

<u>Waiting tasks</u> - List of tasks waiting for execution <u>Running tasks</u> - List of running tasks <u>Executed tasks</u> - List of finished tasks

Waiting tasks

Every task is assigned to the list of tasks waiting for execution before it is launched, due to fulfilling date and time execution conditions - by activation of the corresponding trigger, if it has set execution by trigger, by reception of signal if the task is waiting to receive its corresponding signal, or according to direct user request - either by launching from the Scheduler, or by an existing Desktop link

lf all execution conditions are met. the task launched automatically. is Beside user-specified Execution Conditions, among conditions, which fulfillment is required for the task to be executed, also belong for instance User confirmation, or whether there isn't another task (process) running that was launched from the same .exe file, or whether another running task doesn't have the same output file as the tested one (C-Monitor prevents situations, where two tasks would use the same output file (a log) at the same time independently), etc.

Description of columns of the waiting tasks list

Name - a descriptive name of the task entered in the Scheduler

Command Line - the command line that should be executed

Waiting from - date and time of the task's assignment to the list of waiting tasks **Queued at** - in the front since

Expiration - date and time, to which the task will wait for execution. If its execution conditions aren't met until this given date and time, the task will be removed from the list of tasks waiting for execution, without being luanched

Status - the reason why this task is included in the list of waiting tasks

At the bottom of the window you can see important information about the selected task - there are displayed values of parameters, which are defined, or exceptional in any way.

On the following image you can see a list of waiting tasks in C-MonitorConsole accessible through C-Monitor client's tray menu. The column Status is highlighted, which specifies the reason why this task is among waiting tasks.

View of waiting tasks through CM portal is described in the text below.



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C-Monitor Tools Help			Waiting	Tasks		
9 Settings	🖾 🗞 🗙 🕨					
-	Name / Command Line	Waiting from	Queued at	Expiration	Weifing Time	ka a
Scheduler	C-Descript for CM - Current User Details	3. Sep 2012	7. Dec 2012	10. Dec 2012		Status Don't delete this tack - Waiting for required user(s) login
Watches	Moduler/Desclipt/DescCons.exe "softwenUseDetails		Fit. 13:34:41	Mon. 13:34:41		Contraction and court - where give impartmentation (c) regime
C-Monitor Runtime Information	Trend Micro HijackThis : List of registry and file a Moduler/Other/HJTSE sec ere ALogs/HijackThir, \$uper		5. Dec 2012 Wed, 14:25:09	14. Dec 2012 Fri, 14/25/09	2212:14:27	Don't delete this task - Waiting for required use(s) login
Walting Tasko						
Running Tasko	BackupPlus : junaj bckup : with rotation, Copy, D. Anoduler/backup/8 ackupPlus.exe ''Moduler/8 ackup/k.		7. Dec: 2012 Fri, 13:34:54	10. Dec 2012 Mon, 13:34:54	0.02.02	E4LSE - Durrent IP [] = 172.16.75.*
watches State	. Wildowen backupne ackupmostere . Wildowenne ackupm	rejourup Pri, Tatakak	PH. 10.3404	MON. 10.34/34		
watches Dunent Log	Defragmentation of C:	7. Dec 2012	7. Dec 2012	9. Dec 2012	0:00:17	Waiting for terminaling all other tasks
-Monitor Dunent Log	Anodule/Adetrog/DefragLog.exe ALog/Adetrog_C and "CA	Program I Fri, 13:38:39	Fri, 13:38:39	Sun, 13:38:39		
System Runtine	C-Descript for CM Complete - Full	7. Dec 2012	7. Dec 2012	16. Dec 2012	0.00.05	Executeble Re "DeccConcesse" is already executed by firwad \$000025FD: 20121207133539 : C-Descript for CM Complete - F
Emails	Moduler/Descript/DescCons.exe. Woduler/Descript/co	nplete so Fil. 13:36/01	Fri. 13:36:51	Sun, 13:36/51		BODD25PD: 20121201133633 : Crbekcipi Kir CM Complete-P
mails from Tasks, Watches waiting for serve						
Received, processed Envalo						
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Envalo - All (without waiting for sending)						
Sent Einalls - E-Monitor System Message	Essential					
Sent Emails - User and System tasko Rec						
Sent Emails - Responses to DM queries	C-Descript for CM - Current	User Details				
Not Sent Emails - Disabled						
Not Sent Emails - Failed	DescCons.exe					
THE SALE FROM TOPOLO	Waiting from Hon, 3, Sep 2012, 9:38:33					
History	Queued at Fri, 7. Dec 2012, 13:34:41					
Executed Tasks	Expiration Hon, 10, Dec 2012, 13:34:41 Status Don't delete this task - Walling f	and the second se				
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Watches History						
Svistein Inka	Command Line					
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Waiting Tasko History	λ					
Execution Fails						
Modules logs	Run under each logged on user					
C-BackupPlus Logs	Already executed under users					
C-Image Logs	Juraj-HPUsraj;					
C-vmvBackup Logo *	Wait, if executable is already running					

