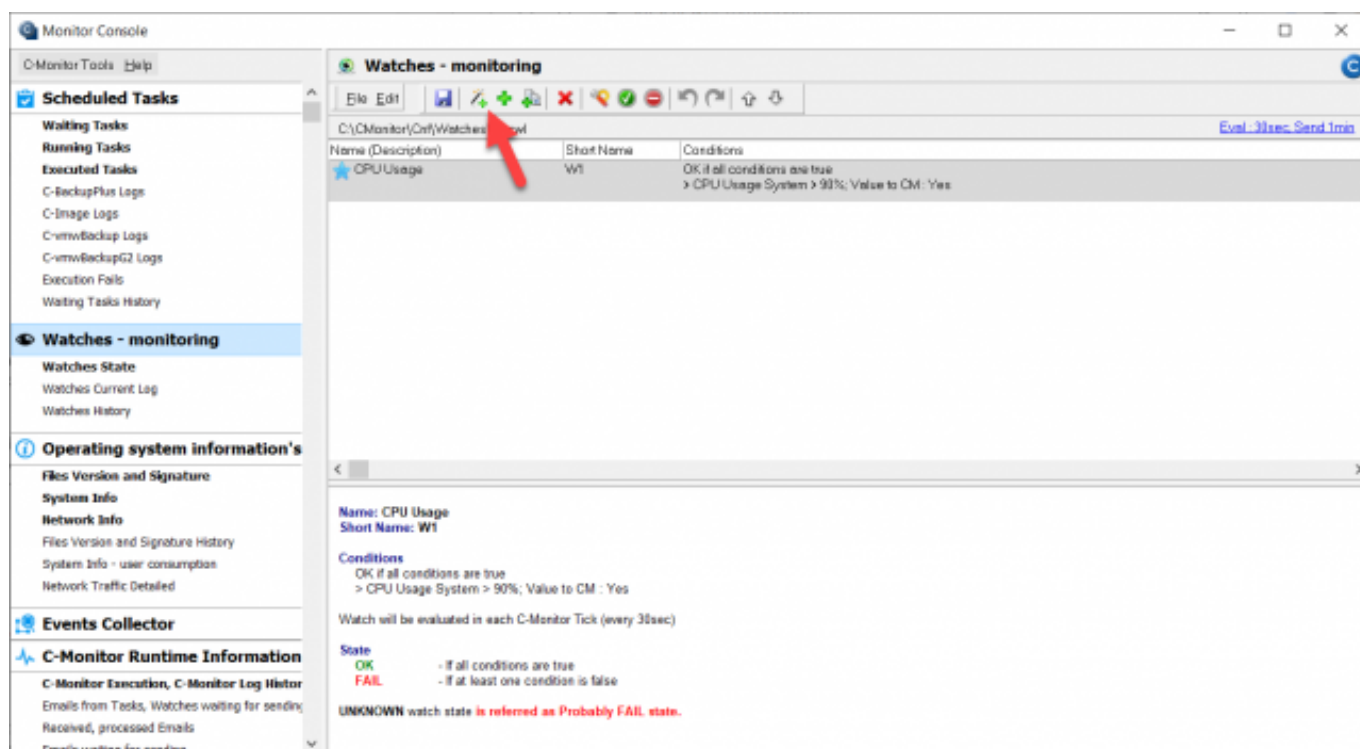


- [Preddefinované šablóny na sledovanie zdravia systémov](#)
- [Preddefinované šablóny na sledovanie výkonu systémov](#)

Preddefinované šablóny na sledovanie zdravia systémov

K preddefinovaným šablónam na sledovanie zdravia systému sa dostanete po kliknutí na tray ikonu Scheduler – Monitor Console. Následne v menu naľavo vyberte možnosť Watches – monitoring a kliknite na ikonu wizard.



[1]

Obrázok: Ikona wizard v okne Watches – monitoring

Po kliknutí sa zobrazí nové modálne okno. Prejdite do časti *Health of system* a následne zaškrtnite možnosť *Predefined health templates*. Po výbere konkrétnej šablóny kliknite na tlačidlo *Next* a pokračujte v konfigurácii danej šablóny podľa nižšie popísaných pokynov.

Watch Wizard

Select condition

Time limitations	Custom conditions	Use state of another Watch
Performance ☐ EventLog Events Count (for Windows Vista and newer) ☐ Free space on disk ☐ Service status ☐ Loaded Device Driver ☐ Running process ☐ E-Mail looping test (SMTP-> POP3) ☐ Ping RTT (response time) ☐ Ping packet loss ☐ File size ☐ File size (as user) ☐ Files size in directory ☐ Files size in directory (as user) ☐ Files count in directory ☐ Files count in directory (as user)	Check accessibility	Health of systems ☐ Start / Restart OS ☐ Windows running time ☐ Computer Time Deviation ☐ Hardware Monitoring ☐ HW monitoring of server (HP, DELL, FUJITSU) ☐ LINUX monitoring ☐ Environment Monitoring (snmp v1 /v2C) ☐ Environment Monitoring (snmp v3) ☐ Environment Monitoring (http) ☒ Preddefined health templates

< Back Next > Cancel

[2]

Obrázok: Preddefinované šablóny na sledovanie zdravia systémov

Pre zobrazenie konkrétnych watche prejdite vo webovej aplikácii do CM->Zobrazenia->Watches a následne v paneli pre vyhľadávanie zadajte potrebné parametre.

APC UPS Low energy, APC UPS Status

Preddefinovaný watch pre monitoring záložných zdrojov (UPS) od výrobcu APC. Primárne upozorňujú na výpadok prívodu elektriny a nízkej kapacity batérie. K fungovaniu watchu je potrebné nainštalovať softvér PowerChute, ktorý cez SNMP protokol odovzdáva informácie načítané z UPS. Do nastavenia watchu zadáte IP adresu počítača, na ktorom PowerChute je prevádzkovaný.

