certificate of the relevant VOMS server to the directory

```
$INSTALL_ROOT/etc/grid-security/vomsdir
```

- ◆ Format of the file name is `voms.server.name.extension`, where the extension can be the serial number of the certificate or the date the certificate was issued (format `YYYY-MM-DD`). Either can be found in the output of this command:

```
openssl x509 -noout -text -in The-new-host-cert
```

- ◆ fix the ownership of the host cert:

```
afs_admin s_o root:root $INSTALL_ROOT/etc/grid-security/vomsdir/The-new-host-cert
```

- Add a line for the new VO in the file `$INSTALL_ROOT/glite/etc/vomses` to associate the VO to its VOMS server.
- Add a file for the new VO in the directory `$INSTALL_ROOT/edg/etc/vomses` to associate the VO to its VOMS server.

- Add a directory `$INSTALL_ROOT/edg/etc/<VO-NAME>`

- ◆ Create and edit the file `edg_wl_ui.conf`

- Add a directory `$INSTALL_ROOT/glite/etc/<VO-NAME>`

- ◆ Create and edit the file `glite_wms.conf`
- ◆ Create and edit the file `glite_wmsui.conf`

- Set the variable `VO_<VO-NAME>_DEFAULT_SE` in the

```
$INSTALL_ROOT/etc/env.d/lcgenenv.(c)sh
```

```
files
```

- Synchronise as described Synchronize read-only copy on AFS after checking

## Checks to see if all went well

- There should be a file containing the certificate for the VOMS server under

```
$INSTALL_ROOT/etc/grid-security/vomsdir
```

- There should be a directory `$INSTALL_ROOT/edg/etc/<VO-NAME>` containing the RB configuration file
  - ◆ `edg_wl_ui.conf`
- There should be a directory `$INSTALL_ROOT/glite/etc/<VO-NAME>` containing the WMS configuration files
  - ◆ `glite_wms.conf`
  - ◆ `glite_wmsui.conf`

- There should be a line corresponding to the new VO in the file

```
$INSTALL_ROOT/glite/etc/vomses
```

associating the VO to its VOMS server

## Reconfiguring an existing VO

To reconfigure parameters for a VO you must edit the following files directly

```
$INSTALL_ROOT/edg/etc/<VO-NAME>/edg_wl_ui.conf  
$INSTALL_ROOT/glite/etc/<VO-NAME>/glite_wms.conf  
$INSTALL_ROOT/glite/etc/<VO-NAME>/glite_wmsui.conf
```

- Synchronise as described Synchronize read-only copy on AFS

**Note:** Remember to change the corresponding variables inside the `site-info.def` file!

-- JuditNovak - 04 Oct 2007

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This topic: LCG > LcgAfsUiAddVO

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