

Nové Watches šablóny pre malé NAS

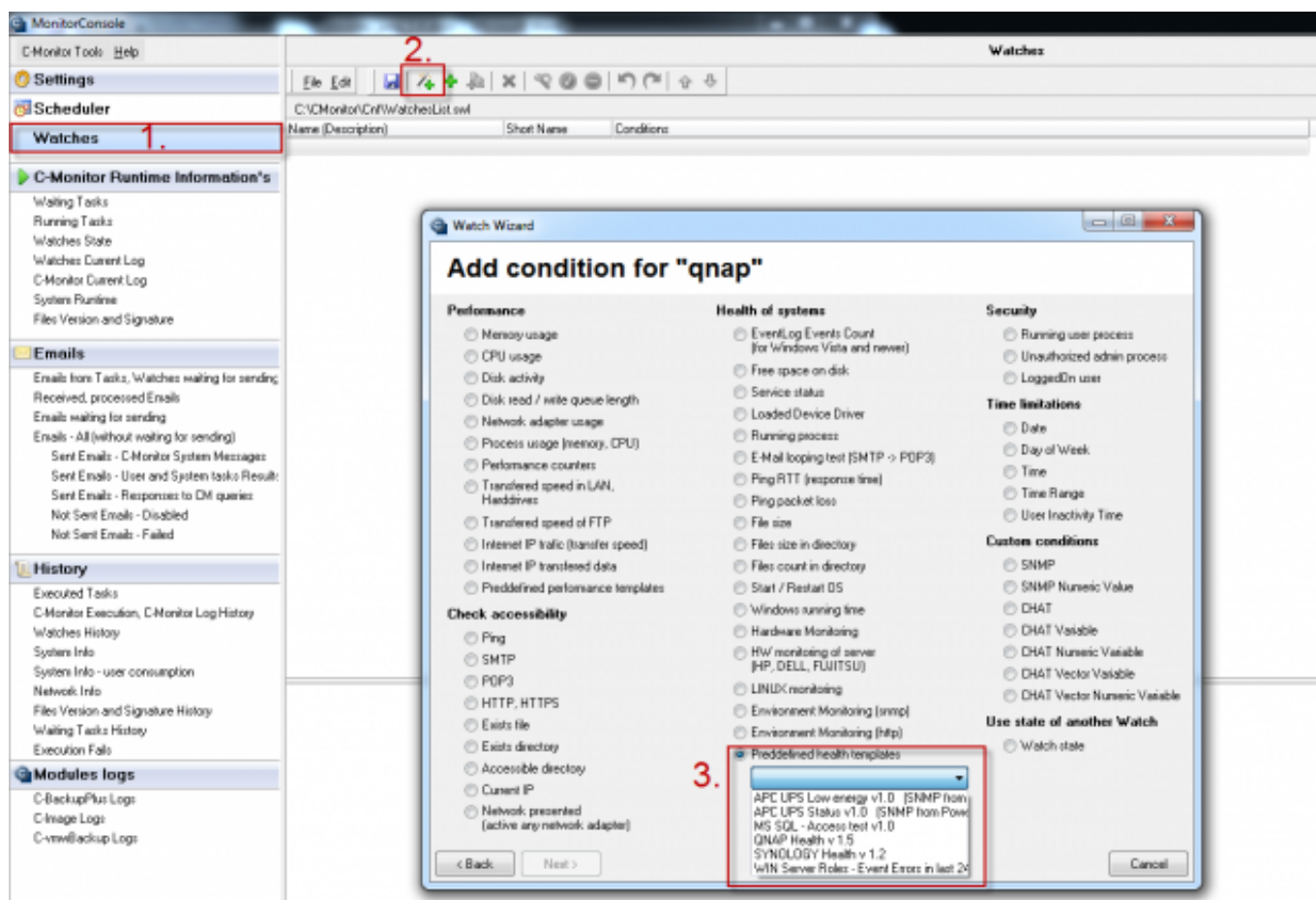
Tieto šablóny vám pomôžu nastaviť monitoring stavu sieťových diskových NAS zariadení výrobcov QNAP a Synology. Pri sledovaní NAS sa sleduje stav RAID poľa, stav a teplota diskov, funkčnosť ventilátorov a pod., takže máte okamžitý obraz o stave vášho zariadenia a predídete tak zbytočným zlyhaniam. V prípade problému (napríklad zlyhania jedného disku v RAID, vysokej teplote) budete ihneď informovaní. Komunikácia prebieha prostredníctvom SNMP.

1. Sledovanie stavu NAS od firiem QNAP, Synology

Pridanie Watchu pre sledovanie stavu NAS zariadení nastavíte pomocou C-Monitor klienta v časti *Watches*, ako je znázornené na nasledujúcom obrázku.

