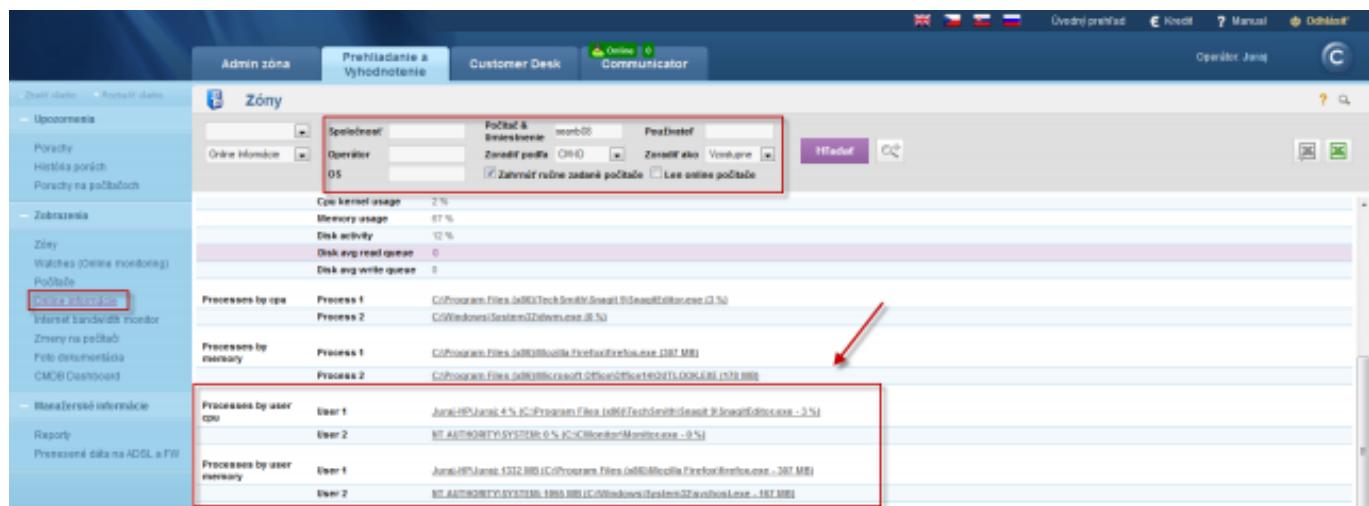


These improvements will quickly help you to determine processes, which load out the terminal server's RAM and CPU the most, dividing them by specific users, so that you're able to immediately react and notify the user, or possibly to automate solutions of overloading - setting the processes, which most load out the terminal server, to be automatically turned off by Watches.

There are two places to view load of terminal servers :

View in Online information load by TOP users

In the section Online information, you get instant information about two processes, which load CPU and RAM the most, also assigned to the user, who executed these processes



Process by user	User	Task Description
Processes by user	User 1	Java-HPUJanet 4 % C:\Program Files (x86)\TechSmith\Snagit\9\Snagit\Editor.exe - 3 %
Processes by user	User 2	NT AUTHORITY\SYSTEM 0 % C:\CustomerMonitor.exe - 0 %
Processes by user	User 1	Java-HPUJanet 1532 MB C:\Program Files (x86)\Microsoft\PrintForWindows\PrintForWindows.exe - 307 MB
Processes by user	User 2	NT AUTHORITY\SYSTEM 0 % C:\Windows\system32\WindowsLaser.exe - 187 MB

Image: Zobrazenie v Online informáciách zaťaženie od TOP používateľov

If you wish to view a detailed list of load of the terminal server, with division by users, it can be found through the C-Monitor client, section *System info – user consumption*, as you can see on the next image.

