

Transfer speed from and to Ftp servers can be monitored by Watches, using the condition *Transfered speed of FTP*. You choose a data sample, which is then submitted to the Ftp server at each test. The watch's setup procedure is described and illustrated in the text below.

Recommendation: If you haven't worked with Watches yet, read the <u>Indroduction to setup of Watches, conditions, actions</u> [1] first.

The watch for monitoring of Ftp transfer speed is added in the C-Monitor client's Scheduler. Launch of the wizard for watch addition is displayed on the next image.

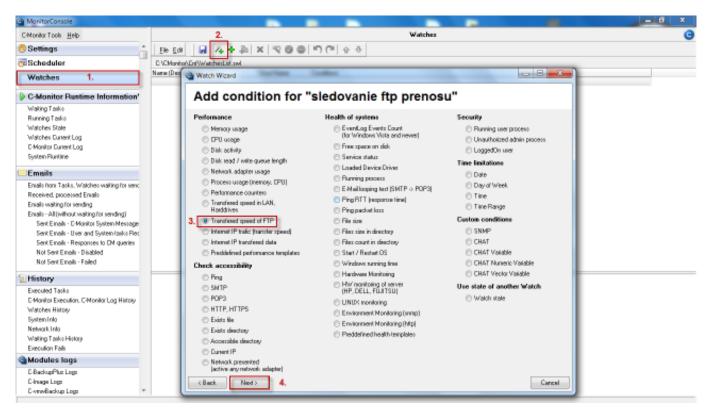


Image: Pridanie watchu pre sledovanie Ftp rýchlosti

Choose a name for the watch in the next window.



| C Watch Wizard   |     | 23  |
|--|-----|-----|
| Create watch with wizard   |     |     |
|  |     |     |
| Name of watch  |     |     |
| sledovanie ftp prenosovej rýchlosti  |     |     |
| <b>Lip</b><br>Choose meaningful, descriptive name of watch, because this name will be used for suggesting notification messages texts.<br>Proper watch name is e.g. "Free disk space on SERVER1" |     |     |
|  |     |     |
|  |     |     |
|  |     |     |
|  |     |     |
|  |     |     |
| < Back Next >  | Can | cel |

Image: Zvolíte si názov Watchu

In the next window, enter address of the Ftp server, username and password to the Ftp server, and in section *Source for upload (local folder)* select data sample from your PC, which is going to be sent to the Ftp server. You'll set a minimal speed, which should be reached, we've set the speed to be minimum 100kb/s for the example case. If the transfer speed was lower than the 100kb/s, the watch would be switched to fail state, and you'd be notified about the decreased transfer speed of the ftp server, either by SMS message or email.



| Watch Wizard   |  |                |        |
|--|--|----------------|--------|
| Transfer speed   | of FTP   |                |        |
| FTP Server<br>ftp.vasaftp.sk                                       |  | FTP Port<br>21 |        |
| rtp.vasantp.sk<br>FTP User   | [FTP Password]   | 21             |        |
| ftptemp  | NUMBER OF STREET, STRE |                |        |
| [FTP Account]  | Mode<br>Passive  | -              |        |
| FTP Folder   |  |                |        |
| temp   |  |                |        |
| Source for upload (local folder)<br>C:\Users\Juraj\Desktop\testftp |  |                |        |
| [File Name or File Mask (for down/up                               | load)]   |                |        |
|  |  |                |        |
| Speed of   | Operator Speed   | Unit           |        |
| Upload (Source->FTP)   | - > - 100  | kB/s ▼         |        |
| Test Period Unit [Timeout in                                       | n sec]   |                |        |
| 30 min 👻   |  |                |        |
|  |  |                |        |
| Value from this condition sen                                      | d to CM server   |                |        |
| If value changes more than 1                                       | 0 kB/s   |                |        |
| Always   |  |                |        |
| Never  |  |                |        |
|  |  |                |        |
| Assess the state of watch  |  |                |        |
|  |  |                |        |
|  |  |                |        |
| < Back Next >  |  |                | Cancel |

Image: Nastavíte parametre pre monitoring Ftp rýchlosti

The Watch's status with currently measured values can be viewed in the section Watch state in C-Monitori client's scheduler, as displayed on the following image.