Všetky šablóny na sledovanie NAS sa nachádzajú v časti *Preddefined Health Templates*.

Vyberiete si zariadenie, ktoré chcete monitorovať a kliknete na tlačidlo *Next*.



Obrázok: Nastavenie watchu pre monitoring NAS

Na nasledujúcom okne si nastavíte IP adresu QNAP zariadenia a údaje potrebné pre SNMP komunikáciu. Následne kliknete na tlačidlo *Next*.

Watch Wizard

QNAP Health v 1.5

Script Name
QNAP Health v 1.5

Script

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

Test, Edit Script

Operation: Successful Test Period: 2 Unit: min

Value from this condition send to CM server

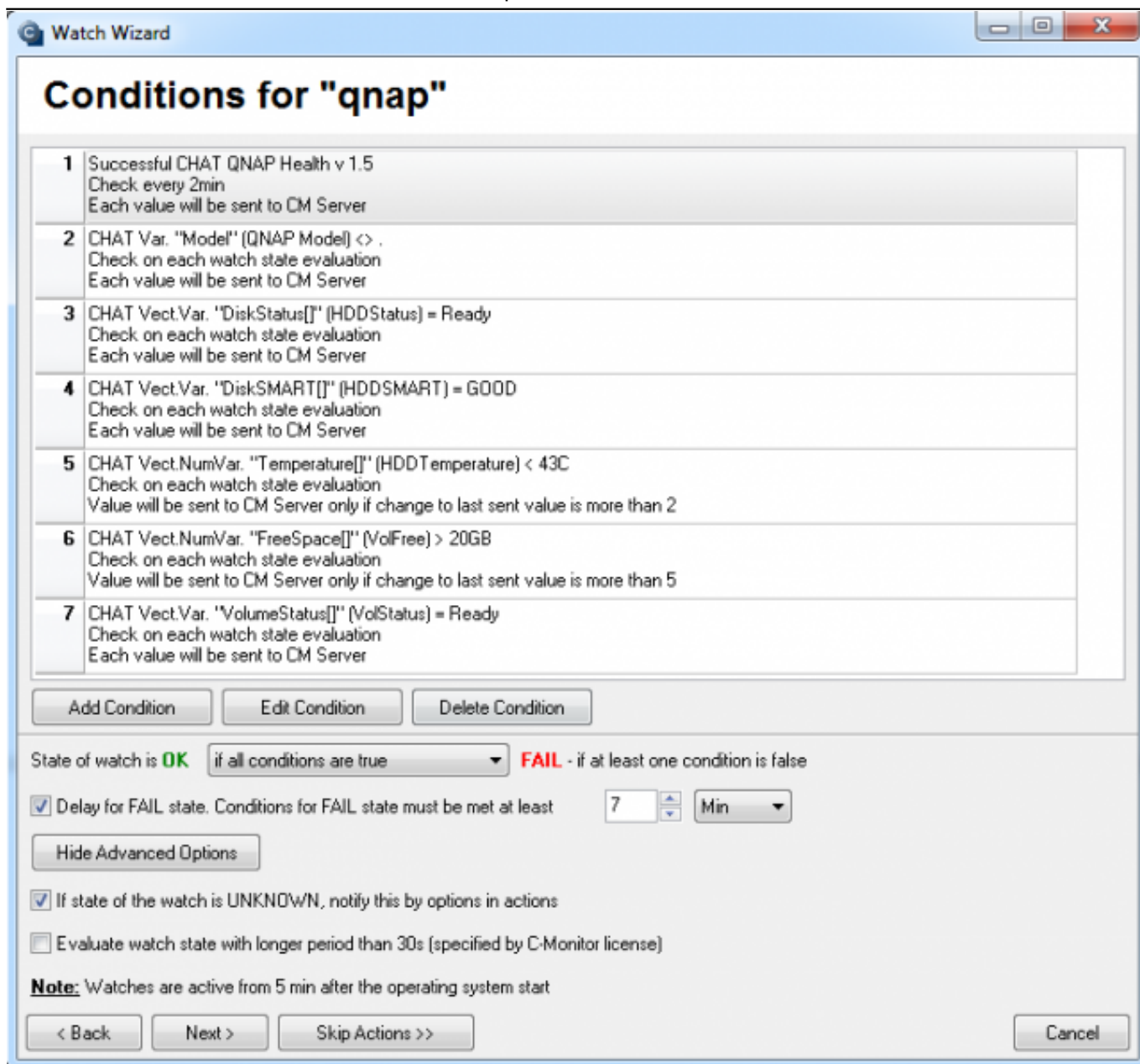
☒ Always
☐ Never

☐ Assess the state of watch

< Back Next > Cancel

Obrázok: Nastavenie monitoringu pre QNAP

V nasledujúcom okne sa vám vypíšu všetky preddefinované podmienky, ktoré sa pre QNAP zariadenie budú sledovať a vyhodnocovať.



