ESX plugin is functional since the version VMware ESX 5.0, to set a watch for monitoring of vmware ESX servers through ESX plugin, you must know the ESX server's IP address and you need to have a valid login and password. For correct function, you must enable ILO on the server, and set a valid IP address to it.

R

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After fulfilling the basic conditions and setup, move to Scheduler where you'll configure the monitoring. Press the button *add Watch* using the wizard as shown on the next image and enter name of the Watch.



Image: Vytvorenie watchu pre monitoring ESX servera

Subsequently, select from the item *Preddefined health templates* a template called VMw*are ESX health plugin,* as displayed on the next image.



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MonitorConsole					
C-Monitor Tools Help			Watchez		. 0
O Settings	Elle Edit	Watch Wizard	(* a a		
@Scheduler	E-VCManitor/LDr	Add condition for "	ESX - monitoring SV"		Eval: 30:eo, Send Tinin
Watches	Name (Description	Parlomance	Hadth of earliente	County	
Watches C-Monitor Puntime Information' Wating Take Watches State Watches State Watches Durent Log State Watches Durent Log System Punkine Files Version and Signature Emails Emails Non Tasks. Watches wating for serving Emails Non Tasks. Watches wating for serving Emails Construction of System Neuroge Servit Emails - CMonitor System Neuroge Servit Emails - Disabled Not Servit Emails - Disabled Not Servit Emails - Failed Motifier Beesding Encould Tasks E-Monitor Leeusdon, C-Monitor Log Histop Watches Histop System Info System Info System Info Matches Histop System Info System Info System Info	Nere (Description	Performance Merroy usage CPU usage Oick activity Disk read / write queue length Network adapter usage Process usage tremos, CPU Performance counters Transferred speed in LAN, Harddives Transferred speed in LAN, Harddives Transferred speed of FTP Internet Pharmerod data Preddefined performance templates Check accessibility Prig SMTP PDP3 HITTP, HITTPS Disting file Exists file Exists file Exists directop Cherrol P Network pescented (acfine any network, adapter)	Health of systems EventLogEvents Court To Windows With and newe() Free space on disk. Service status Loaded Device Drive Burning process E-Mail Looping text (SMTP -> POP3) Ping RTT (separate free) Ping Part (separate free) Ping Part (separate free) Ping acket loss Ping sector disk Ping court in directory Stat / Partiel 05 Windows: running time Hadware Micrologi E-Mail Sector 105 Windows: running time Hadware Micrologi E-Invironment Marking (Intro) E-Invironment Harking (Security A Unaufworked admin process Dupation were Date Security Security Date Security Security Date Da	
Network Into Files Version and Signature History Waiting Tasko History Execution Fasts		Ket Net	Synder Headen V.D. SYNDE ORV Headen V.D. Zowane ESX heading header 11 With Server Roles - Event Form in the 2st	Cancel	l I
Modules logs +					

Image: Vyber preddefinovanej šablóny pre ESX plugin

In the next window, enter IP address and login data to the ESX server, then press the button *Test Edit Script,* by which you'll test function of communication between the ESX server and C-Monitor client.

G Watch Wizard	
vmware ESX hea	alth plugin 1.1
Script Name vmware ESX health plugin 1.1	
Script	
Parameter	Value
ESX(i)/vCenter server IP	192.168.1.1
ESX(i)/vCenter server user	root
ESX(i)/vCenter server pass	
Lheck hosts yellow states	
Check hosts 'red' states	
Check health 'Fan'	
Check health 'Other'	
Check health 'Processors'	
Check health 'Software Components'	▼
Operation Test Period Unit	Test, Edit Script
Successful - 5 min	•
Value from this condition send Always Never Assess the state of watch	to CM server
<back next=""></back>	Cancel

Image: Nastavenie IP adresy a prihlasovacích údajov do ESX servera + otestovanie funkčnosti

To launch the script, press the green arrow.

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CHAT Script						
Script Edit Output Wizard						
Script (edit mode)						
PARAMETER "ESX(i)/vCenter e ver IP" Server "192.168.1.1"						
PARAMETER "ESX(i)/vCenter server user" User "root" PARAMETER "ESX(i)/vCenter server pass:password" Pass %N9AR0S8QJM84N8HDGSDNEV92R:						
PARAMETER "Check hosts 'yellow' states:bool" chYellow "T"						
PARAMETER "Check hosts 'red' states:bool" chRed "T"						
PARAMETER "Check health 'Fan':bool" chFan "T"						
PARAMETER "Check health 'Processors':bool" chocher "						
PARAMETER "Check health 'Software Components':bool" chSWComp "T"						
PARAMETER "Check health 'System':bool" chSystem "T"						
PARAMETER "Check health 'Temperature':bool" chTemperature "T"						
PARAMETER "Check health 'Voltage':bool" chVoltage "T" 🗸						
۲ (الساب						
Output						

Image: Spustenie skriptu pre otestovanie funkčnosti vyhodnocovania parametrov ESX servera

Before the execution, you'll be prompted to sign the ESX plugin, a successful creation of the signature is displayed on the following image.