## Ftp speed through Watch

Published on Customer Monitor (https://www.customermonitor.eu)

| MonitorConsole                                 |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
| C-Monitor Tools Help                           | Watcher State  |  |  |  |  |  |  |  |
| 🕐 Settings                                     |  |  |  |  |  |  |  |  |
| 🔂 Scheduler                                    | Name / Shot Name Value State Evaluated Last State Change State Description   |  |  |  |  |  |  |  |
| Watches  | Geodemanie flyp prenosu Uploed Speed Pp. sest. kk = 446.30 kB 28, Jan 2013 W1 Files count = 20 Mon. 10.17.29 Mon. 918:57 Files ter = 2.85 MB |  |  |  |  |  |  |  |
| > C-Monitor Runtime Information                |  |  |  |  |  |  |  |  |
| Waiting Tasko                                  |  |  |  |  |  |  |  |  |
| Running Tasko                                  |  |  |  |  |  |  |  |  |
| Watches State                                  |  |  |  |  |  |  |  |  |
| Watches Dunant Log                             | *  |  |  |  |  |  |  |  |
| E-Monitor Eurient Log                          |  |  |  |  |  |  |  |  |
| System Runtime                                 | Rame: sidedownie fip prenosu<br>Short Name: Wi   |  |  |  |  |  |  |  |
| - Emails                                       | Values   |  |  |  |  |  |  |  |
| Emails from Tasks, Watches waiting for service |  |  |  |  |  |  |  |  |
| Received, processed Envalo                     | Files count 20   |  |  |  |  |  |  |  |
| Emails waiting for sending                     | Files size 2.25 M5   |  |  |  |  |  |  |  |
| Envalo - All (without waiting for sending)     | State Description  |  |  |  |  |  |  |  |
| Sent Emails - C-Monitor System Message         | OK - because all conditions are true   |  |  |  |  |  |  |  |
| Sent Einails - User and System tasko Rec       |  |  |  |  |  |  |  |  |
| Sent Emails - Responses to EM queries          | Evaluated at Ilon, 28, Jan 2013, 10:17:29  |  |  |  |  |  |  |  |
| Not Sent Emails - Disabled                     | State Changed at Illon, 28. Jan 2013, 9-18-57  |  |  |  |  |  |  |  |
| Not Sent Emails - Failed                       |  |  |  |  |  |  |  |  |
|  | Conditions<br>DK if all conditions are true  |  |  |  |  |  |  |  |
| 1 History                                      | > Upter a Construction are true<br>> Upter Speed to Figure 10045/s, timeout 20s, check every 30min; Value to C3I : min. change 10            |  |  |  |  |  |  |  |
| Executed Tasks                                 |  |  |  |  |  |  |  |  |
| C-Monitor Execution, C-Monitor Log History     | Watch is evaluated in each C-litoritor Tick  |  |  |  |  |  |  |  |
| Watches History                                | State  |  |  |  |  |  |  |  |
| System Info                                    | OK - If all conditions are true  |  |  |  |  |  |  |  |
| Network Info                                   | FAL - If at least one condition is false   |  |  |  |  |  |  |  |
| Waiting Tasko History                          | Notification of UNKNOWN state is DISABLED  |  |  |  |  |  |  |  |
| Execution Fails                                |  |  |  |  |  |  |  |  |
| a Modules logs                                 |  |  |  |  |  |  |  |  |
| C-BackupPlue Loge                              |  |  |  |  |  |  |  |  |
| C-Image Logs                                   |  |  |  |  |  |  |  |  |
| C-vravBackup Logo                              | *  |  |  |  |  |  |  |  |