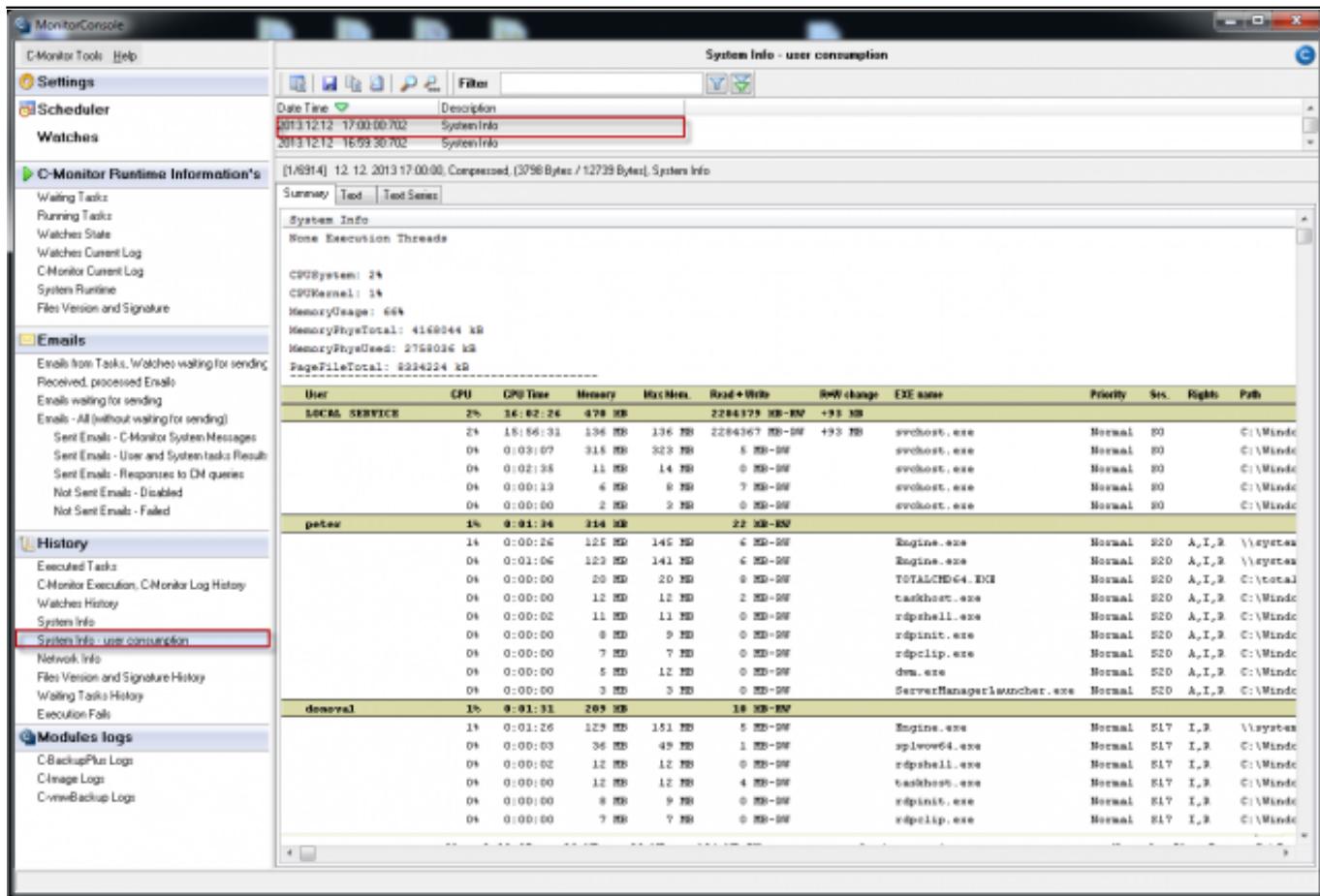


Image: Detailný rozpis záťaženia terminálového servera s rozdelením na používateľov

Monitoring and hard termination of a specific process, which is long-term loading the server with notification to the user in Watches

For automatic termination of processes, which load the server for a long time, you can configure a Watch, which will monitor the given process, and if it measures values higher than those you set as the limit values, this Watch will automatically terminate the process and notify the user, who had this process running.

You can add this watch through C-Monitor client, in the section Watches by using the wizard, as displayed on the next image. Select the Watch called *Process usage (memory, CPU)* and press Next.

