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# CDB & Sindes Modifications

This needs more adding to it. SteveTraylen , 13 Aug 2008

## To Modify CDB templates

*Requirements : lxadm account, write access to CDB*

Note : All things are done from a lxadm node (lxadm[01-03]).

Run *cdbop* :

- get <file>
- vi <file>
- ...
- update <files>
- commit (Warning: can be long, even when there are only few changes)

Once done, you have to reconfigure corresponding node's components (spma, sindes, ...). So the following commands must be executed on the affected nodes :

- ccm-fetch
- ncm-ncd --configure <component>

For *spma*, a simpler way would be to execute '*spma\_wrapper.sh*' which does all. You can do it from a lxadm node, and even for several nodes at the same times.

To do it to all *gridvoms* cluster (voms101, voms102, voms103) :

- wssh -c gridvoms -l root 'spma\_wrapper.sh'

To do it to several nodes (part of a cluster, or on several clusters) :

- wssh root@voms10[2-3] 'spma\_wrapper.sh'

## To upload a RPM package into Quattor repository

*Requirements : lxadm account, Nice account*

Note : All things are done from a lxadm node (lxadm[01-03]).

```
swrep-soap-client put i386_slc3 /cern/cc <rpms>
```

The login/password couple required in the Nice one.

## Use sindes for yaim secrets

This is where the db passwords are stored.

```
$ mkdir yaim-secrets
$ scp root@voms115:/etc/yaim.secretpasswords yaim-secrets
$ Add the extra lines you need.
$ tar cvfz yaim-secrets.tgz yaim-secrets
```

```
$ sindes-upload-file -f yaim-secrets.tgz -i yaim-secrets -t voms115 -s node -S sindes-server
```

## To use Sindes to store grid certificates

*Requirements : lxadm account, Write access to Sindes*

*Note : All things are done from a lxadm node (lxadm[01-03]).*

First of all, you have to make an archive in which the node grid certificates will be in a sub-directory named *grid-host-certificates*.

On the node :

- `cd /tmp`
- `mkdir grid-host-certificates` (Warning: the name of this directory is very important !)
- `cp /etc/grid-security/host{cert,key}.pem grid-host-certificates/`
- `tar zcf grid-host-certificates.tar.gz grid-host-certificates/`

Then you can you have to copy this archive on AFS or directly on the lxadm node.

Now, you just have to do :

- `sindes-upload-file -f <archive> -i grid-host-certificates -t <node> -s node -S sindes-server`

## To use Sindes to store SSH keys

*Requirements : lxadm account, Write access to Sindes*

*Note : All things are done from a lxadm node (lxadm[01-03]).*

First of all, you have to make an archive in which the host SSH keys will be in a sub-directory named *ssh\_key*.

On the node :

- `cd /tmp`
- `mkdir ssh_key` (Warning: the name of this directory is very important !)
- `cp /etc/ssh/ssh_host_* ssh_key/`
- `tar zcf ssh_key.tar.gz ssh_key/`

Then you can you have to copy this archive on AFS or directly on the lxadm node.

Now, you just have to do :

- `sindes-upload-file -f <archive> -i ssh_key -t <node> -s node -S sindes-server`

-- Main.rmollon - 05 Apr 2007

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This topic: LCG > VomsCdbSindes

Topic revision: r4 - 2010-09-13 - SteveTraylen



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