Image: Zobrazenie stavu Watchu cez C-Monitor klient console

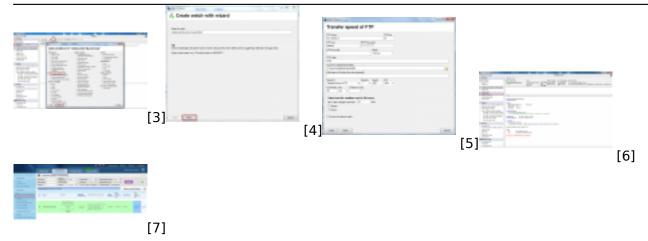
A view of the watch's state can be also accessed through CM portal, in the section *Presentation and Evaluation -> Presentation -> Watches (Online monitoring),* where you select the PC where this monitoring is configured using the upper filter, as you can see on the next image.

|   | Ad                | min zóna             | Prehliadanie a<br>Whodnotenie             | Customer                                  |                          | Communicator   |                       | Úvodný p                   |                                    | (Kredit <b>?</b> Ma<br>Operátor: Mer | inual 🌒 Or<br>10 operátora          | C   |
|---|-------------------|----------------------|---|---|--------------------------|--|-----------------------|----------------------------|------------------------------------|--------------------------------------|-------------------------------------|-----|
| alf viello 🔹 Rozballf viello  | -                 | Watches (Or          | line monitoring                           | )   |                          |  |                       |                            |                                    |                                      |                                     | ? 0 |
| Upozomenia  | Spoloči           |                      | Počítač &                                 | marb08                                    | Zoradiť pod              | ta CM-D  | Taxadir Mala          | in a second for            | Roowthu 💌                          |                                      |                                     |     |
| Poruchy<br>História porúch<br>Poruchy na počítačoch                                       | Meno V<br>Operáti | Watchu               | Umiestnenie<br>Current status<br>Zobraziť | Pod sebou 💌                               | Zoradiť ako              |  | Zoradit' Wato         | hes also                   | Vzostupne 💌                        | Hfadaf                               |                                     | ×   |
| Zobrazenia  | Zozna             | im watches [ zobraze | ná 1 položka j                            |   |                          |  |                       |                            |                                    | Report z por                         | úch Watchea                         |     |
| Zóny<br>Watches (Online monitorina)<br>Počítače   | Stav              | Mana                 | Hodnota                                   |   | Posledná<br>zmena stavu  | Podmienky k un   | čeniu stavu           | <u>CIII-ID</u><br>počítača | <u>Heno</u><br>počitača v<br>sieti | Umiestnenie                          | Posl.<br>online<br>spojenie s<br>CM |     |
| Online informácie<br>Internet bandwidth monitor<br>Zmeny na počítači<br>Foto dokumentácia | •                 | sledovanie file pre  | 446.30 kt<br>DOSAL Files                  | ed ftp.se.sk<br>Va±10 kB/s<br>count<br>29 | 28. Jan 2013<br>09:18:59 | OK - because all c<br>TRUE - Upload 1<br>"ftp.se.sk" (446.30<br>kB/s (28.1, 2013 8 | Speed<br>(k8/s) > 100 | SEANBOS                    | JURAJ-HP                           | Тероіска                             | 28. Jan 2013<br>10:19:23            | Ed  |
| Manažerské informácie   |                   |                      |   | s size<br>5 MB                            |                          | 1212 (201 1. 2010 1  |                       |                            |                                    |                                      |                                     |     |

Image: Zobrazenie stavu watchu cez CM portál

Date: 01/20/2013External Links: <u>Ftp speed via Online information</u> [2]Images:





## Links

[1] https://www.customermonitor.eu/how-cm-works-0/monitoring-and-diagnostics/introduction-setup-online-monitoring-watches

[2] https://www.customermonitor.eu/how-cm-works-0/monitoring-and-diagnostics/outages-and-quality-internet-connections/ftp-speed-online

[3] https://www.customermonitor.eu/sites/default/files/ftp%20cez%20watch.png

[4] https://www.customermonitor.eu/sites/default/files/ftp%20watch%202.png

[5] https://www.customermonitor.eu/sites/default/files/ftp%20watch%204.png

[6] https://www.customermonitor.eu/sites/default/files/ftp%20watch%205.png

[7] https://www.customermonitor.eu/sites/default/files/ftp%20watch%206.png