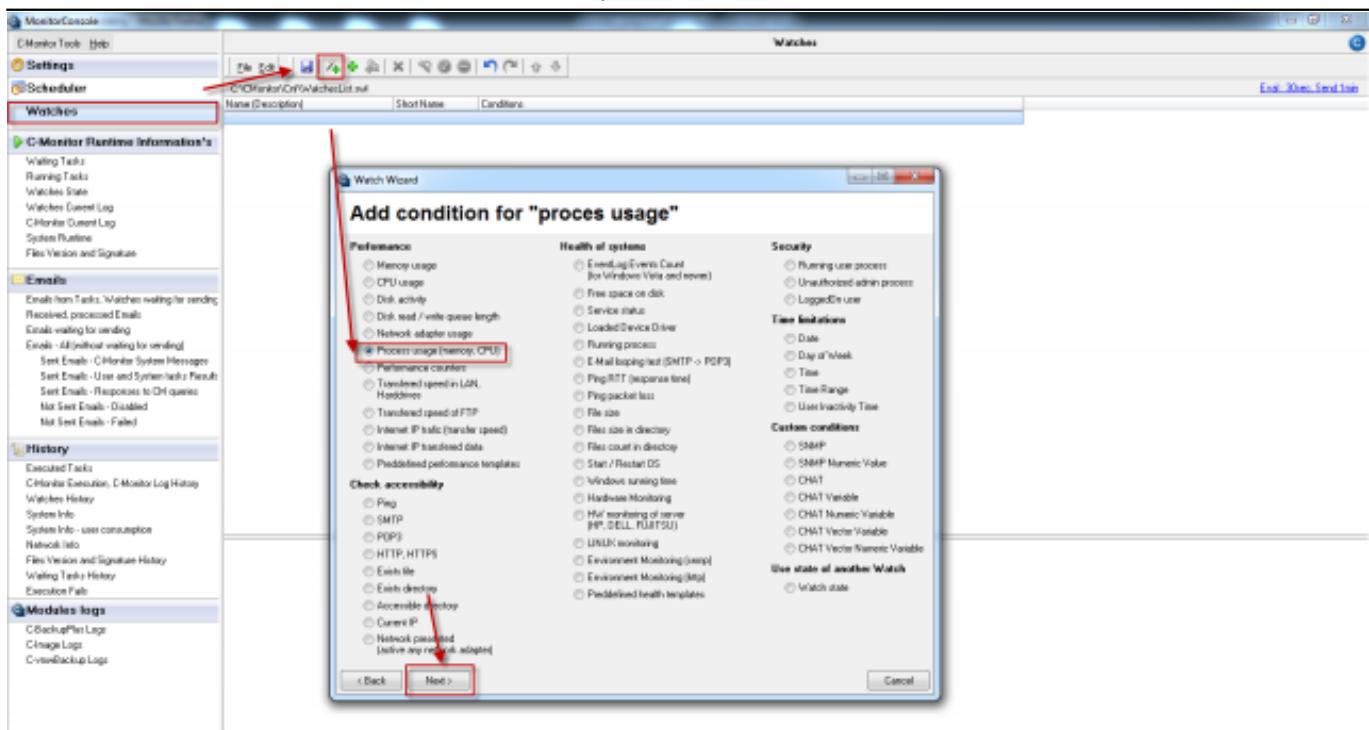


Image: Vytvorenie watchu

In the next window, choose a process, which the Watch is going to observe and set the limit value, by which this process can load the server.

