

## GestióIP 3.2 Configuration Management Module quick start guide v0.4

### 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 licence 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](mailto: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 backedup 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.