

Some programs' function can be monitored indirectly by changes of certain files (e.g. their size changes, or date of the last entry into the file, or a certain minimal size may be required). If they change, then it's very likely, that the given process is functional and there's almost no risk of a serious failure.

This method can be used to check function of camera systems, voice records, exports from database. The check will be provided in your adjusted intervals, and already after second execution, if the monitored file hasn't been changed, a message informing about this state will be generated.

[Setup of monitoring of changes](#)

[View of changed files on CM portal](#)

[Notification in errors](#)

Setup of monitoring of changes

The setup is performed through the wizard in C-Monitor Console schedule, choosing the function Files WatchDog.

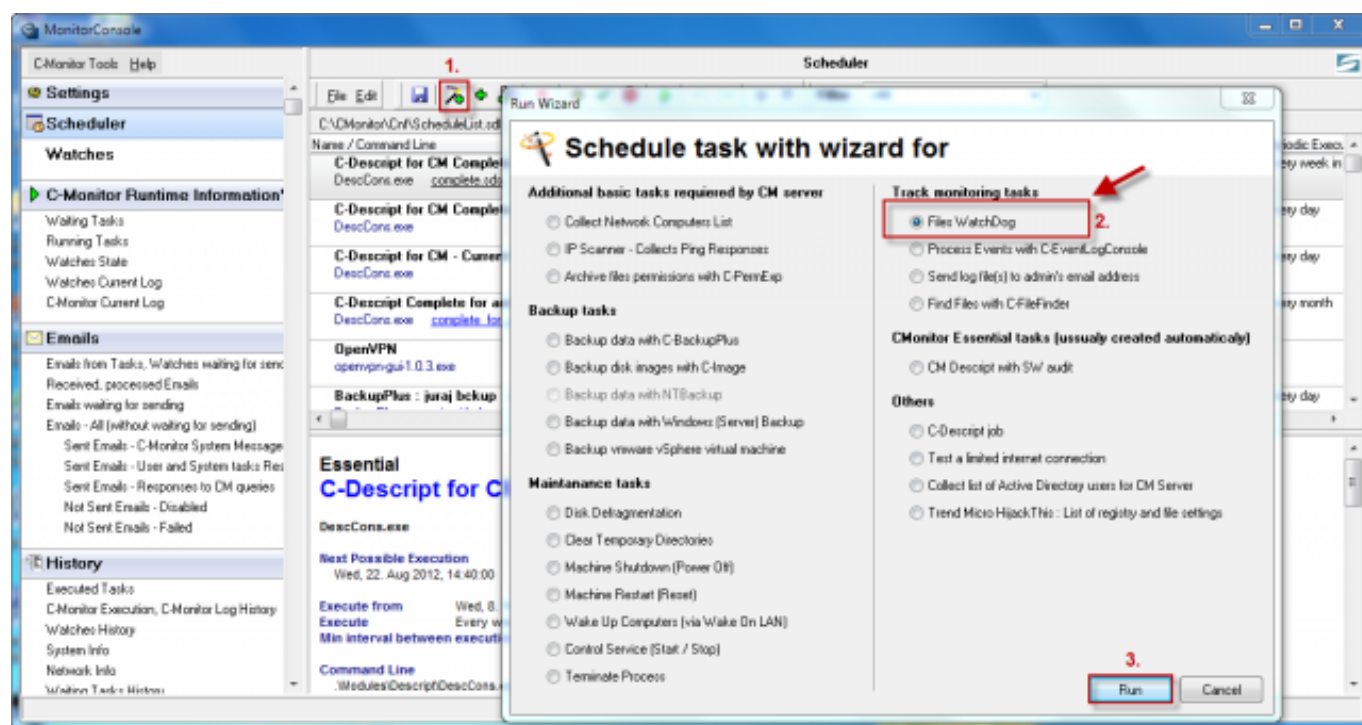


Image: Spustenie wizarda na nastavenie sledovania zmien súborov

After pressing Run, the wizard for setup of the task for monitoring of file changes will open. In the first window, define the directories, whose changes you want to check.

