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Prerequisites

Two things usually need to be checked (se also sysadmin guide for the complete list):

- Command *hostname* should return a Fully Qualified Domain Name (FQDN). So check **/etc/hosts**
- Check that the fs support the extended attribute and the ACL. Example:

```
[~]# vi /etc/fstab
...
/dev/hda3      /storage ext3 defaults,acl,user_xattr 1 2
...
```

Siteinfo example files

FrontEnd

```
#### Storm FE siteinfo ####

## MANDATORY parameters
STORM_DB_PWD=<write a valid pwd>

## REQUIRED parameters (!= defaults)
STORM_DB_HOST=cream-51.pd.infn.it
STORM_FE_BE_XMLRPC_HOST=cream-51.pd.infn.it

### Why we need it? Is it a bug?
STORM_FRONTEND_PORT=8444

# overwrite siteinfo def variables
STORM_DEFAULT_ROOT=/storageArea
```

BackEnd and others...

```
#### Storm BE siteinfo ####

## MANDATORY
STORM_BACKEND_HOST=cream-51.pd.infn.it
STORM_DEFAULT_ROOT=/storageArea
VOS="cms dteam infngrid testers.eu-emi.eu"
STORM_DB_PWD=<write a valid pwd>
STORM_CMS_ONLINE_SIZE=1
STORM_DTEAM_ONLINE_SIZE=1
STORM_INFNGRID_ONLINE_SIZE=1
STORM_TESTERSEUEMIEU_ONLINE_SIZE=3
STORM_TESTERSEUEMIEU_NO_VOMS_ONLINE_SIZE=1

## REQUIRED (!= default values)
STORM_DB_HOST=${STORM_BACKEND_HOST}
STORM_FRONTEND_HOST_LIST=cert-18.pd.infn.it
STORM_FRONTEND_PUBLIC_HOST=cert-18.pd.infn.it
STORM_GRIDHTTPS_ENABLED=true
STORM_GRIDHTTPS_SERVER_USER_UID=91
STORM_GRIDHTTPS_SERVER_GROUP_UID=91
STORM_GRIDHTTPS_SERVER_HOST=${STORM_BACKEND_HOST}
STORM_INFO_HTTP_SUPPORT=true
STORM_INFO_HTTPS_SUPPORT=true
#STORM_STORAGEAREA_LIST="$VOS testers.eu-emi.eu_no_voms"

## Added
GRIDFTP_WITH_DSI="yes"
STORM_STORAGEAREA_LIST="$VOS testers.eu-emi.eu_no_voms strangeName"
STORM_GRIDFTP_POOL_LIST=${STORM_BACKEND_HOST}

STORM_DEFAULT_PATH=/provola

## https service
STORM_GRIDHTTPS_PLUGIN_CLASSNAME=it.grid.storm.https.GhttpsHTTPSPluginInterface
STORM_GRIDHTTPS_SERVER_PORT=8088 #####

STORM_STRANGENAME_ONLINE_SIZE=2

STORM_STRANGENAME_ROOT="/provola/strangename"
STORM_STRANGENAME_ACCESSPOINT="/surprise"
STORM_STRANGENAME_VONAME="testers.eu-emi.eu"
```


Workaround and Known issues

xml-common-apis

If at the end of the yaim configuration you see this error:

```
Starting tomcat5: /usr/bin/rebuild-jar-repository: error: Could not find xml-commons-apis Java ex  
/usr/bin/rebuild-jar-repository: error: Some detected jars were not found for this jvm
```

Install this rpm: **xml-commons-apis**

Testing Tip&Tricks

--novoms testsuite section

To use the **--novoms** parameter of the testsuite you need to modify before the `_`
`/etc/storm/backend-server/namespace.xml` file on the BE: remove the *vo-name* entry from the application
rule: *testers.eu-emi.eu_no_voms-rule*

```
--- /etc/storm/backend-server/namespace.xml 2012-03-02 15:23:37.000000000 +0100
+++ /etc/storm/backend-server/namespace.xml.old 2012-03-02 15:22:09.000000000 +0100
@@ -305,6 +305,7 @@
     <app-rule name="testers.eu-emi.eu_no_voms-rule">
       <subjects>
         <dn>*</dn>
+    <vo-name>testers.eu-emi.eu_no_voms</vo-name>
       </subjects>
       <approachable-fs>TESTERSEUEMIEU_NO_VOMS-FS</approachable-fs>
     </app-rule>
```

This topic: [IGIRelase > StormTipTricks](#)

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