GestióIP 3.2 Configuration Management Module quick start guide v0.5

1) Prepare the GestióIP server:

Install the Backup Server software on the GestióIP server:
Consult the "[Configuration Management User Guide](#) – Chapter 6" for Linux distribution specific installation instructions.

Try if the Backup Server software works as expected:
If you use a TFTP server, create a file in the tftpboot directory first:
E.g. Ubuntu:
$ sudo touch /var/lib/tftpboot/backup_test.bck
$ sudo chmod 777 /var/lib/tftpboot/backup_test.bck

Connect from a terminal of the GestióIP server to a device (with telnet or SSH) and make a manual backup (replace 1.2.3.4 with the IP of the GestióIP server and use "backup_test.bck" as filename).
E.g. Cisco IOS

```
router# copy running-config tftp:
Address or name of remote host []? 1.2.3.4
Destination filename [router-confg]? backup_test.bck
!!
1030 bytes copied in 2.489 secs (395 bytes/sec)
router#exit
```

Check if the configuration was correctly saved (cat /var/lib/tftpboot/backup_test.bck)

If this works, go to step 2)

2) Configure the Network Configuration Management Module from GestióIP's web interface

Enable the Network Configuration Management Module
manage → GestióIP
- change "configuration management support" to "yes"
- introduce license key
- click "set" to save the changes
- click the "network" item in the top menu to make the new "CM" item appear

Create Device User Groups
The *Device User Groups* hold the credentials to access to the devices
CM → *Device User Groups*

Create Backup Servers
The *Configuration Backup Servers* are used to store the configuration backups/command outputs of the devices.
CM → *Configuration Backup Server*

Create Job Groups (optional)
Job Groups are used to group Jobs to execute them by the same task.
CM → *Job Groups*

Configure CM for devices
All device specific CM configuration is made from the host-edit-form. To access to the host-edit-form execute a search for the host or click "networks" → click over the adequate network → click the host "edit"-symbol.

Configure host specific CM parameters:
- Check the checkbox "enable configuration management"
- Select the adequate *Device Type Group* for the device (*Device Type Groups* are defined in the XML files under /usr/share/gestioip/var/devices – if there is no predefined *Device Type Group* for you device model available you can create a new XML file by yourself or send a XML file creation request to contact@gestioip.net)
- Select the adequate *Device User Group*
- Select a *Connection Protocol* (with which the server connects to the device)
- Select a *Configuration Backup Server*

Assign Jobs to the device:
- Select a *Job* (the device model specific Jobs are defined in the *Device Type Groups* XML files – if there is no adequate predefined Job you can define your own, custom *Jobs*)
- Insert a description
- Select a *Job Group*

Job Management

Access to the Job Management for a specific device by clicking over the coloured symbol of the CM column from host-list-view.
The Job Management page allows to
- execute Jobs manually
- show job execution logs
- show the backuped configurations/command outputs
- diff configurations/command outputs
- search through configurations/command outputs

Job automation
Jobs are executed by the script /usr/share/gestioip/bin/fetch_config.pl.
Create cron-jobs to run the script automatically.

Consult the [GestióIP Configuration Management User Guide](#) for detailed information.