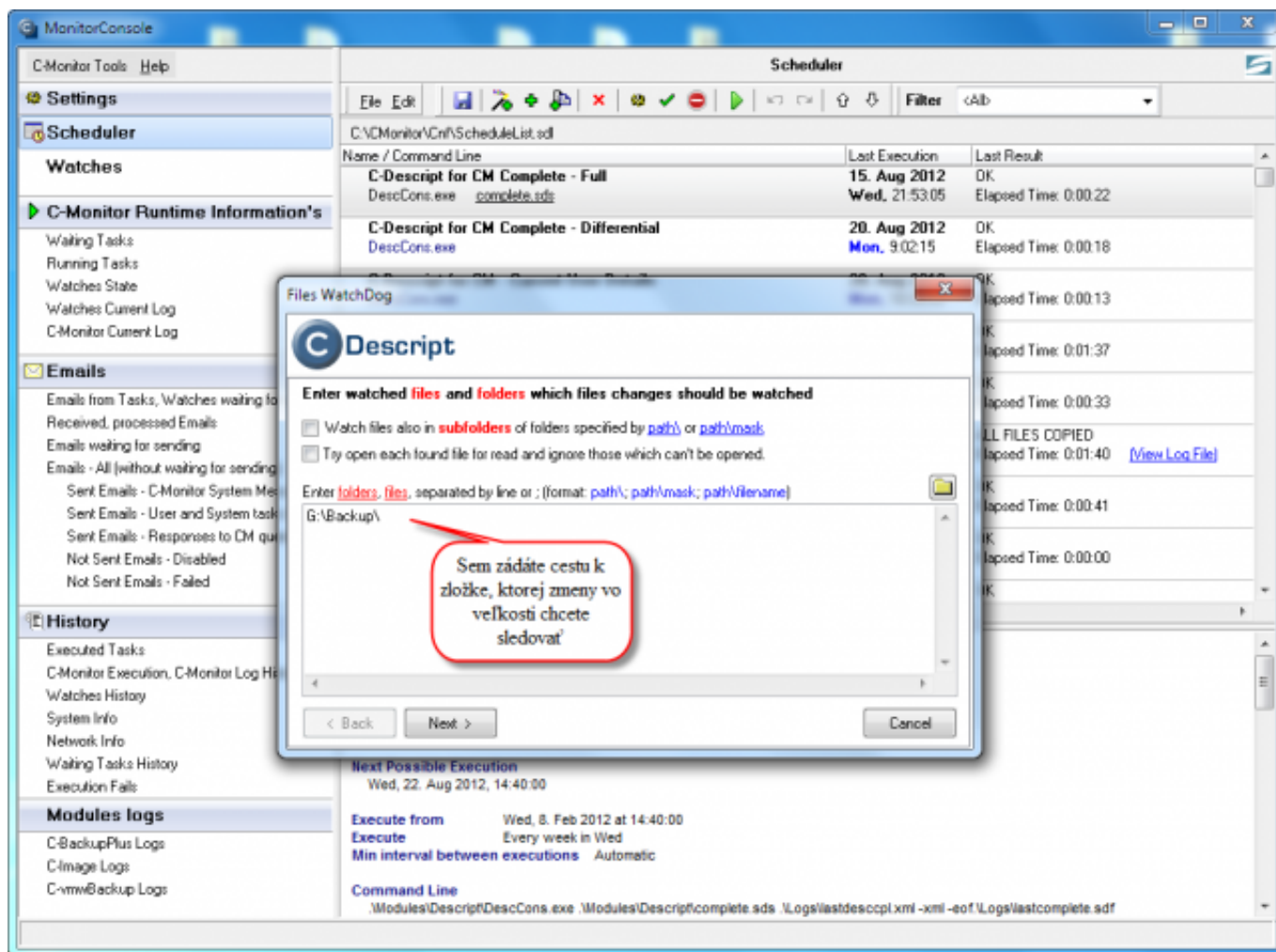


Image: Zadáte si cestu k zložke, ktorej zmeny vo veľkosti chcete sledovať

On the next image is an option to more specifically define the changes, which must occur in the directory, for the state to be evaluated as OK. You can define minimal, maximal sizes, by which the directory must change etc.

Files WatchDog

Descript

☒ Use extended conditions for changed files based on the file name mask, file size, total count and total size of changed files. If these conditions will not be met, output will be empty.

File Name Mask (like C-BackupPlus) e.g. *.txt	Min. File Size	Max. File Size	Min. Changed Files Tot. Count	Min. Changed Files Tot. Size
.*	2GB			

< Back Next > Cancel

Nastavenie minimálnej zmeny sledovaného súboru

Image: Detailnejšie nastavenie zmeny sledovaného súboru, minimálna, maximálna zmena a pod.

In the next window, define rules for the monitored files, in our case, we've set a rule that all files in the directory are monitored.