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CHAT Script							
Script Edit Output Wizard	×						
Script (edit mode)							
IF Not(chVoltage) SET X RemoveLines (CmoTer ENDIF Information Show HWName show HWStatus // Names of host SET Health HWNan SaveVar Health // Statuses of h SaveVar HWStatus	Script (edit mode)	Status)					
	ок	Cancel					

Image: Podpísanie spúšťacieho súboru pre ESX plugin

When the connection is successfully tested, press Next. In the next window you'll see a list of parameters, which the ESX plugin evaluates on ESX servers.



<u> </u>	3.8.0	-	L 14	1	
•		atc	n w	/iza	ra.

- 0 **X**

-		_				
Co	onditions for "ESX - monitoring SV"					
1	Successful CHAT vmware ESX health plugin 1.1 Check every 5min Each value will be sent to CM Server	•				
2	CHAT Var. "Product" (Product) <> . Check on each watch state evaluation Each value will be sent to CM Server					
3	CHAT Vect.Var. "Status[]" (HostStatus) = green Check on each watch state evaluation Each value will be sent to CM Server					
4	CHAT Vect.Var. "Model[]" (HostH\W) <> . Check on each watch state evaluation Each value will be sent to CM Server					
5	CHAT Vect.Var. "Red[]" (HostRed) = none Check on each watch state evaluation Each value will be sent to CM Server					
6	CHAT Vect.Var. "Yellow[]" (HostYellow) = none Check on each watch state evaluation Each value will be sent to CM Server					
7	CUAT Machilas "Washkill" (Unifersitia) – aroan	-				
A	dd Condition Delete Condition					
State	of watch is OK if all conditions are true FAIL - if at least one condition is false					
De	lay for FAIL state. (Useful for supressing short term FAIL state)					
	h the second Online					
	e Advanced Oprions					
🔽 lf s	tate of the watch is UNKNOWN, notify this by options in actions					
Ev	aluate watch state with longer period that outs (C-Monitor Tick interval)					
Note:	Watches are active from 5, statter the operating system start					
B	(Back Next) Skip Actions >>					

Image: Zoznam parametrov, ktoré sa budú vyhodnocovať

In the next step, set actions that should be executed, in case the Watch is switched to Fail state.

Watch Wizard	
Set a Start action for "ESX - monitoring SV"	
✓ If state of the watch changes to FAIL, perform START action - execute task, display, log, send notifications	
Start 1	
✓ Enabled If state of the watch changes to FAIL and is FAIL more than 0	
Execute Command Line	
Display Message to User	
Add Message to Log File	
Add Message to EventLog	
Send SMS (via CM server, must be supported by CM server)	
Send E-Mail to custom E-Mail Addresses	
< Back Next >	Cancel

Image: Nastavenie akcií v prípade prechudu watchu do stavu fail

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After passing through the whole wizard, press *Save*, as you can see on the next image.



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Image: Uloženie nastavení watchu

The current state of the Watch can be viewed through C-Monitor client in the section *Watch state*, as is shown on the next image.