Watch Wizard

Conditions

1

SNMP localhost: UPS Battery Capacity (%) > 80, 2x, timeout 2s
Check every 1min
Value will be sent to CM Server only if change to last sent value is more than 1

2

SNMP localhost: UPS Battery Runtime Remaining > 0.00:10:00, 2x, timeout 2s
Check every 1min
Each value will be sent to CM Server

Add Condition

Edit Condition

Delete Condition

State of watch is **OK**

if all conditions are true

FAIL - if at least one condition is false

☐

Delay for FAIL state. (Useful for supressing short term FAIL state)

UNKNOWN watch state

is referred as Probably FAIL state.

Show Advanced Options

Note: Watches are active from 5 min after the operating system start

< Back

Next >

Cancel

[3]

Obrázok: Vstupné údaje k nastaveniu watchu APC UPS Low energy

Watch Wizard

Conditions

1	SNMP localhost : UPS Output Load (%) < 80, 2x, timeout 2s Check every 1min Value will be sent to CM Server only if change to last sent value is more than 10
2	SNMP localhost : UPS Output Voltage (VAC) IN 220..240, 2x, timeout 2s Check every 1min Value will be sent to CM Server only if change to last sent value is more than 5
3	SNMP localhost : UPS Output Frequency (Hz) IN 48..52, 2x, timeout 2s Check every 1min Each value will be sent to CM Server
4	SNMP localhost : UPS Input Voltage (VAC) IN 220..240, 2x, timeout 2s Check every 1min Value will be sent to CM Server only if change to last sent value is more than 5
5	SNMP localhost : UPS Input Frequency (Hz) IN 48..52, 2x, timeout 2s Check every 1min Each value will be sent to CM Server
6	SNMP localhost : UPS Current Temperature < 50, 2x, timeout 2s Check every 1min Value will be sent to CM Server only if change to last sent value is more than 10
7	SNMP localhost : UPS Battery Status (2=Normal) = 2, 2x, timeout 2s Check every 1min Each value will be sent to CM Server
8	SNMP localhost : UPS Battery Selftest Result (1=Pass, 2=Fail) = 1, 2x, timeout 2s Check every 1min Each value will be sent to CM Server

Add Condition
Edit Condition
Delete Condition

State of watch is **OK** if all conditions are true **FAIL** - if at least one condition is false

☐ Delay for FAIL state. (Useful for supressing short term FAIL state)

UNKNOWN watch state is referred as Probably FAIL state.

Show Advanced Options

Note: Watches are active from 5 min after the operating system start

< Back
Next >
Cancel

[4]

Obrázok: Vstupné údaje k nastaveniu watchu APC UPS

The screenshot shows the 'Watches (Online monitoring)' section of the Customer Monitor application. It features a sidebar with navigation links, a top header with filters for company, location, and operator, and a main table listing various watches. The table columns include 'Stat', 'Název', 'Hodnota', 'Podmienky', 'Posledná zmena statusu', 'CM ID', 'Meno zariadenia, v ktorom', 'Umiestnenie', and 'Posled. online spojenie s CM'. Two watches are visible: 'APC UPS BEROBEROVA' and 'UPS APC STATUS', both showing a green status icon and detailed condition lists.

[5]

Obrázok: Príklad watchu s načítanými údajmi z APC UPS

Eaton/MGE UPS Status

Preddefinovaný watch pre monitoring záložných zdrojov (UPS) od výrobcu Eaton Primárne upozorňujú na výpadok prívodu elektriny a nízkej kapacity batérie. Watch vyčítava informácie cez sieťové rozhranie UPS, preto je nevyhnutné, aby monitorovaná UPS mala nainštalovanú sieťovú kartu, napríklad Network-M2. Do watchu zadávate IP adresu UPS.

Watch Wizard

—

□

×

Eaton/MGE UPS Status v 1.1 (over NetworkCard)

Script Name

Eaton/MGE UPS Status v 1.1 (over NetworkCard)

Script

Parameter	Value
IP address	IP_address_of_EATON_device
SNMP Community	public
SNMP Timeout [ms]	10000
SNMP Retries	6

Test, Edit Script

Operation

Test Period

Unit

Successful

5

min

Value from this condition send to CM server

☒ Always

☐ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[6]

Obrázok: Vstupné údaje k nastaveniu watchu Eaton UPS/MGE UPS Status

The screenshot shows the CDESK Customer Monitor interface. The main section is titled 'Watches (Online monitoring)'. It features a search bar and filters for 'Spoločnosť' (Company), 'Počítač & Umiestnenie' (Computer & Location), 'Podrobnosti' (Details), and 'Operátor' (Operator). Below these, there's a table of watches. The first watch is 'Eaton MGE UPS status', which is currently 'successful'. The table columns are: Stav (Status), Meno (Name), Hodnota (Value), Podmienky (Conditions), Posledná zmena skena (Last scan change), CMID počítača / Meno počítača v sieti (Computer CMID / Computer name in network), Umiestnenie (Location), and Posl. online spojenie s CM (Last online connection to CM).

Stav	Meno	Hodnota	Podmienky	Posledná zmena skena	CMID počítača / Meno počítača v sieti	Umiestnenie	Posl. online spojenie s CM
successful	CHAT SATOMAGE UPS Status over NetworkCard	221 V	OK - because all conditions are true TRUE - successful CHAT "SATOMAGE UPS Status over NetworkCard" (4. 3. 2020 08:40:53) TRUE - CHAT NameVier "Voltage" - Voltage (221 V) is 215.258 V TRUE - CHAT NameVier "Remaining" - Remaining (47.18 min) > 30 min TRUE - CHAT NameVier "Load" - Load (15 %) < 70 % TRUE - CHAT NameVier "Capacity" - Capacity (100 %) > 65 % TRUE - CHAT NameVier "Cebattery" - On Battery 1 (2) > 2 TRUE - CHAT NameVier "Cebypass" - On Bypass 1 (2) > 2 Setup for FAILED state to Sm	02.03.2020 10:56:48	CHVSV06 SRV01	esuhart@prosp	04.03.2020 08:40:44

[7]

Obrázok: Príklad watchu s načítanými údajmi z Eaton UPS MGE UPS Status

MS SQL - Access test

Preddefinovaný watch, ktorým sa testuje pripojenie k databáze. Watch je súčasne ukážkou monitorovania cez VBS skripty, kde z nastavenia watchu sú do vnútra VBS odovzdané vstupné údaje a hodnoty, ktoré VBS počas svojho behu generuje, sú odovzdávané naspäť do watchu.

