

The Linux version of C-Monitor is mainly intended for monitoring of servers, therefore it was necessary, that the installation could be performed remotely through a text terminal, i.e. in text mode.

The installation file is usually named *CMonitor-LinuxFreeBSD-installer-and-update<version>.sh*. In the following we will consider C-Monitor version 2.6.5014.0, so the name of the installation file is *CMonitor-LinuxFreeBSD-installer-and-update2.6.5014.0.sh*.

When the installation file is successfully saved in the current directory, we shall launch the installation process, the easiest way is by the command **sh CMonitor-LinuxFreeBSD-installer-and-update2.6.5014.0.sh**

Usually, not all dependencies are fulfilled at the first installation, so the system will offer automatic installation of the required packages for a supported OS. The situation on the screen may look like this:

*CMonitor Installer*

*Checking OS version... SUPPORTED (Linux Ubuntu 10.04)*

-----  
*Checking dependencies*  
-----

*Checking for java... found 1.6.0\_20*

*Checking Java VM... OpenJDK*

*Checking for smartctl... NOT FOUND*

-----  
*Installing required packages*  
-----

*OS: Linux Ubuntu 10.04*

*Command:*

*apt-get update*

*apt-get install \*

*openjdk-6-jre \*

*coreutils grep \*

*gawk bc procps net-tools \*

*dmidecode smartmontools sysstat \*

*bwm-ng*

*Execute command? [n]:*

Installation of the required packages is confirmed by pressing y and *ENTER*. When the packages are successfully installed, the installation will automatically re-run and all dependencies are checked

again. If they're all met, the process will continue by the very installation. After copying all files and launching c-monitor's daemon, if the cmonitor wasn't registered yet, the process of registration to CM server will now start. In each step, enter the required registration information.

-----  
*Registering copy*  
-----

*CM Server [cmportal.eu]:*

*Customer name []:*

*Computer ID in predefined format [xxxyynn]:*

*1 - Desktop BASIC*

*2 - Desktop STANDARD*

*3 - Server / Desktop PREMIUM*

*Choose licence type [3]:*

*1 - Non-stop running, critical e.g. server*

*2 - Non-stop running, non-critical*

*3 - Normally used, e.g. workstation*

*4 - Occasionally turned on*

*Priority number [1]:*

*Name of user of this computer []:*

*E-mail of user of this computer []:*

*Phone number of user of this computer []:*

*Computer location []:*

The C-Monitor version has to be registered to CM server only at the first installation.

After successful registration, you'll see this message:

**cmonitor-ctrl: Daemon answered: (OK) Registration succesfull, CMonitor is running.**

C-Monitor will automatically begin to communicate with the CM server

## **Temporary elusion of problems with external dependencies**

If for some reason certain external dependencies cannot be solved and installed easily, some might be skipped during the check.

The installation bust be launchedwith the option -i, hence by the command

```
sh CMonitor-LinuxFreeBSD-installer-and-update2.6.5014.0.sh -i
```

In this mode, certain system information will not be collected, although CMonitor will run in a basic mode.

The check of dependencies and automatic installation of required packages may be performed later by the command

```
cmonitor-resolvedeps
```

## Verification of the installed version

To verify functional communication, look either into CMonitor's log, or check on the CM server web.

The path to the log is

```
/var/log/cmonitor/cmonitor.0.log
```

Pri úspešnej komunikácii sa v logu objavujú hlášky napríklad:

```
22.11.2010/17:29:56 INFO HttpThread: req:1/Ok
```

```
22.11.2010/17:30:02 INFO HttpThread: req:2/Ok
```

```
22.11.2010/17:30:07 INFO HttpThread: req:3/Ok
```

The second option is to look up the registered computer on CM portal. According to the next image, in the section *Admin zone -> Main menu -> Computers -> search for a concrete computer using the upper filter*. If the PC is online, the field in the column *Last connection with CM* is highlighted in light-blue.

X	Id	CM-ID počítača	Meno počítača v sieti	Umiestnenie počítača	Používateľ	Spoločnosť	Aktuálny stav	Registrácia počítača v CM	Licencia CM	Posl. odoslaný email do CM	Posl. online spojenie s CM
	8299	COMPC00	cmonitor-ub05.sh.local	-	-	TestCompany - vývoj CM LINUX	Funkčný	19.07.2012	Server / Desktop PREMIUM (Linux Ubuntu 8.04)	22. Nov 2012 16:03:35	22. Nov 2012 16:18:42

Image: Overenie správnej funkčnosti C-Monitor Linux klienta

Date:

10/04/2012



[1]

## Links

[1] <https://customermonitor.eu/sites/default/files/linux.png>