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The Easy SAM Portal

Installation

You can get Easy SAM portal packages via the following methods:

- Packages are available on CERN afs.

```
/afs/cern.ch/project/gd/www/gergo/rpms/lcg-sam-server-easyportal-x.x.x-x.noarch.rpm
```

For this you need to have afs access but ticket is not necessary.

- Alternatively you can simply wget it.

```
wget http://grid-deploymentweb.cern.ch/grid-deployment/gergo/rpms/cg-sam-server-easyportal-x.x.x-x.noarch.rpm
```

Configuration

Configuration steps includes setting up the oracle environment, connect string , db and passwords. Precise description in the README file included in the package. It contains usually the followings:

- Install the rpm `lcg-sam-server-easyportal`
- Install `perl-DBI`, `perl-DBD-Oracle`, `lcg-CA`, `httpd`, `mod_ssl`
- In `/opt/lcg/same/server/easysam/html/easysam.pl` change the

```
my $dbuser="samuser";  
my $dbpassword="sampassword";  
my $dbname="samdatabase";
```

variables according to your needs.

- In `/etc/httpd/conf.d/ssl.conf` set

```
SSLCertificatePath /etc/grid-security/certificates  
SSLCARevocationPath /etc/grid-security/certificates  
SSLVerifyClient require
```

and in `/etc/httpd/conf/httpd.conf` include

```
AddHandler cgi-script .cgi
```

- Restart `httpd` daemon

```
/etc/init.d/httpd restart
```

- Go to `https://<your_node's_name>/easysam/`

Modified Database

Easy SAM Portal is able to interpret a slightly modified version of the SAM Portal.

- The `IsDeleted` field of the `Service` and `TestDef` tables are taken into account, thus deleted services and tests are not shown.
- If there is a `SubmitterDN` or a `SubmitterAlias` defined among the `TestEnvVars` than it's value is shown, so it is possible to know who submitted the test.

Running on the old database requires only 2 line modification in the code.

Instances

There is a running Easy SAM Portal instance for the Certification Testbed at <https://lxb0714.cern.ch/easysam>

Contact

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