Watch Wizard

MS SQL - Access test v1.0

Script Name

MS SQL - Access test v1.0

Script

Parameter	Value
MSSQL access test	☒
MSSQL path to vbs-script	.\Cnf\SWL_templates\SQL_VBS\mssql_access.vbs
Windows\Server authentication	☒
Server	SERVER or SERVER\INSTANCE
User	test
Password	XXXXXXXXXXXX

Test, Edit Script

Operation

Successful

Test Period

5

Unit

min

Value from this condition send to CM server

☐ Always
 ☒ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[8]

Obrázok: Vstupné údaje k nastaveniu watchu MS SQL – Access test

QNAP Health

Preddefinovaný watch pre monitoring NAS zariadení od výrobcu QNAP. Okrem samotnej dostupnosti QNAP-u monitoruje najmä voľné miesto a zdravie diskových polí, S.M.A.R.T. stav samotných diskov. Na QNAP-e je potrebné povoliť SNMP službu a vo watchi nastavíte IP adresu QNAP-u. Konfiguráciu QNAP-u watch deteguje automatizovane.

 Watch Wizard

—

□

×

QNAP Health v 1.6 (od firmware 4.5.x)

Script Name

QNAP Health v 1.6 (od firmware 4.5.x)

Script

Parameter	Value
IP address	IP add
SNMP Community	public
SNMP Timeout [ms]	1000
SNMP Retries	1

Test, Edit Script

Operation

Test Period

Unit

Successful

30

sec

Value from this condition send to CM server

☒ Always

☐ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[9]

Obrázok: Vstupné údaje k nastaveniu watchu z NAS QNAP

Watch Wizard

SYNOLOGY Health Status DSM 5.1 and higher v1.3

Script Name

SYNOLOGY Health Status DSM 5.1 and higher v1.3

Script

Parameter	Value
IP address	IP_address_of_Synology_device
SNMP Community	public
SNMP Timeout [ms]	10000
SNMP Retries	4

Test, Edit Script

Operation

Test Period

Unit

Successful

2

min

Value from this condition send to CM server

☒ Always

☐ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[11]

Obrázok: Vstupné údaje k nastaveniu watchu z NAS SYNOLOGY

Watches (Online monitoring)

Spoločnosť: Počítač & Umiestnenie: Používateľ/Email: Operátor: Hľadaj

Meno Watchu: NAS SYNOLOGY Zobrazíť: Pod sebou ☒ True ☒ False ☒ Unknown ☐ Vypnúť watche ☐ Len online PC

Zoznam watches (zobrazené 2 záznamy)

Stav	Meno	Hodnota	Podmienky	Posledná zmena	CM ID počítača / Meno počítača v sieti	Umiestnenie	Posl. online spojenie s CM
●	Health.Synology	- CHAT SYNOLOGY Health Status DSM 5.1 and higher v1.3 - Synology Model - DiskStatus Drive 3 - DiskStatus Drive 4 - DiskStatus Drive 1 - DiskStatus Drive 2 - Temperature Drive 3 - Temperature Drive 4 - Temperature Drive 1 - Temperature Drive 2 - FreeSpace/Volume1 - RaidStatus/Volume1	successful OK - because all conditions are true TRUE - successful CHAT "SYNOLOGY Health Status DSM 5.1 and higher v1.3" (30.10.2021 21:47:30) TRUE - CHAT Var "Model" - Synology Model ("DS420") TRUE - CHAT Var "DiskStatus[]" - Drive 3 (Normal), Drive 4 (Normal), Drive 1 (Normal), Drive 2 (Normal) = Normal TRUE - CHAT Var "Temperature[]" - Drive 3 (42 °C), Drive 4 (41 °C), Drive 1 (31 °C), Drive 2 (32 °C) < 43 °C TRUE - CHAT Var "FreeSpace[]" - Volume1 (5.13 TB) > 3 kb TRUE - CHAT Var "RaidStatus[]" - Volume1 (Normal) = Normal Delay for FAILED state is 10m	30.10.2021 21:47:30	KONIGSBERG SERVER-IGS	Kancelária Managera Marketingu	30.10.2021 21:47:30
●	NAS.SYNOLOGY Health	- CHAT SYNOLOGY Health v 1.2 - Synology Model - DiskStatus Disk 1 - DiskStatus Disk 2 - Temperature Disk 1 - Temperature Disk 2 - FreeSpace/Run - FreeSpace/Revsadm - FreeSpace/Volume1	successful OK - because all conditions are true TRUE - successful CHAT "SYNOLOGY Health v 1.2" (27.12.2020 7:02:37) TRUE - CHAT Var "Model" - Synology Model ("DS213") TRUE - CHAT Var "DiskStatus[]" - Disk 1 (Normal), Disk 2 (Normal) = Normal TRUE - CHAT Var "Temperature[]" - Disk 1 (38 °C), Disk 2 (39 °C) < 43 °C TRUE - CHAT Var "FreeSpace[]" - Run (247.45 MB), Revsadm (248.91 MB), Volume1 (1.95 TB) > 20 kb TRUE - CHAT Var "RaidStatus[]" - Volume1	18.12.2020 14:27:40	KONIGSBERG PC-ACROBAR	sack recepcie	27.12.2020 09:25:41

[12]

Obrázok: Príklad watchu s načítanými údajmi z NAS SYNOLOGY

VMware ESX 6.5-U2 and higher health plugin, VMware ESX health plugin

Preddefinovaný watch pre monitoring hardvéru serverov

prostredníctvom virtualizačného nástroja VMware. Monitoring prebieha cez webovú službu s autentifikáciou cez meno a heslo. Používateľ pre monitoring musíte vytvoriť v konzole VMware. Rozsah a detailnosť poskytovaných informácií závisí od kombinácie verzie VMware. Obvykle sú poskytované stavy k hlavným súčastiam serverov, ako sú napríklad systém (board), diskový subsystém, procesory, ventilátory, napájacie zdroje, modelové označenie servera. Relatívne často je vidieť konfigurácia diskových polí, zoznamu diskov, stav batérie na radiči.