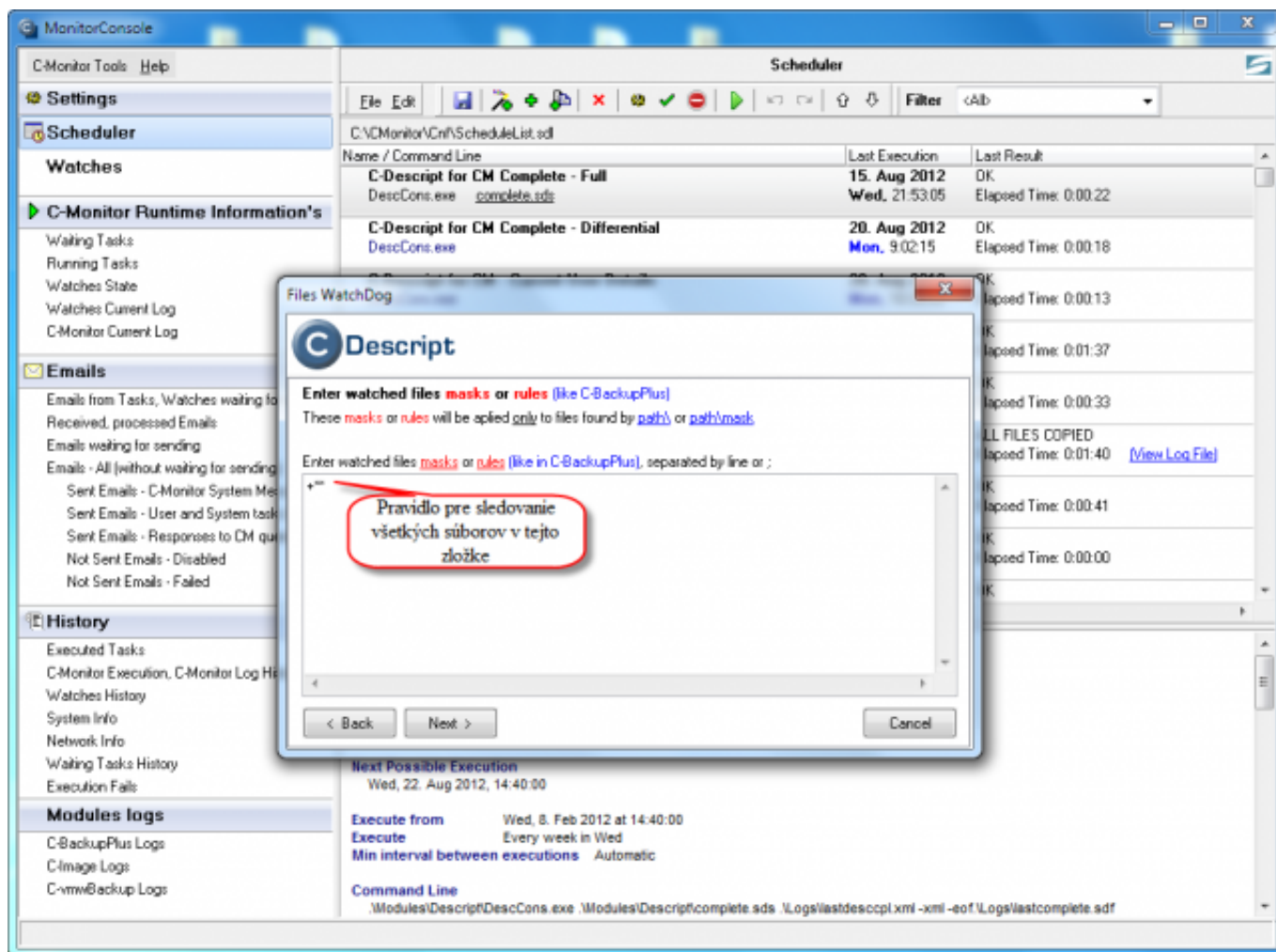


Image: Nastavíte si pravidlá, ktoré súbory v zvolenej zložke sa majú kontrolovať

Don't tick the option „Save full script result to C-Descript file (*.sdf) with name specified below.“ in the wizard, unless you fully understand it and want to use it. The same goes for all of the wizard's options - those you don't understand, you should keep on the default values.