Image: Zobrazenie čakajúcich úloh cez C-Monitor klienta

Running tasks

After meeting all conditions for its execution, a task will launch automatically. It is then included in the list of running tasks. You may preview this list on the following image.

Description of columns of the running tasks list

Thread - identifier of the running task's thread. According to this identifier, it's possible to search in the records of C-Monitor activity, for information about when the task was executed etc.

Description - most often it is the name of the task entered in the Scheduler

User - name of the user, in who's context is the task running. The bracket contains information how the task has been executed - "(C-Monitor)" indicates that it was directly via C-Monitor, "(via GUI)" stands for graphical user interface - a supporting process mediating the C-Monitor client's interface to the user.

Executed at - date and time of when the task was launched

Running Time - time showing how long has the task been running

At the bottom of the window you can see important information about the selected task - there are displayed values of parameters, which are defined, or exceptional in any way, for instance saving of log etc.

A list of tasks running in C-MonitorConsole, accessible through tray menu of C-Monitor client, is showed on the following image.



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C-Monitor Tools Help			Running Tasks		-
Settings	🖪 📭 🗙				
Scheduler	Thread	Description	User	Executed at	Running Time
III-I-I-I	00001324	Oper/VPN	juraj	29. Det 2012, 10:22:56	7:28:
Watches	00001018	C-Descript for CM Complete - Differential	NT AUTHORITY\SYS	TEM (C-M 29. Oct 2012, 17:51:25	0.00:
C-Monitor Runtime Information	00001958	Trend Micro HijackThis : List of registry and	file sel Juraj HP/Juraj	29. Dot 2012, 17:51:29	0:00:
Waiting Tasks					
Running Tasks					
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System Runtime	DescCons.exe				
Emails	Desctons.exe				
		00001018			
Emails from Tasks, Watches waiting for senc		C-Descript for CM Complete - Differential Mon, 29. Oct 2012, 17:51:25			
Received, processed Emails		NT AUTHORITY/SYSTEM (C-Monitor)			
Emails waiting for sending	WindowTitle				
Emails - AI (without waiting for sending)	Log File	C:/CMonitor/Logs/ExecLog/TH000010180001.log			
Sent Emails - C-Monitor System Message					
Sent Emails - User and System tasks Res	Command Line	e			
Sent Emails - Responses to CM queries		cript/DescCons.exe./Logs/lastcomplete.sdf./Log	s\lastdesccpl.xml -autodiff -xr	ni	
Not Sent Emails - Disabled	Startup Directo	ory .			
Not Sent Emails - Failed	1				
History	Critical task - C	Can't shutdown / restart PC by C-Monitor, w	hile this task is running		
Executed Tasks		ws Vista, 2008,			
C-Monitor Execution, C-Monitor Log History		hest privileges			
Watches History	Execute always	ays on session 0 (app will be not terminate	d by any user logoff)		
System Info	Waiting List Na	me C_DESCRIPT_COMPLETE			
		meout 1 day			

Image: Zobrazenie spustených úloh cez C-Monitor klienta

View of running tasks through CM portal is written below.

View of waiting and running tasks on CM portal

Waiting and running tasks can be displayed on CM portal in the section Admin zone -> C-Monitor client -> Schedules and task status -> select a concrete computer through the upper filter -> Press the button Running and Waiting tasks -> in the next window you'll see the list of currently running and waiting tasks with an option to terminate the running tasks and execute or delete the waiting tasks. You can also see the reason why a task still wasn't executed in the column status for waiting tasks.



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Image: Zobrazenie bežiacich a čakajúcich úloh cez CM portál

Executed tasks

View of already executed tasks is a specific category. In this section are recorded all executed tasks with their result, duration etc. The purpose of executed tasks is to capture those scheduled tasks, which have been executed, but for some reason did not run successfully, so here are information whether the task was executed at all, what was its result, there are also logs from the task's process, and you can easily indentify the reason why the task was not successful.