Watch Wizard

vmware ESX 6.5-U2 and higher health plugin 1.3

Script Name

vmware ESX 6.5-U2 and higher health plugin 1.3

Script

Parameter	Value
ESX(i)/vCenter server IP	IP Address
ESX(i)/vCenter server user	Username
ESX(i)/vCenter server pass	
Check hosts 'yellow' states	☒
Check hosts 'red' states	☒
Check health 'Fan'	☒
Check health 'Other'	☒
Check health 'Processors'	☒
Check health 'Software Components'	☒

Help

Test, Edit Script

Operation

Test Period

Unit

Successful

5

min

Value from this condition send to CM server

☒ Always
 ☐ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[13]

Obrázok: Vstupné údaje k nastaveniu watchu z VMware ESX 6.5-U2 and higher health plugin

Watches (Online monitoring)

Spoločnosť: **Mesa Wroclaw** Podstat & Umiestnenie: **Začiatok** Používatel: **True** Operátor: **False** Hľadaj: **Hi**

Zoznam watches [zobrazený 1 záznam]

Stav	Název	Hodnota	Podrobnosti	Posledná zmena statusu	CM-ID počítača / Mesa počítačový ID	Umiestnenie	Posl. online spojenie s CM
●	VMware ESX health plugin 1.2	successful	VMware ESX 6.5.0 build-8294253	25.10.2021 17:45:19	ALROVOT SERVER-SQL	Serverovna 806 - 1. étage 2.532	30.10.2021 21:50:45

[14]

Obrázok: Príklad watchu s načítanými údajmi z VMware ESX health plugin

VMware ESX only Free Space

Preddefinovaný watch na sledovanie voľného miesta datastorov pripojených priamo do VMware. Monitoring prebieha cez webovú službu s autentifikáciou cez meno a heslo, Používateľa pre monitoring musíte vytvoriť v konzole VMware. Watch po pripojení na VMware deteguje konfiguráciu datastorov automaticky.

Watch Wizard

vmware ESX only Free Space plugin 1.0

Script Name
vmware ESX only Free Space plugin 1.0

Script

Parameter	Value
ESX(i)/vCenter server IP	IP_address_of_ESX_device
ESX(i)/vCenter server user	username
ESX(i)/vCenter server pass	
Exclude not accessible storages	☒

Test, Edit Script

Operation: Successful Test Period: 5 Unit: min

Value from this condition send to CM server

☒ Always
☐ Never

☐ Assess the state of watch

< Back Next > Cancel

[15]

Obrázok: Vstupné údaje k nastaveniu watchu z VMware ESX only Free Space

CDESK®

C

C

Watches (Online monitoring)

Spoločnosť:

Podstat & Univerzita

Poudr/Email:

Operator:

Hľadaj

Mera Watch

VMware ESX only Free Space

Ziskat: Prio 1000

☒ True ☐ False ☒ Unknown

☐ Vypnúť watche

☐ Lan online PC

Zoradené watches [zobrazujú 1 z 1 zobrazen]

Report z porúch Watches

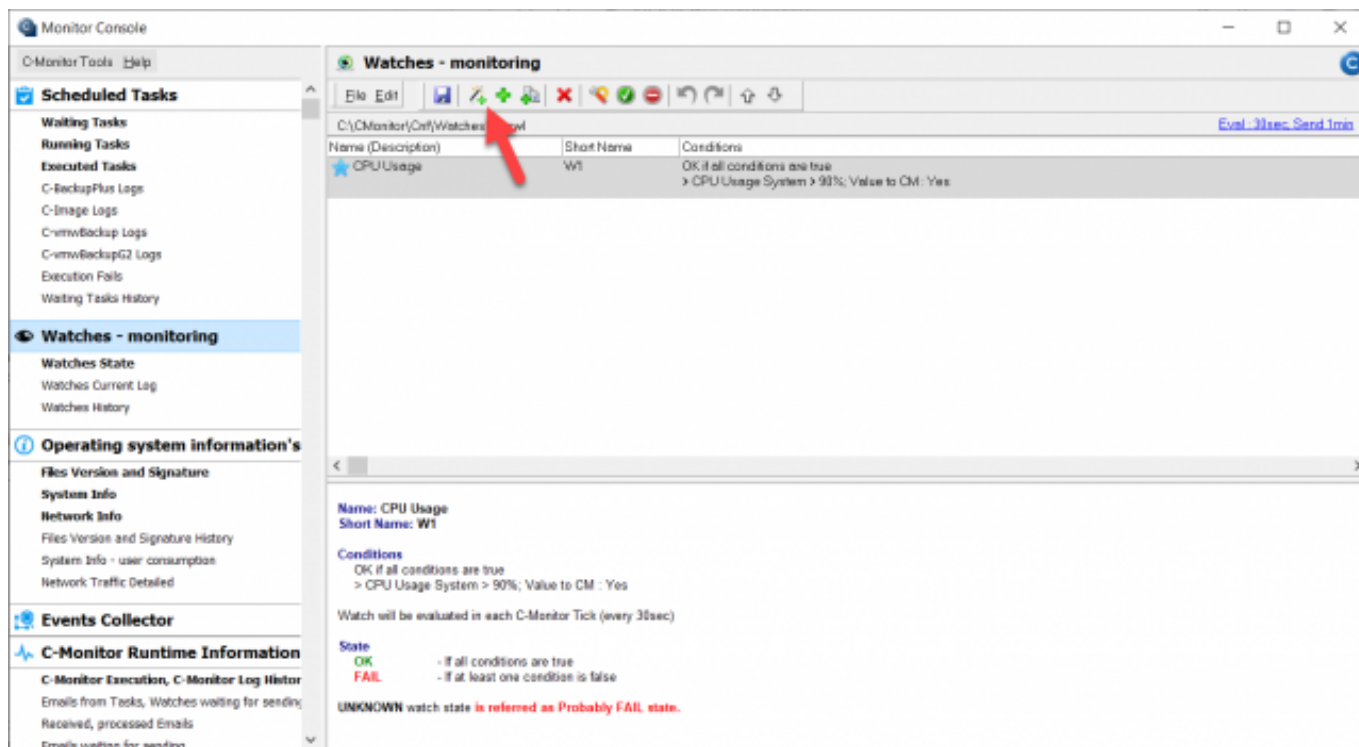
Stav	Názov	Hodnota	Podmienky	Posledná zmena stavu	CM:ID počítača / Mero počítača z sieti	Umiestnenie	Posl. online spojenie s CM	
OK	vmware ESX only Free Space plugin 1.0	CHAT vmware ESX only Free Space plugin 1.0 STATUS: VMOLDOY_ESX Status: CHAP2 Status: diskstore2 Status: diskstore3 Status: diskstore1 Free: VMOLDOY_ESX Free: CHAP2 Free: diskstore2 Free: diskstore3 Free: diskstore1	successful green green green green green 2.02 TB220 GB 5.18 TB220 GB 47.75 GB220 GB 100.81 GB220 GB 42.84 GB220 GB	OK - because all conditions are true TRUE - SUCCESSFUL CHAT vmware ESX only Free Space plugin 1.0 (10/09/2021 5:37:31 PM) TRUE - CHAT test via "VMOLDOY_ESX (green), CHAP2 (green), diskstore2 (green), diskstore3 (green), diskstore1 (green) + green" TRUE - CHAT test via "Free: VMOLDOY_ESX (2.02 TB), CHAP2 (5.18 TB), diskstore2 (47.75 GB), diskstore3 (100.81 GB), diskstore1 (42.84 GB) + 20 GB"	13.10.2021 08:35:02	2025A04 SERVER-65	Incheba, serverovna B, poschodiu	30.10.2021 22:14:52