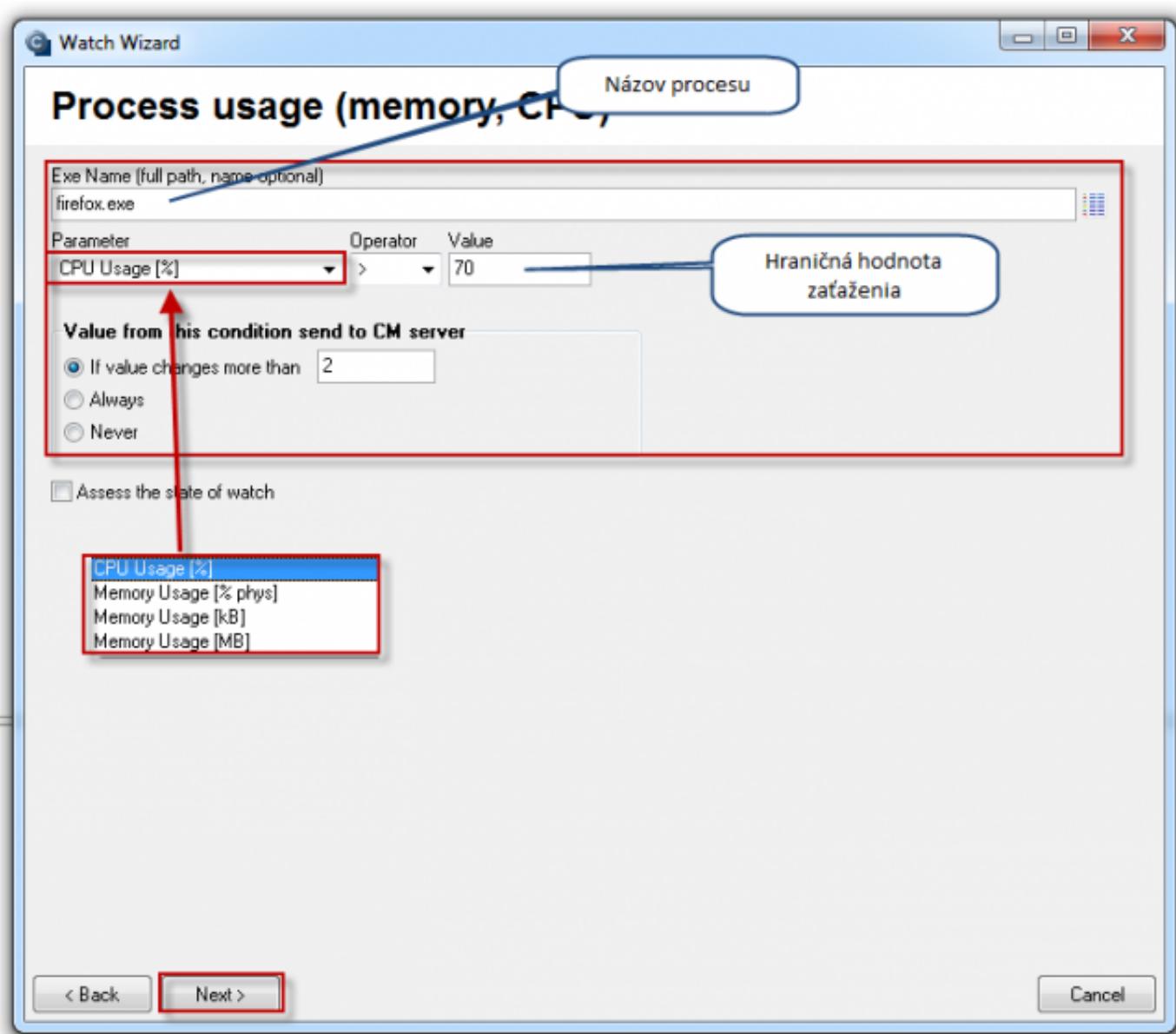


Image: Vyber procesu, ktorý sa bude sledovať

In the next window, you can add conditions to monitor more processes with only one Watch, when you're finished, press *Next*

