# MES Sys Admin procedures

### Server room key

* Top drawer in Miljenko’s office, with sticker
* Miljenko
* Etel
* IT guys

### IT cage

* 35 – 5 – 0

## Mongo servers

### Putty

avolos / GLOmesJUNKIE!@#

### Start-up

**// Mounted drives**

>df -h

**//Mount the drive CALSERVER07**

>sudo mount –t ext2 /dev/sdb1 /media

**//Mount the drive CALSERVER06**

>sudo mount –t ext2 /dev/sdb5 /media

**// Mount share on calserver03 for backup on calserver06**

>sudo mount -t cifs -o 'username=aleksandar.v,password=1Kobra!,dom=QUNANO,uid=1001,gid=1001' //192.168.20.22/MES\_Backups /mnt/globackup

**//Make sure mongodb.conf is set**

//Change /etc/mongodb.conf file for dbPath and logPath to point to /media/mongodb

**//Start mongodb as service**

>sudo service mongodb start

**//check db is running**

>mongo glo

**//configuring master/slave**

>login into slave

> sudo vi /etc/mongodb.conf

> Comment two entries on the bottom (slave = true && source address)

Inside vi editor:

:w! to save

:q! to quit

>restart mongo service for this to take effect

**GLO PROJECT:**

Go to [\\calserver03\c$\usr\local\jd\conf](file:///\\calserver03\c$\usr\local\jd\conf) on all web servers

Edit glo-config.properties

Set mongoDataSourceUrl to master’s IP address

**GLOREPORT PROJECT:**

Ensure master is identified in DataSource.groovy

### Backup

<http://docs.mongodb.org/manual/tutorial/backup-databases-with-binary-database-dumps/>

**//DB is in /media/mongodb**

>mongodump --out /media/dump

### Health check

1. Use mongo shell to connect to glo database and show collections
2. Use “to-be-developed” script to check the database health status… some google results:

<http://chandrashekhar-dehankar.blogspot.com/2012/03/description-script-will-search-for-any.html>

mongostat -n 1

rs.status()

## Web servers

1. Stop Tomcat service
2. Delete “glo” folder
3. Replace WAR file
4. Start Tomcat service

### WAR file locations

\\calserver02\c$\Program Files\Apache Software Foundation\Tomcat 6.0\webapps

\\calserver03\c$\Program Files\Apache Software Foundation\Tomcat 7.0\webapps

\\calserver04\c$\Program Files\Apache Software Foundation\Tomcat 7.0\webapps

### Health check

[http://calserver03:8081](http://calserver03:8081/)

<http://calserver04/>

admin / 1

C:\Program Files\Apache Software Foundation\Tomcat 7.0\logs

<http://calserver03/glo>

<http://calserver04/glo>

## Automation servers

Do we need Greg to document any of his stuff here

## Notifications

We should have some monitoring tools running and notifying us on issues in real-time.

## SQL servers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Instance** | **Host** | **User** | **Pswd** | **Schema** |
| Production | calserver04:3306 | root | mysql | glo |
| Test | calserver03:3306 | root | mysql | glo |