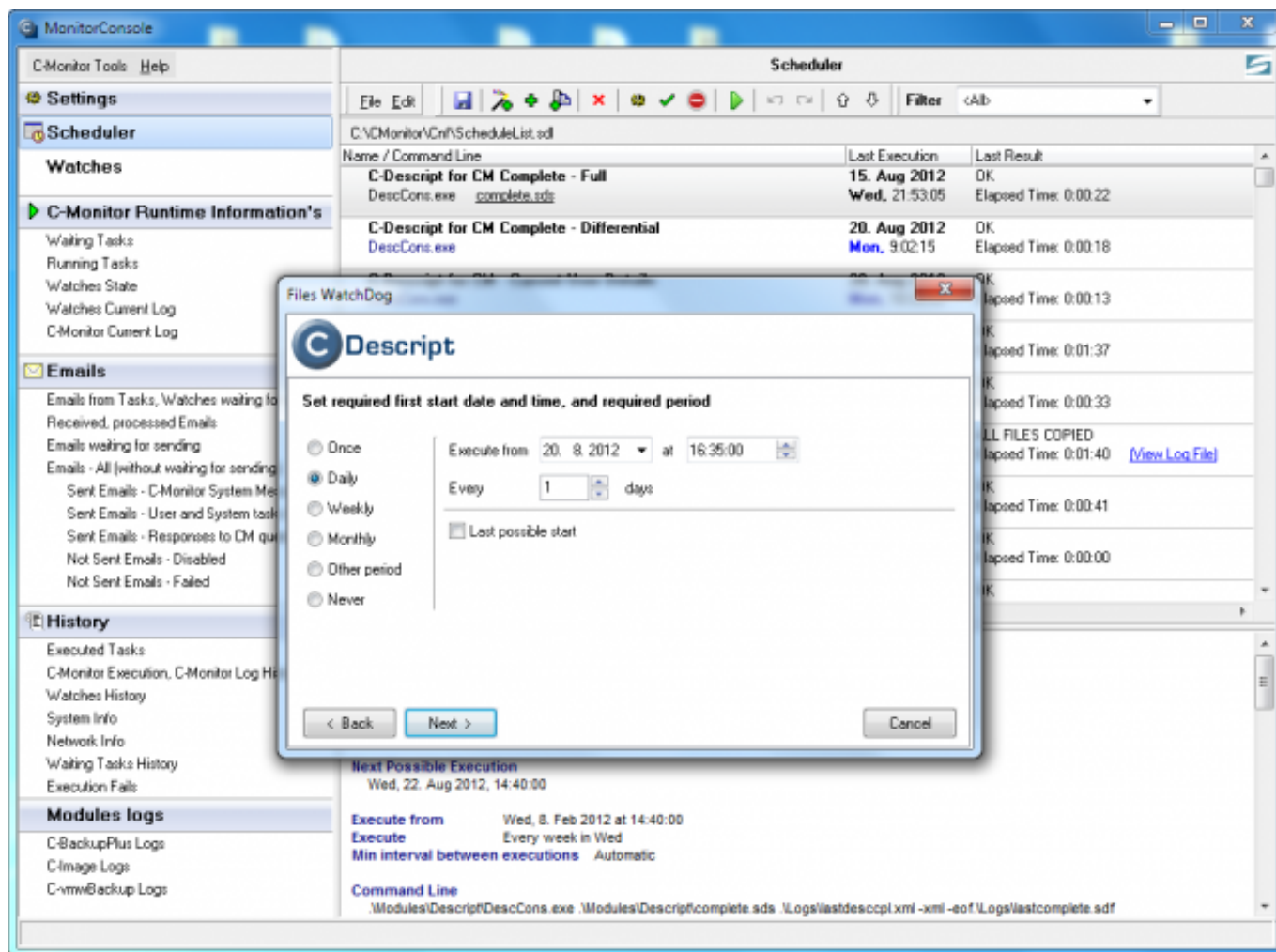


Image: Nastavenie pravidelného spúšťania úlohy

The interval, which you will enter is your required verification period. Notification about failure will be received immediately after the first recognition, that the files were not changed, so define such period, that you can be sure that the change already happened and the check won't run earlier.

Note: The first execution serves to remember the state, and the very execution is carried out after the second launch in order.

The next wizard windows are illustrated and described on the images below.