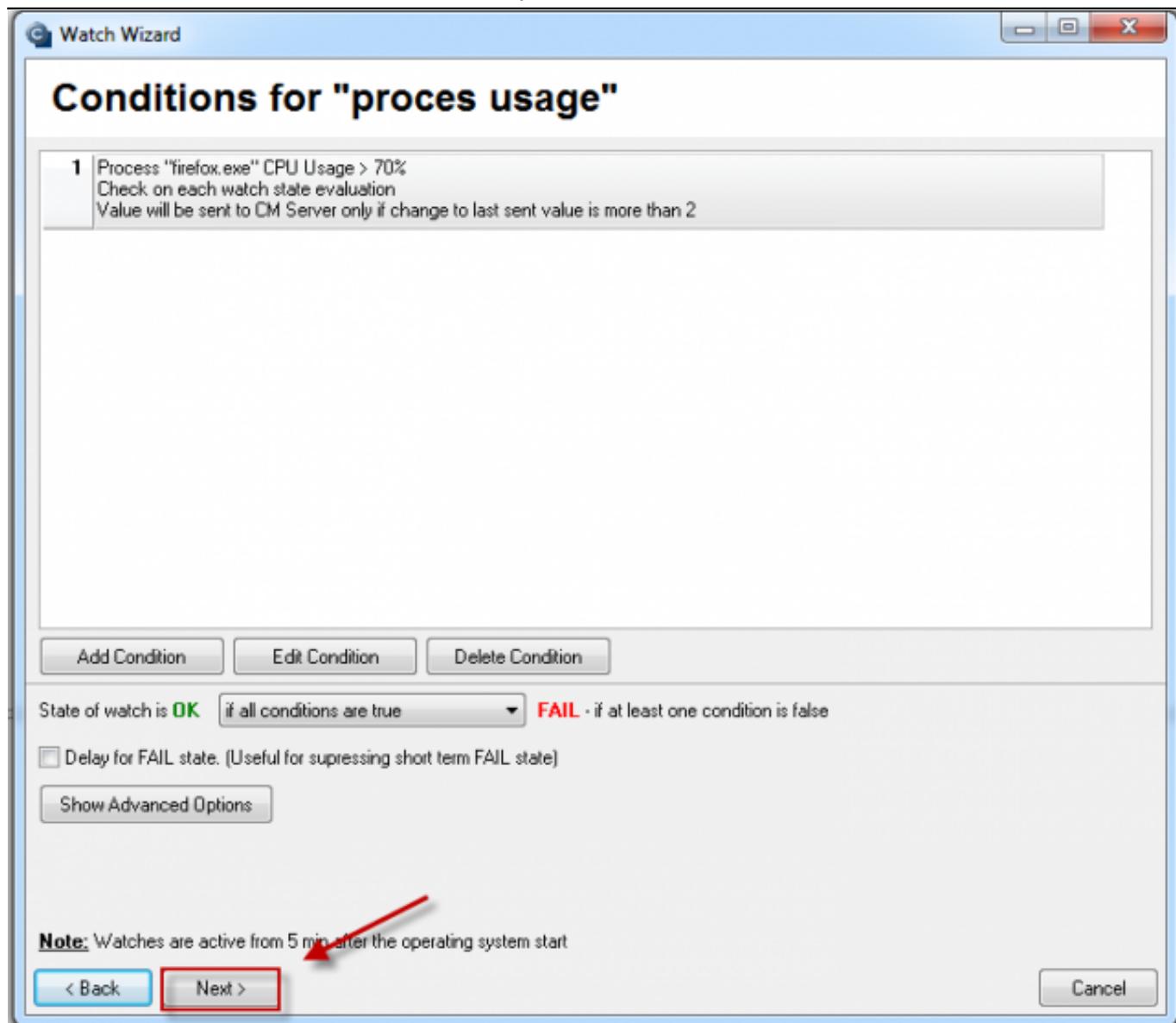


Image: V nasledujúcom okne si môžete pridať viacero podmienok pre sledovanie viacerých procesom pomocou jedného watchu

In the next window, you should configure an action that will be executed, in case the Watch is switched into *Fail* state, i.e. the process will begin to overload the server. To kill the process, select the option shown in the image - *Kill Process by watch DynamicID*. In the field above, you can set the time interval, after which will this action be executed (delay), in the third part you can type a message that will be displayed to the user when the process is terminated. All settings are illustrated on the next image

