

Another option to add a new watch to monitor start of the operating system is CM Portal. Using it is efficient for **remote watch addition for a C-Monitor client without the need to directly access the computer's C-Monitor console.** 

This method of adding watches is also used for **MacOS a Linux** operating systems.

By clicking on **"Watches - settings"** in Admin zone, you can add watches to individual computers. You may then click on **"Display watches"** for the selected computer.



Image: Obrázok: Pridanie nového watchu cez CM portál

You'll see a list of current watches, if there already any on the computer. By pressing **"Add Watch"** in the top right corner of the CM Portal, you'll start the creation.

Name the new watch and press "Continue"



## Setup of monitoring of operating system restart through

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New watch	- 🗆 🕹			
Name (Description)	Computer restart			
Short Name	W1			
Enabled				
Watch state	OK if all conditions are true FAIL if at least one condition is false			
Notify Unknown State from C-Monitor by Watch actions				
Notify Unknown State from CM server	Notification can be enabled after updating watch on the computer			
Delay for FAIL state				
Evaluation and notification of errors on CM server:	For this watch: ALLOWED on CM server   Notification is enabled			
	For computer: ALLOWED (Change in computer settings)			
	For customer: ALLOWED (Change in customer settings)			
IMPORTANT NOTE: No modifications during editing of the watch are saved to the database. Watch configuration is updated only by sending the modified configuration to the C-Monitor client.				
	💾 Continue 🔘 🔕 Close			

Image: Obrázok: Pomenovanie nového watchu a nastavenie parametrov

Then choose the option "Add condition" to add conditions for the watch.

Computer restart (SEANB33)				
General	Conditions & Actions			
List of conditions				
Description				

Add condition

For Microsoft operating systems, select the condition "Windows running time".

Suitable setup of operator, time since start of the OS and minimal value change, will secure correct notification about a performed restart.

After finishing the setup, save the settings to CM Server by clicking on "Apply"



# Setup of monitoring of operating system restart through

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<ul> <li>Nova podmienka pre watci</li> </ul>	1	- U 🛛
Filter:	Windows Running Time	
CHAT CHAT Numeric Variable CHAT Vector Variable CPU Usage Current IP Date Day of Week Directory Accessible Disk Activity Disk Queue Length E-Mail Loop Test	Operator Time From OS Start Unit     I0 min     Value from this condition send to CM server     If value changes more than 10 min     Always     Never	
Erwironment Monitoring (http) Erwironment Monitoring (smmp) EventLog Events Count Exists Directory Exists File Files Size Files Size in Directory Free Space On Disk HTTP, HTTPS Hardware Monitoring Internet IP Traffic Internet	2	
Ping Packet Loss Ping Round Trip Time Process Usage Running Process SMTP SNMP Service Status Time TimeRange Transfer Speed Transfer Speed of FTP Unauthorized Admin Process Watch State Windows Running Time	1	3
		Halikovat 🛛 😣 Zavriet

Image: Obrázok: Nastavenie podmienok a uloženie watchu

For **operating systems MacOS and Linux**, it's necessary to use the condition "Operating system started". It is possible to use this condition on **Microsoft** operating systems **as well**.



## Setup of monitoring of operating system restart through

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#### Nová podmienka pre watch

Filter:	Operating System started
CHAT CHAT Numeric Variable CHAT Variable CHAT Vector Variable CPU Usage Current IP Date Day of Week Directory Accessible Disk Activity Disk Queue Length E-Mail Loop Test Environment Monitoring (http) Environment Monitoring (smmp) EventLog Events Count Evists Directory Evists File File Size Files Size in Directory Free Space On Disk HTTP, HTTPS Hardware Monitoring Internet IP Traffic Internet IP Traffic Internet IP Traffic Internet IP Traffic Internet IP Traffic Internet IP Traffic Data Loaded Device Driver LoggedOn User Memory Usage Network Adapter Usage Network Adapter Usage Network Presented Operating System started POP3 Performance Counter	OS was In last minutes started 10 Yes Value from this condition send to CM server Always Never
	Aplikovat' 🔕 Zavriet'

Image: Obrázok: Výber podmienky Operating System started

If needed, the watch can later be edited (1), or added an action (2) (<u>for setup of Actions, read here</u> [1]). If setup of the watch is completed, it has to be sent to C-Monitor by clicking on "**Update**" (3).

🔯 Watches - nastavenia	
Spoločnosť Počíteľ & Umiestnenie sestb 33 Posiživateľ Operátor Hiladar * Ječnoduché Sazov Watcha 🔄 Len zapraté Histohes 🔄 Len online počítače O Rodživné	Presizza Watches
Computer restart (SEANB33)	🗙 Delete 😂 Update Back
General Conditions & Adtons	3
List of conditions	
Description	
* Windows Running Time > tômin, Value to Chit, min, change 18	Edit Delete
Add condition	<u> </u>
List of Actions	
Type Description Events	Delay
Add action 2	

Image: Obrázok: Odoslanie pripraveného watchu do C-Monitoru

When the new watch is received by C-Monitor, the operator is going to be notified about every change of the watch's state, i.e. about each restart of the operating system.



<u>Current status and check of the last restart can be verified on CM portal at "Presentation and evaluation" > "Watches (Online monitoring)"</u> [2]

Date:

03/26/2012Images:



#### Links

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

[2] https://www.customermonitor.co/how-cm-works-0/monitoring-and-diagnostics/start/restart-computer/monitoring-operating-system-startup

[3] https://www.customermonitor.co/sites/default/files/Add%20watch.png

[4] https://www.customermonitor.co/sites/default/files/Add%20Watch%20CM%20Server.png

[5] https://www.customermonitor.co/sites/default/files/Add%20Watch%20CM%20Server%202.png

[6] https://www.customermonitor.co/sites/default/files/Add%20Watch%20CM%20Server%203.png

[7] https://www.customermonitor.co/sites/default/files/Add%20Watch%20CM%20Server%204.png

[8] https://www.customermonitor.co/sites/default/files/operating%20system%20started%20condition .png