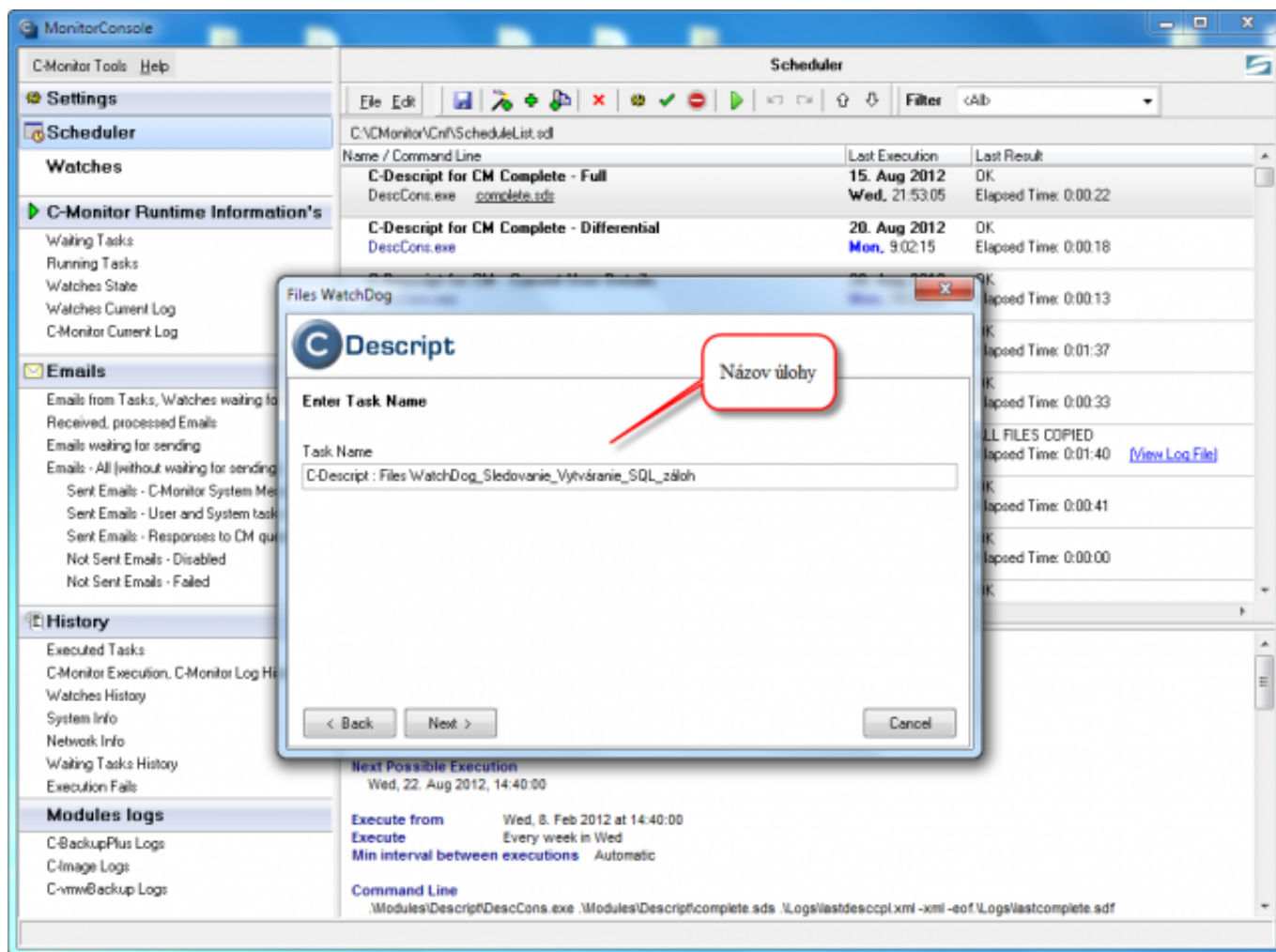


Image: Nastavenie názvu úlohy

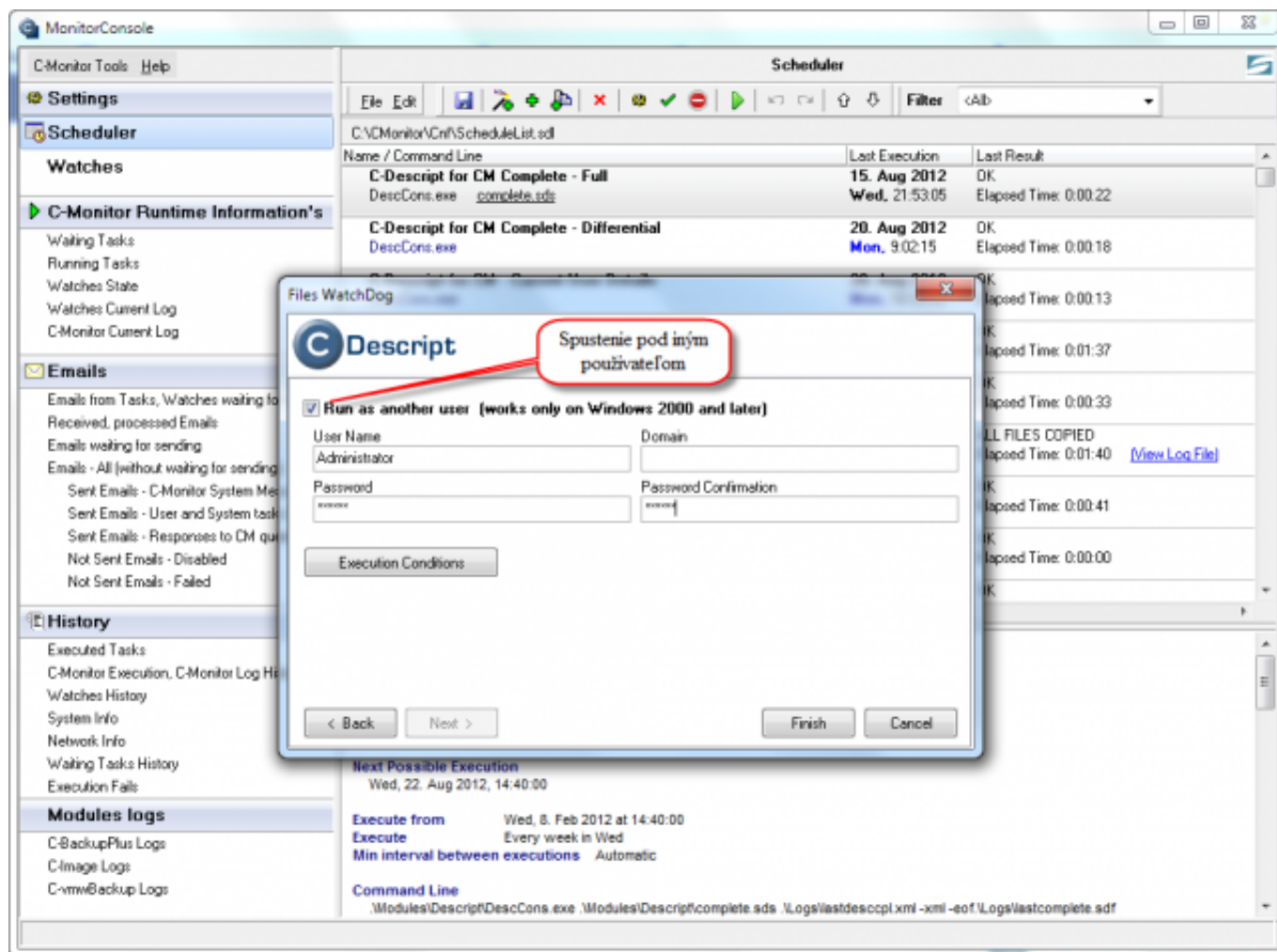


Image: Spúšťanie úlohy pod iným používateľom

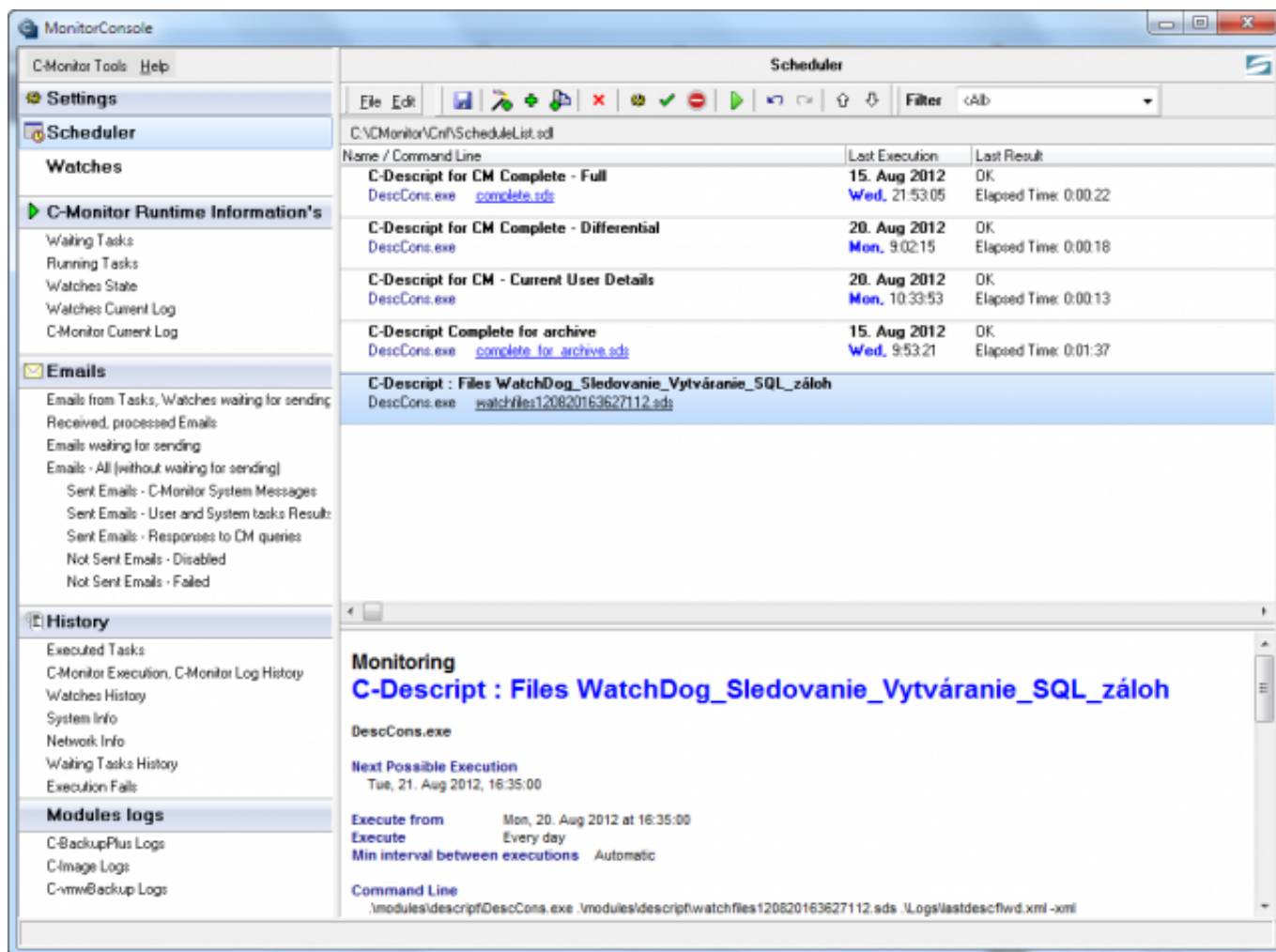


Image: Úloha je úspešne pridaná do schedulera, zmeny potvrdte uložením

View of changed files on CM portal

The resulting report of changed files is displayed on CM portal, in the section Presentation and Evaluation -> Presentation -> Zones -> Monitored files. Here you can find overview of settings and also the log file of changed files.

Zóny

Sledované súbory [zobrazené 2 položky]

Descript 1	Descript 2	History	Network Name	User	Location	Task name	Status	Path 1	Changed files 1	Rules 1	Check subfolders 1	Log file 1