C-Monitor Toole Help			Wat Wat	obes State		
O Settings	💷 la 😵					
The Scheduler	Name / Short Name	Value		State E-valuated	Last State Change	State Decolption
Watches	ESX - menitoring 5 V1	W CHAT vnewer ESK teelth plegin 1.1 Product	 successful III VMV_ESOPtagin is too ald 	Z. Apr 2014 Wed, 121211	 Apr 2014 Wed, 120540 	FML - because at least are condition in false TRUE - successful CHMT "services ESt health plugie 1.1" (2.4.2014121511)
C Monitor Runtime Information's		Status em/Une lecal Michael auf inv Incel Red and a New Incel	- green - HP ProLimit ML350 66			TRUE - DRUT Voa, "Problet" : Findust ("P 'NNV_EDPhysin in top off) 0 'T' TRUE - DRUT Voat Va. "Statu([]': exait run local()peru) - geen TRUE - DRUT Voat Va. "Statu([]': exait run local()peru) - geen TRUE - DRUT Voat Va. "Statu([]': exait run local()Poat Va. "Statu([]': exait run l
Waiting Tasks		Heatman Actions Valess and the local	- Device Scones probibly 1 Lowes :			 FRUE - DRAD West Viel (New West Provide and Annual Strengther Provide Terrary Strengther Strengther Terrary Strengther Terrary Strengther Strengther
Running Tasks		Health Plac 1	- 68900			 TRUE - DRAT Vect Via: "Veloal": earl ta local how is reme
Watches State		Healt-Memou	- green			FALSE - CHAT VectVia: "Neidbl("(HWStatus): Senten led: "Missae Ralap Health State) =
Watches Durrent Log		Health HP Smart Anay P410 Earlinder : Embedded : HPSA1	- green			
C Honker Current Leg		HealthEattes on HPSA1	- green			
System Pluntime		Health.Disk.1 on HPSA1: Port 11Box 1 Bay 1: 1385B : Data Disk	= green			
Files Vesion and Signakure		Health Disk 2 on HPGM : Part 11 Box 1 Bay 2 : 1265B : Data Disk	- Green			
		Health.Dink.3 on HPS41: Port 118ox 1 Bay 3: 13858 : Data Dink	- green			
Emails		HealthLogicalVolume 1 on HPSA1 : FIAID 5 : 27350 : Dex 1,2,3	- grean			
Enals han Tarks. Watches waiting he rending		Health Pariet Supply 2 Hummy Full Forent Endoled	- Dreen			
Received, precented Emails		Health Development	- green			
Emails waiting for sending		Headly Salisson Comparison	- Grant			
Emails - All (without waiting for umding)		Haulth Sachary	- red : Wilwass Boligo Health St			
Seet Emails - Obtavitur System Messages		Health Temperature	- (1997)			
Serie Franks (1) are and Station (asks Franks)						
Sank Emails - Planpownes to CM quarter						
Not Sert Emails - Disabled	Name: ESR monitoria	Ng SV				
Not Sect Emply - Failed	SHOTE NUMBER OF					
	Values					
History	CHAT symware ESS	sealth pluger 1.1 successful				
Exercised Locks	Product 1 VII	V_ESAPtign a too oki				
Calendar Francisco, E-Monitor Los Maines	Model.excl.tra.local	HP ProLant NL350 OR				
Lafatrikan Liloton	Red-east trailocal	priver Priver Supply 1 Priver Supply 1: Failure status	Assert (btal 3 errors)			
Contain Index	Yellow.esct.bra.looz	a nune				
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Openent inter- seer controllipton	Fealth #P School Acc	av Pittli Castroller ; Embedded ; #PIAt press				
Photo Marine and Photo Marine	Nealth Battery on H	SA1 green				
Piec Vieton and Signifiant Hotoy	Realth Disk 1 on HP	SAT : Port 9 Box 1 Bay 1 : 120GB : Data Disk. green				
Wang Tana Hangy	Health Diak 2 on HP	SA1 : Port 1 Box 1 Bay 2 : 139GB : Data Blak green				
Electronic P 86	Feath Lookal Value	me 1 on HPSA1 : RAD 5 : 27208 : Disk 1.2.3 oreen				
Modules logs	Health Power Suppl	y 2: Running Fail Power-Enabled green				
C BackupPlus Lage	Reallh.Fan green					
C-Inveger Logo	Feath Processors	green				
C-vm+Backup Logr	Fealth System red	VM wate Rollup Health State				
	Health Temperature	p green				
		-				
	state Description	i na contina is false				
	> TRUE - successful (NAT "Vitware ESX health slugh 1.1" (2.4.2014 12:15:11)				
	THE PROPERTY OF					

Image: Zobarazenie aktuálneho stavu watchu cez C-Monitor klienta

The Watch's state can be viewed also on CM portal, in the section *Presentation and Evaluation* -> *Presentation* -> *Watches (online monitoring).*



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Continue information Definition information Definition	ESX SA serve	CHAT ESK hauth over plugin 5.1 Becken M Product Villeare ESK 50.5 build 4898/2 Status event 18 local grads Model seri 18 local HP Produme ESK 500 C7 Red esc 18 local HP Produme ESK 500 C7 Red esc 18 local HP Produme ESK 500 C7 Red esc 18 local Holds Provi 18 local Health Sharet Predimers Suppris Predim Power Su	17 Hore 2014 Til 225 170	DK - Instance all conditions are line • TBUE - sourceshi (CHATTER) • TBUE - CHATTER • TBUE - CHATTE	103745	3897499.45	BA - Sevenvea, Baslagi	3. Ayr 2014 11.20.48	Silinal	~ ~

Image: Zobrazenie stavu ESX servera prostredníctvom CM portálu Date: 02/17/2014