[16]

Obrázok: Príklad watchu s načítanými údajmi z VMware ESX only Free Space

Preddefinované šablóny na sledovanie výkonu systémov

K preddefinovaným šablónam na sledovanie zdravia systému sa dostanete po kliknutí na tray ikonu Scheduler – Monitor Console. Následne v menu naľavo vyberte možnosť Watches – monitoring a kliknite na ikonu wizard.



[17]

Obrázok: Ikona wizard v okne Watches – monitoring

Po kliknutí sa zobrazí nové modálne okno. Prejdite do časti *Performance* a následne zaškrtnite možnosť *Predefined performance templates*. Po výbere konkrétnej šablóny kliknite na tlačidlo *Next* a pokračujte v konfigurácii danej šablóny podľa nižšie popísaných pokynov.

Watch Wizard

Select condition

Time limitations	Custom conditions	Use state of another Watch
Performance	Check accessibility	Health of systems
		Security

- ☐ Memory usage
- ☐ CPU usage
- ☐ Disk activity
- ☐ Disk read / write queue length
- ☐ Network adapter usage
- ☐ Process usage (memory, CPU)
- ☐ Performance counters
- ☐ Transferred speed in LAN, Harddrives
- ☐ Transferred speed of FTP
- ☐ Internet IP trafic (transfer speed)
- ☐ Internet IP transferred data
- ☒ Preddefined performance templates

- General performance v1.0
- MS SQL Query response time v1.0
- MS SQL Query with table resp.time v1.0
- SQL Memory, Page splits, Users v1.1
- SQL Trans. and Deadlocks v1.1
- Terminal active sessions

< Back Next > Cancel

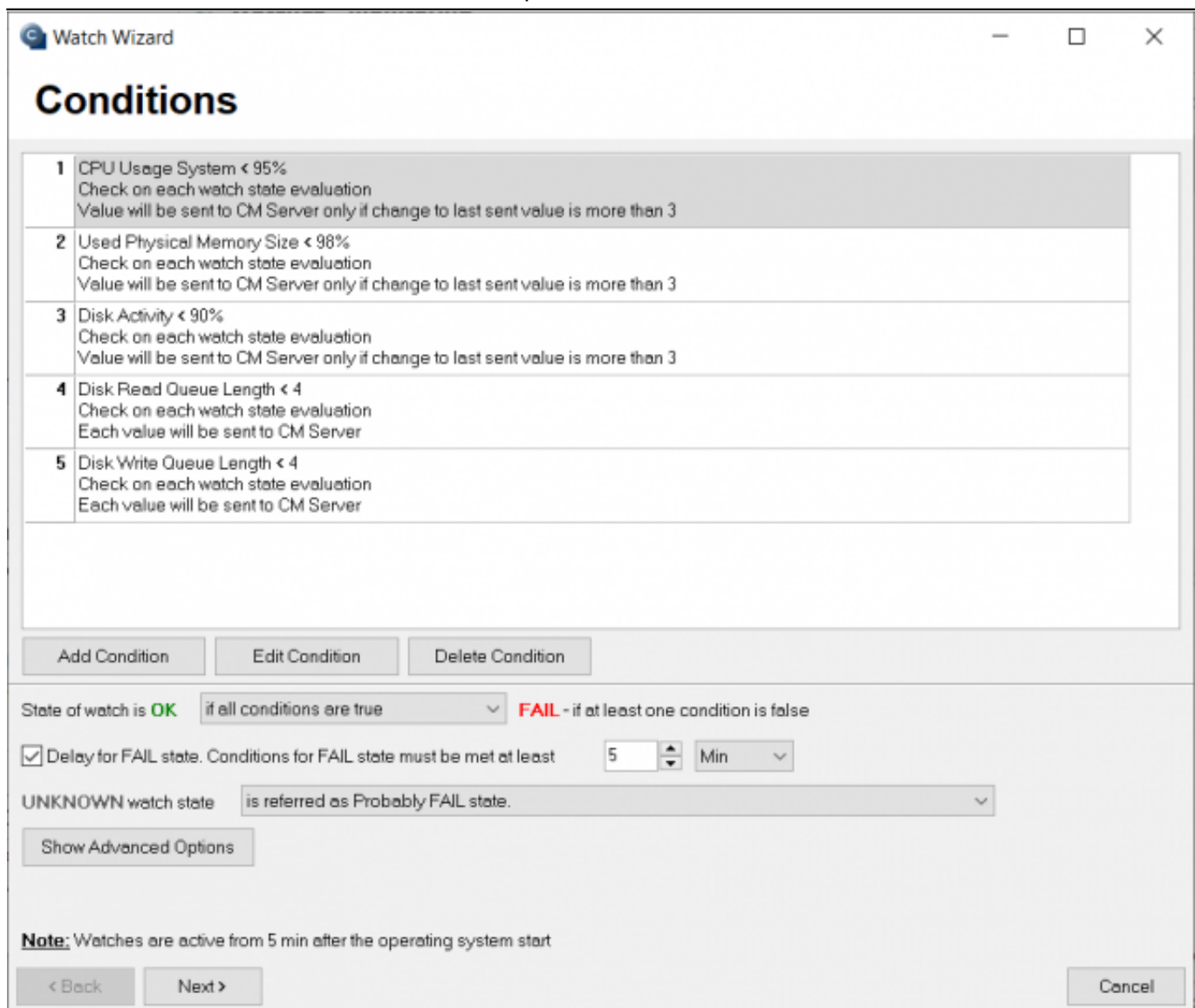
[18]

