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WMS enabled with SBGrid VO for WeNMR testing job submission to OSG

prod-wms-01.pd.infn.it is an EGI production EMI-WMS that can be used by WeNMR for job submission to OSG sites through the VO SBGrid (with /SBGrid/WeNMR VOMS proxies) or through VO enmr.eu.

How to configure this WMS in order to enable the SBGrid VO

- add in yaim variable VOS the VO "sbgrid" (small letters) in gw-master:/opt/nfs_install/3_1/nodes/prod-wms-01.pd.infn.it and reconfigure
- copy from the following directory with small letters:

```
cp -r /etc/grid-security/vomsdir/sbgrid /etc/grid-security/vomsdir/SBGrid
```

- add the following lines in files grid-mapfile e voms-grid-mapfile in /etc/grid-security/ (already there as sbgrid in small letters)

```
"/SBGrid/*/Role=NULL/Capability=NULL" .sbgrid
"/SBGrid/*" .sbgrid
"/SBGrid/Role=NULL/Capability=NULL" .sbgrid
"/SBGrid" .sbgrid
```

- add the following lines in file /etc/grid-security/groupmapfile (already there as sbgrid in small letters)

```
"/SBGrid/*/Role=NULL/Capability=NULL" sbgrid
"/SBGrid/*" sbgrid
"/SBGrid/Role=NULL/Capability=NULL" sbgrid
"/SBGrid" sbgrid
```

- add in file /etc/glite-wms/glite_wms_wmproxy.gacl

```
<entry>
<voms>
<fqan>SBGrid/*</fqan>
</voms>
<allow>
<exec/>
</allow>
</entry>
<entry>
<voms>
<fqan>SBGrid</fqan>
</voms>
<allow>
<exec/>
</allow>
</entry>
```

- add the file /etc/grid-security/vomsdir/hpc.sbgrid.org.pem (obtained through the command openssl s_client -ssl3 -connect hpc.sbgrid.org:15002 | openssl x509)

-- MarcoVerlato - 2012-07-18

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