1. DCISV005	2. DCISV005	Show history	CAMCO	Canca Server	Rack u autorizérov	Files WatchDog - Linka 61 - Zaznam telefonny ARMAC	OK	C:\Program Files\Asterisk\Stack\STACK.DBA	41	u**	No	Log zo sledovania
1. DCISV005	2. DCISV005	Show history										

Image: Sledovanie zmien súborov na CM portáli

Notification in errors

In errors (Presentation and Evaluation -> Warnings -> Errors), is information about failures in changes of the monitored files, which for instance notify about malfunction of backup or a camera system.

Poruchy

Zoznam poruchových stavov [zobrazené 4 položky]

X	Id	Úroveň	Trvanie poruchy	Popis poruchy	Název diskry z rozvrhu C-Monitora	Dátum posledných zmien alebo predpokladanej dátum ďalšieho descriptu	CM-ID počítača	Mono počítača v sieti	Používateľ	Spoločnosť
	13614221	●	2h 3m 28s	Sledované súbory - sledovanie zón	C-Descript : Files WatchDog_Sledovanie_Vytr	Last changes - 11. Feb 2012 15:24:35	SEAM002	JURAJ-HP	Juraj	IT Services, s.r.o.
	13611264	●	1d 10h 5m 56s	Sledované súbory - sledovanie zón	Files WatchDog na SQL zálohy	Last changes - 18. Aug 2012 17:35:21	SMARTSQL	SMARTSQL	SQL server pre GI	Service spol. s r.o.
	13601715	●	19d 15h 16m 48s	Sledované súbory - sledovanie zón	watchdog - zloha-databaza-intranet - mesacna	Descript expected - 1. Aug 2012 28:17:27	FUTPC16	FUTPC16	backup pc	IT Services, s.r.o.
	13564714	●	46d 15h 32m 38s	Sledované súbory - sledovanie zón	WatchDog - Mana	Last changes - 4. Jul 2012 19:00:04	BCHSV01	PSCZE	Server DC, FS, DWS	HJB