Obrázok: Preddefinované šablóny na sledovanie výkonu systémov

Pre zobrazenie konkrétnych watche prejdite vo webovej aplikácii do CM->Zobrazenia->Watches a následne v paneli pre vyhľadávanie zadajte potrebné parametre.

General performance

Daný watch rozsahovo je podobný ako Online informácie vyjadrujúce zaťaženie počítača. Online informácie sa však uchovávajú len 48 hodín a nie sú notifikované. Watche uchovávajú údaje až do dvoch mesiacov a poskytujú cielenú notifikáciu. V rámci tohto watchu sa sleduje: zaťaženie CPU [%], obsadenie RAM [%], celková aktivita diskov a preťaženie diskov pri čítaní a zápise [Queue Length – bežná hodnota je 0 alebo 1. Hodnoty 2 a vyššie signalizujú preťaženie.]



Watch Wizard

Conditions

1	CPU Usage System < 95% Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 3
2	Used Physical Memory Size < 98% Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 3
3	Disk Activity < 90% Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 3
4	Disk Read Queue Length < 4 Check on each watch state evaluation Each value will be sent to CM Server
5	Disk Write Queue Length < 4 Check on each watch state evaluation Each value will be sent to CM Server

Add Condition Edit Condition Delete Condition

State of watch is **OK** if all conditions are true **FAIL** - if at least one condition is false

☒ Delay for FAIL state. Conditions for FAIL state must be met at least 5 Min

UNKNOWN watch state is referred as Probably FAIL state.

Show Advanced Options

Note: Watches are active from 5 min after the operating system start

< Back Next > Cancel

[19]

Obrázok: Vstupné údaje k nastaveniu watchu z General performance

The screenshot displays the 'Watches (Online monitoring)' section of the CDESK interface. It shows a list of four predefined templates for monitoring 'General performance'. Each template includes a status icon, a name, a list of monitored metrics, a detailed list of conditions and their current values, the last successful check time, the template name, the location, and the last online sync time with the CM.

Stav	Název	Hodnoty	Podmienky	Posledná úspešná skúška	CM-ID šablóny / Mesto šablóny	Umiestnenie	Posl. online spojenie s CM
🟡	General performance	- CPU System: 41% (3) - Used Phys. M.S.: 81% (2) - Disk Activity: 0% (1) - Disk Read Queue Length: 8 (2) - Disk Write Queue Length: 8 (2)	- UNKNOWN because - TRUE - CPU Usage "System" (4%) < 100% - TRUE - Memory Usage "Used Phys. M.S." (81%) < 100% - TRUE - Disk Activity "I/O" (0%) < 100% - TRUE - Disk Read Queue Length (8) < 3 - TRUE - Disk Write Queue Length (8) < 3 - W.S. Unknown because FALSE - Time (22:16:10) in the range 1:00:00 - 21:00:00 - Delay for FAILED state is 30m	30.10.2021 21:00:00	AT55DV16 SQL I	Belesta	30.10.2021 22:17:31
🟢	General performance	- CPU System: 8% - Used Phys. M.S.: 56% - Disk Activity: 2% (1) - Disk Read Queue Length: 0 - Disk Write Queue Length: 0 - Time: 22:17:27 - Day of Week: 14	- UNKNOWN (probably OK) because - TRUE - CPU Usage "System" (8%) < 60% - TRUE - Memory Usage "Used Phys. M.S." (56%) < 90% - TRUE - Disk Activity "I/O" (2%) < 50% - TRUE - Disk Read Queue Length (0) < 4 - TRUE - Disk Write Queue Length (0) < 4 - W.S. Unknown because FALSE - Time (22:17:27) in the range 1:00:00 - 19:00:00 - W.S. Unknown because FALSE - Day of Week (14) is Mo, Tu, We, Th, Fr - Delay for FAILED state is 30m	30.10.2021 19:00:25	18405V01 JAM-0V	SWAN, C50009	30.10.2021 22:17:58
🟢	General Performance Backup	- Free Space C:\: 888.15 GB (1) - Used Phys. M.S.: 77% (2) - Disk Activity: 0% (1) - File Size C:\Backup: 0 GB (1)	- OK - because all conditions are true - TRUE - Free Space on "C:" (888.15 GB) > 100 GB - TRUE - Memory Usage "Used Phys. M.S." (77%) < 90% - TRUE - Disk Activity "I/O" (0%) < 50% - TRUE - Size of "C:\Backup" (0 GB) < 500 GB	30.10.2021 11:52:57	CEXP0019 CEXP0019	Prostredie pri echode	30.10.2021 12:51:54
🟢	General performance	- CPU System: 8% - Used Phys. M.S.: 86% - Disk Activity: 0% (1) - Disk Read Queue Length: 0 (1) - Disk Write Queue Length: 0 (1) - Day of Week: 14	- OK - because all conditions are true - TRUE - CPU Usage "System" (8%) < 100% - TRUE - Memory Usage "Used Phys. M.S." (86%) < 100% - TRUE - Disk Activity "I/O" (0%) < 100% - TRUE - Disk Read Queue Length (0) < 3 - TRUE - Disk Write Queue Length (0) < 3 - TRUE - Time (8:28:57 AM) in the range 6:30:00 AM - 7:15:00 PM - TRUE - Day of Week (14) is Mo, Tu, We, Th, Fr	08.11.2019 08:30:28	RCH0V03 RCH01	Seal Serverms	08.11.2019 14:55:28