An example of a view of executed tasks is displayed on the following image.

Description of columns of the executed tasks list

Date Time - shows time of when the task was launched
Description- explanation, name of the task
Type- result of the executed task (OK, Unknown, Not Executed...)
Exit Code- the task's exit code
Result- Final result of the task also with its duration



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C-Monitor Tools Help				Execute	ed Tasks		
Settings	- B 🖬	🖻 🗟 🖊	H Filter		77		
Scheduler	Date Time	,	Descriptio	n	Type	Exit Code	Result
	2012.10.29	17:51:30:121	Trend Mic	roHijack This : List of registry and I	file sel DK.	\$0	Elapsed Time: 0:00:03
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		17:51:25:317		t for CM Complete - Differential	Not Executed		Task Replaced by "C-I
C-Monitor Runtime Information		15:55:20:455		us : juraj bokup : with rotation, Cop	y, DaiNotExecuted		Task Replaced by "Ba
Waiting Tasks		10:22:56:843	OpenVPN	4	Unknown		
Running Tasks		09:21:09:123		t for CM Complete - Differential	DK.	\$0	Elapsed Time: 0:00:45
Watches State		09:19:40:527		p Directories	DK.	\$0	Elapsed Time: 0:00:11
Watches Current Log		09.19.40.480		t for CM - Current User Details (Jur		\$0	Elapsed Time: 0.01:07
C-Monitor Current Log		09:15:38:454		us : juraj bokup : with rotation, Cop			Task Replaced by "Ba
System Runtime		09.15.38:439		p Directories	Not Executed		Task Replaced by "Cle
		09.15.38.392		t for CM Complete - Differential	Not Executed		Task Replaced by "C-
Emails		16:12:04:420		ro HijackThis : List of registry and I		\$0	Elapsed Time: 0:00:04
Emails from Tasks, Watches waiting for send		16:11:34:795		ro HijackThis : List of registry and I		\$0	Elapsed Time: 0:00:04
Received, processed Emails		16:11:13:174		ro HijackThis : List of registry and I		\$0	Elapsed Time: 0.00:04
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Emails - All (without waiting for sending)							
Sent Emails - C-Monitor System Message	Summary						
Sent Emails - User and System hessage	Trend N	liero Hijacki	This : Lie	t of registry and file	settings : User	s (Jurai-HP\Ju	zat)
		.29/17:51:31					
Sent Emails - Responses to CM queries Not Sent Emails - Disabled				leted successfully			
Not Sent Emails - Failed	Name	= 774	nd Miero B	ijackThis : List of reg	attry and file	settings : Deer	
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	Categor			54152120500000000000			
Executed Tasks	Enabled	-					
C-Monitor Execution, C-Monitor Log History	Command		selection in the later	an UTTOT and and Stand	DidashThis too	research log	
Watches History			Squies/Oth	er\HJTSExec.exe .\Logs\	mijackinia_#use	inane‡.10g	
System Info	Startup	Dir = .\					

Image: Zobrazenie zoznamu vykonaných úloh cez C-Monitor klienta

View of executed tasks on CM portal

Since version 2.6 there's an option to view executed tasks and their status through C.Monitor client. To view them on CM Portal, go through Admin zone -> C-Monitor client -> Schedules and task status -> select a concrete computer through the upper filter -> Press the button Executed tasks. An example of a list of executed tasks is displayed on the next image.



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Admin zóna	Prehliadanie a Vyhodnotenie	Customer Desk	Communic	ator		Operáto	r. Meno operàtora
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hnuté súbory z počítačov	ript for CM Complete - Differential	Task Replaced by "C-Descrip 14:40:09	t for CM Complete -	Full queued at 2012.	12.057	Not Executed	5. Dec 2012 14:40
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erné programy 61428814 Backup Copy, D	Plus : juraj bokup : with rotation,	NO FILES COPED: Elapsed TI	me: 0:01:54		\$2	Probable Fail	5. Dec 2012 14:18:

Image: Zobrazenie zoznamu vykonaných úloh cez CM portál Date:

[5]

10/28/2012Images:



Links

- [1] https://customermonitor.eu/sites/default/files/waiting%20tasks%20new.png
- [2] https://customermonitor.eu/sites/default/files/beziace%20ulohy.png
- [3] https://customermonitor.eu/sites/default/files/bezaic%20a%20cakajuce.png
- [4] https://customermonitor.eu/sites/default/files/vykonane%20ulohy_0.png
- [5] https://customermonitor.eu/sites/default/files/executed%20tasks.png