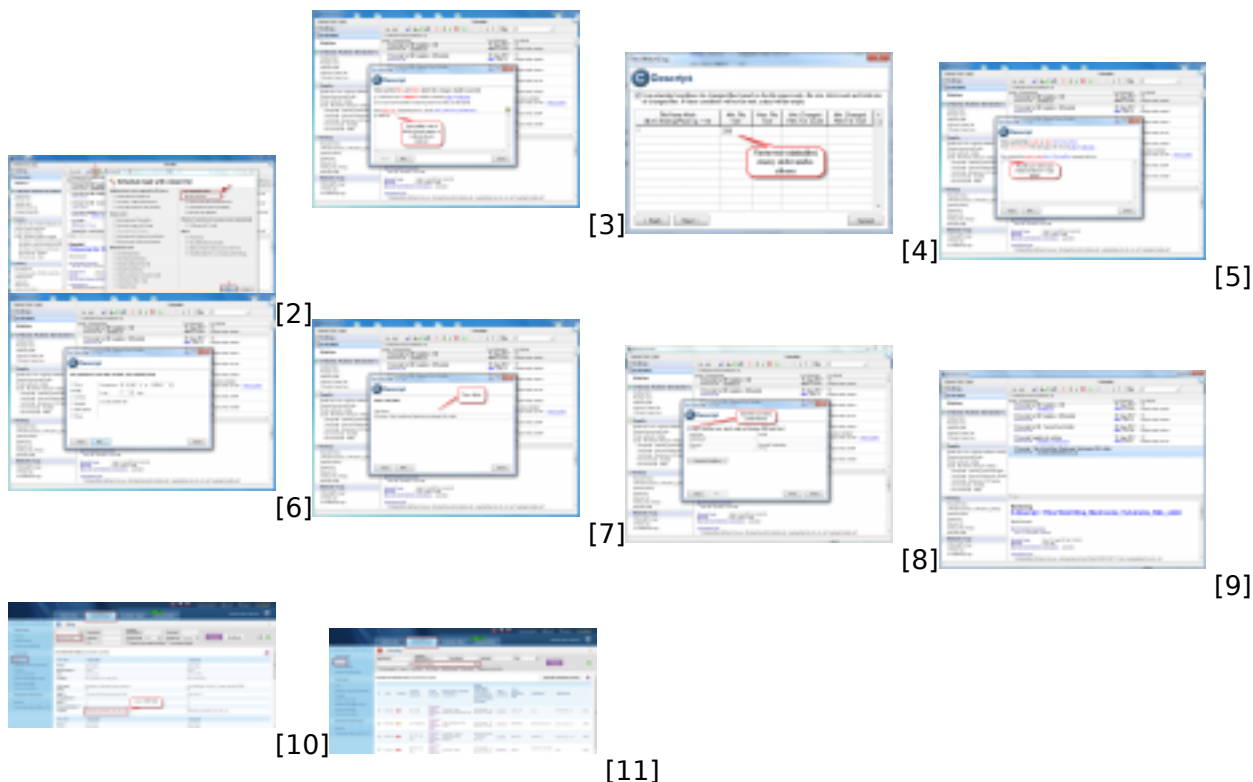
Image: Zobrazenie chybných stavov sledovanie zmien súborov v poruchách

Date:

03/03/2012

External Links:

[Logy z 3rd-party programov \(externé programy\)](#) [1]



Links

- [1] <https://customermonitor.eu/node/573>
- [2] https://customermonitor.eu/sites/default/files/1_31.png
- [3] https://customermonitor.eu/sites/default/files/3_19.png
- [4] https://customermonitor.eu/sites/default/files/2_26.png
- [5] https://customermonitor.eu/sites/default/files/6_16.png
- [6] https://customermonitor.eu/sites/default/files/8_15.png
- [7] https://customermonitor.eu/sites/default/files/9_13.png
- [8] https://customermonitor.eu/sites/default/files/10_13.png
- [9] https://customermonitor.eu/sites/default/files/11_15.png
- [10] https://customermonitor.eu/sites/default/files/log_0.png
- [11] https://customermonitor.eu/sites/default/files/chyby_3.png