[20]

Obrázok: Príklad watchu s načítanými údajmi z General performance

MS SQL Query response time

Watch Wizard

MS SQL Query response time v1.0

Script Name

MS SQL Query response time v1.0

Script

Parameter	Value
MSSQL query test	☒
MSSQL path to vbs-script	.\Cnf\SWL_templates\SQL_VBS\mssql_query.vbs
Windows\Server authentication	☒
Server	SERVER or SERVER\INSTANCE
DataBase	namedb
Query for Database	SELECT CURRENT_TIMESTAMP
User	test
Password	xxxxxxxxxxxxxxxxxxxx

Test Edit Script

Operation

Test Period

Unit

Successful

5

min

Value from this condition send to CM server

☐ Always
 ☒ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[21]

Obrázok: Vstupné údaje k nastaveniu watchu z MS SQL Query response time

MS SQL Query with table response time

Tento watch slúži na meranie času odozvy nad databázou formou zápisu a vymazania údajov z tabuliek. Do watchu je potrebné zadať server, databázu a prihlasovacie údaje. Skript si vytvorí vlastnú tabuľku s názvom *dbo.cmonitortest14051123654*. Tabuľku následne vyplní náhodne generovanými údajmi a nakoniec ju vymaže. Čas potrebný na tieto operácie je odovzdaný do podmienky watchu a vyhodnotený podľa vami zadaných kritérií.

Watch Wizard

MS SQL Query with table resp.time v1.0

Script Name

MS SQL Query with table resp.time v1.0

Script

Parameter	Value
MSSQL query test	☒
MSSQL path to vbs-script	.\Cnf\SWL_templates\SQL_VBS\mssql_query.vbs
Windows\Server authentication	☒
Server	SERVER or SERVER\INSTANCE
DataBase	namedb
Query for Database	EXEC dbo.TestDBCMonitor1
User	test
Password	xxxxxxxxxxxxxxxxxxxx

Test Edit Script

Operation

Test Period

Unit

Successful

5

min

Value from this condition send to CM server

☐ Always
 ☒ Never

☐ Assess the state of watch

< Back

Next >

Cancel

[22]

Obrázok: Vstupné údaje k nastaveniu watchu z MS SQL Query with table response time

SQL Memory, Page splits, Users

Daný watch k zadanej inštancii MS SQL zaznamenáva vybrané countre monitorujúce využitie pamäte a presuny dát v SQL serveri a počet pripojených používateľov k SQL serveru.

The screenshot shows the 'Watch Wizard' configuration window. The title bar says 'Watch Wizard'. The main title is 'SQL Memory, Page splits, Users v1.1'. Below the title, there is a 'Script Name' field containing 'SQL Memory, Page splits, Users v1.1'. Under the 'Script' section, there is a table with two columns: 'Parameter' and 'Value'. The table has one row: 'Sql instance' with the value 'SQLSERVER or MSSQL\$NAME'. Below the table, there are several configuration options: a 'Help' button, a 'Test Edit Script' button, a 'Operation' dropdown set to 'Successful', a 'Test Period' input set to '5', and a 'Unit' dropdown set to 'min'. There is also a section 'Value from this condition send to CM server' with two radio buttons: 'Always' and 'Never', where 'Never' is selected. Below this is a checkbox 'Assess the state of watch' which is unchecked. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Parameter	Value
Sql instance	SQLSERVER or MSSQL\$NAME

[23]

Obrázok: Vstupné údaje k nastaveniu watchu z SQL Memory, Page splits, Users

SQL Transactions And Deadlocks

Watch sleduje k zadaj inštancii MS SQL počet aktuálne otvorených transakcií a vzájomne blokujúcich sa transakcií.

The screenshot shows the 'Watch Wizard' window for a script named 'SQL Trans. and Deadlocks v1.1'. The 'Script' section contains a table with one parameter: 'Sql instance' with the value 'SQLSERVER or MSSQL\$NAME'. Below the table, there are settings for 'Operation' (set to 'Successful'), 'Test Period' (set to '1'), and 'Unit' (set to 'min'). There are also radio buttons for 'Value from this condition send to CM server' (set to 'Always') and a checkbox for 'Assess the state of watch' (unchecked). Navigation buttons '< Back', 'Next >', and 'Cancel' are at the bottom.