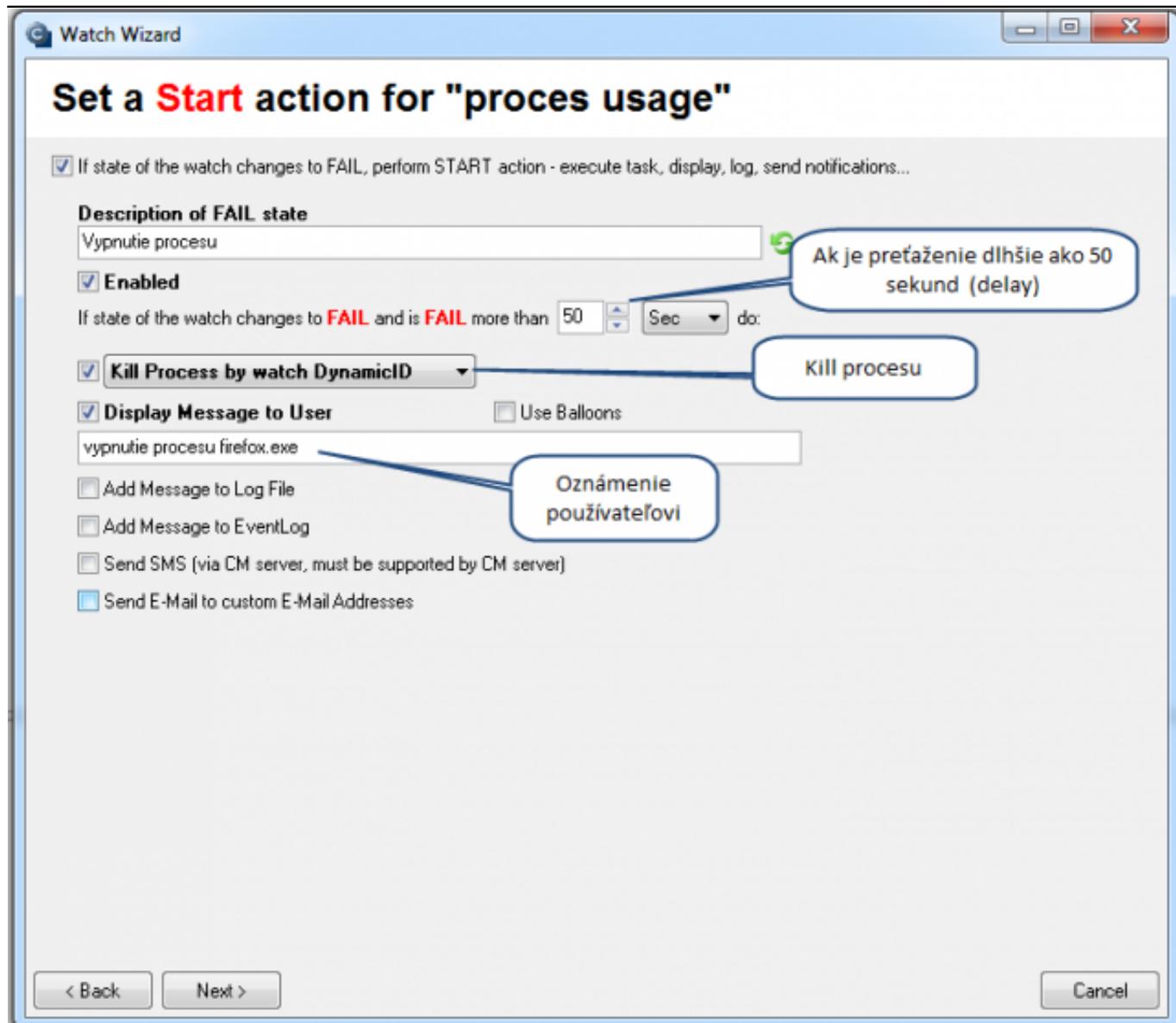


Image: Nastavenie akcie, ktorá sa má vykonať v prípade že watch prejde do stavu fail

The mail notification about overload by the process, sent from C-Monitor, contains specific information about the user and exact storage of the application (this is important, if the given application is stored on several places - it will allow you to solve another overload operatively and without any delay (if you don't want to have that processed Killed after certain time, as we've described above)).

SÚBOR SPRÁVA VLOŽIŤ MOŽNOSTI FORMÁTOVAŤ TEXT REVÍZIA

ne 6.4.2014 10:08 ts2@soft.sk Zataž engine-exe - je vysoka !

Komu Vojtech; servis@soft.sk

Správa z C-Monitor klienta ASSSV57, TS2 : **Zataž engine-exe (DynW) - je vysoka !**

watch **Zataž engine-exe (DynW)** sa nachádza v stave **FAIL** od 6. Apr 2014 10:08:24.
Predchádzajúci stav bol OK a trval 3 dni 10m 30s.

C Monitor
E-mail sent by Client

Popis:
Zataž engine-exe - je vysoka !

Process ID: 4740, Name: <\\system.local\APPS\apps\s1\POS\Engine.exe>, User: SYSTEM\pokl525

Podmienky vyhodnotenia watchu:
FAIL - because at least one condition is false
● FALSE - Process Engine.exe CPU Usage 52% is not < 40%

Poznámka: oneskorenie pre stav FAIL je 3m.

Watch z počítača: **TS2**
CM-ID počítača: **ASSSV57**
Verzia C-Monitora: **2.7.667.0**
Umiestnenie počítača: **Housing serverovna**
Používateľ: **Server Terminal TS2**
Telefón: **2211**

[Zobrazit watch s ďalšími informáciami](#)

Váš CUSTOMER MONITOR

Date:
01/07/2014