The screenshot shows the 'Watch Wizard' window with the title 'Conditions for "qnap"'. It contains a list of seven conditions for monitoring a QNAP device. Below the list are buttons for 'Add Condition', 'Edit Condition', and 'Delete Condition'. At the bottom, there are options to set the state of the watch (OK or FAIL), a delay for the FAIL state (set to 7 minutes), and checkboxes for advanced options like 'If state of the watch is UNKNOWN, notify this by options in actions' and 'Evaluate watch state with longer period than 30s'. A note states: 'Watches are active from 5 min after the operating system start'. Navigation buttons at the bottom include '< Back', 'Next >', 'Skip Actions >>', and 'Cancel'.

Condition ID	Condition Description
1	Successful CHAT QNAP Health v 1.5 Check every 2min Each value will be sent to CM Server
2	CHAT Var. "Model" (QNAP Model) <> . Check on each watch state evaluation Each value will be sent to CM Server
3	CHAT Vect.Var. "DiskStatus[]" (HDDStatus) = Ready Check on each watch state evaluation Each value will be sent to CM Server
4	CHAT Vect.Var. "DiskSMART[]" (HDDSMART) = GOOD Check on each watch state evaluation Each value will be sent to CM Server
5	CHAT Vect.NumVar. "Temperature[]" (HDDTemperature) < 43C Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 2
6	CHAT Vect.NumVar. "FreeSpace[]" (VolFree) > 20GB Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 5
7	CHAT Vect.Var. "VolumeStatus[]" (VolStatus) = Ready Check on each watch state evaluation Each value will be sent to CM Server

Buttons: 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 7 Min

Hide Advanced Options

☒ If state of the watch is UNKNOWN, notify this by options in actions

☐ Evaluate watch state with longer period than 30s (specified by C-Monitor license)

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

Buttons: < Back, Next >, Skip Actions >>, Cancel

Obrázok: Sledované parametre pre QNAP

V nasledujúcom okne je prehľad preddefinovaných podmienok, ktoré sa budú vyhodnocovať pre zariadenie Synology. Postup vytvorenia Watchu je rovnaký ako pre QNAP.

The screenshot shows the 'Watch Wizard' window with the title 'Conditions for "synology"'. It contains a list of six conditions for monitoring a Synology NAS. Below the list are buttons for 'Add Condition', 'Edit Condition', and 'Delete Condition'. The 'State of watch is' section shows 'OK' (green) and 'FAIL' (red) states, with a dropdown menu set to 'if all conditions are true'. There is a checkbox for 'Delay for FAIL state' with a value of 7 and a 'Min' dropdown. A 'Hide Advanced Options' button is present. There are also checkboxes for 'If state of the watch is UNKNOWN, notify this by options in actions' and 'Evaluate watch state with longer period than 30s'. A note states: 'Note: Watches are active from 5 min after the operating system start'. At the bottom are buttons for '< Back', 'Next >', 'Skip Actions >>', and 'Cancel'.

Condition ID	Condition Description
1	Successful CHAT SYNOLOGY Health v 1.2 Check every 2min Each value will be sent to CM Server
2	CHAT Var. 'Model' (Synology Model) <> . Check on each watch state evaluation Each value will be sent to CM Server
3	CHAT Vect.Var. 'DiskStatus[]' (HDDStatus) = Normal Check on each watch state evaluation Each value will be sent to CM Server
4	CHAT Vect.NumVar. 'Temperature[]' (HDDTemperature) < 43C Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 2
5	CHAT Vect.NumVar. 'FreeSpace[]' (StorageFree) > 20GB Check on each watch state evaluation Value will be sent to CM Server only if change to last sent value is more than 5
6	CHAT Vect.Var. 'RaidStatus[]' (RStatus) = Normal Check on each watch state evaluation Each value will be sent to CM Server

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 7 Min

☐ If state of the watch is UNKNOWN, notify this by options in actions

☐ Evaluate watch state with longer period than 30s (specified by C-Monitor license)

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

Obrázok: Sledované parametre pre Synology

V prípade, že niektorý parameter začne byť chybný, budete o tom včas informovaní buď e-mailom z CM Servera, alebo ak si nastavíte akciu, môže to byť e-mailom alebo priamo SMS správou.

Date:

8.1.2014