Watch Wizard

SQL Trans. and Deadlocks v1.1

Script Name
SQL Trans. and Deadlocks v1.1

Script

Parameter	Value
Sql instance	SQLSERVER or MSSQL\$NAME

Test Edit Script

Operation: Successful Test Period: 1 Unit: min

Value from this condition send to CM server
☒ Always
☐ Never

☐ Assess the state of watch

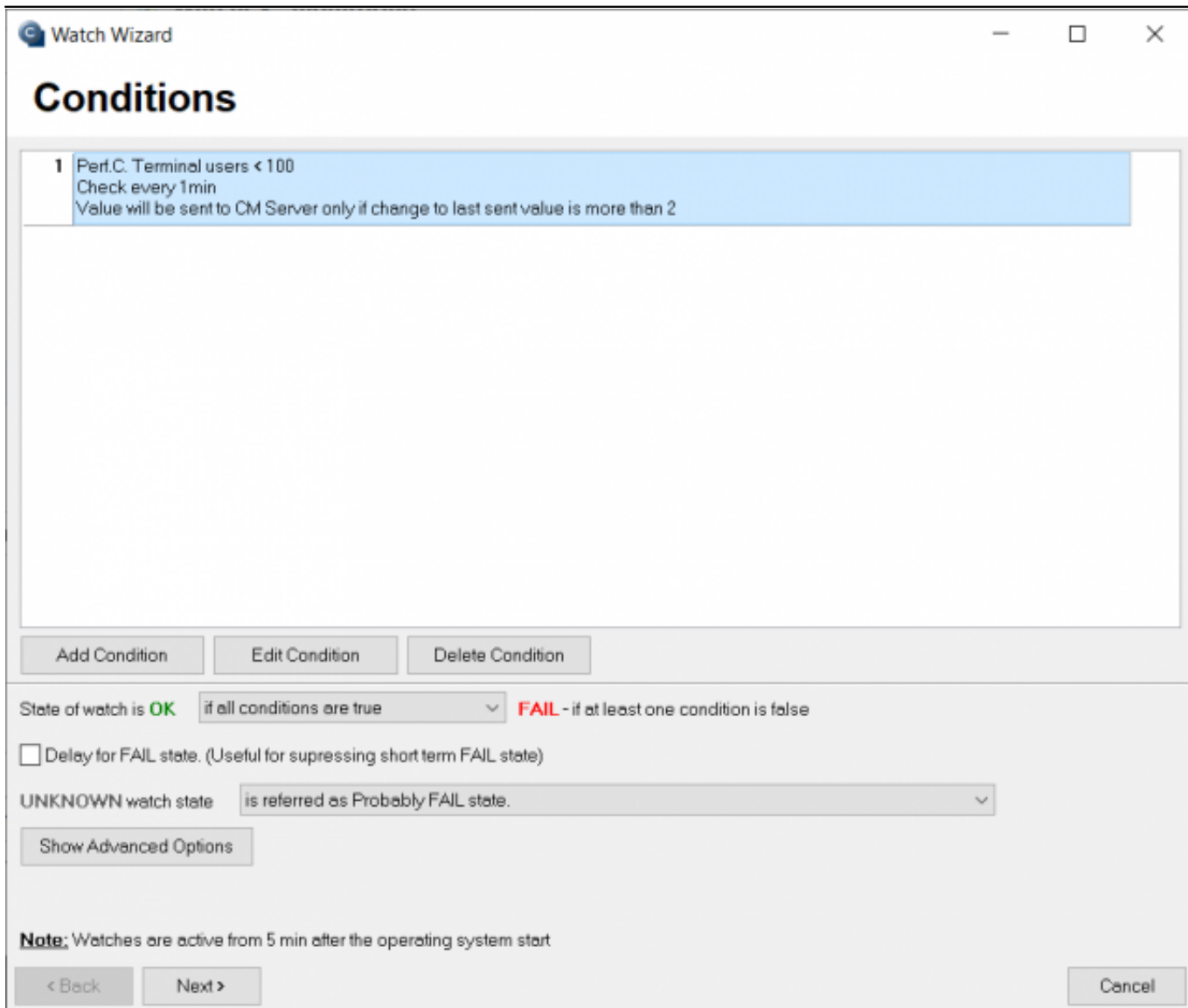
< Back Next > Cancel

[24]

Obrázok: Vstupné údaje k nastaveniu watchu z SQL Transactions And Deadlocks

Terminal active sessions

Watch sleduje počet prihlásených používateľov k terminálovému serveru. Tento údaj môže pomôcť k vysvetleniu súvislosti s inými monitorovanými údajmi.



Watch Wizard

Conditions

1 Perf.C. Terminal users < 100
Check every 1min
Value will be sent to CM Server only if change to last sent value is more than 2

Add Condition Edit Condition Delete Condition

State of watch is **OK** if all conditions are true **FAIL** - if at least one condition is false

☐ Delay for FAIL state. (Useful for supressing short term FAIL state)

UNKNOWN watch state is referred as Probably FAIL state.

Show Advanced Options

Note: Watches are active from 5 min after the operating system start

< Back Next > Cancel

[25]

Obrázok: Vstupné údaje k nastaveniu watchu z Terminal active sessions

Date:

17.12.2021

Odkazy

[1]

https://www.customermonitor.sk/sites/default/files/lkona_wizard_v_okne_Watches_-_monitoring.png

[2] https://www.customermonitor.sk/sites/default/files/Preddefinovane_sablony_na_sledovanie_zdravia_systemov.png

[3] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_APC_UPS_Low_energy.png

[4] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_APC_UPS_Status.png

[5] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_APC_UPS.png

[6] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_Eaton_UPS_MGE_UPS_Status.png

[7] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_Eaton_UPS_MGE_UPS_Status.png

[8] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_MS_SQL_

-_Access_test.png

[9] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_NAS_QNAP.png

[10] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_NAS_QNAP.png

[11] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_NAS_SYNOLOGY.png

[12] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_NAS_SYNOLOGY.png

[13] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_VMware_ESX_6.5-U2_and_higher_health_plugin.png

[14] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_VMware_ESX_health_plugin.png

[15] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_VMware_ESX_only_Free_Space.png

[16] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_VMware_ESX_only_Free_Space.png

[17] https://www.customermonitor.sk/sites/default/files/Ikona_wizard_v_okne_Watches_-_monitoring_0.png

[18] https://www.customermonitor.sk/sites/default/files/Preddefinovane_sablony_na_sledovanie_vykonu_systemov.png

[19] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_General_performance.png

[20] https://www.customermonitor.sk/sites/default/files/Priklad_watchu_s_nacitanymi_udajmi_z_General_performance.png

[21] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_MS_SQL_Query_response_time.png

[22] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_MS_SQL_Query_with_table_response_time.png

[23] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_SQL_Memory_Page_splits_Users.png

[24] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_SQL_Transactions_And_Deadlocks.png

[25] https://www.customermonitor.sk/sites/default/files/Vstupne_udaje_k_nastaveniu_watchu_z_Terminal_active_sessions.png