

Création des alertes par mail



Dans l'onglet « Data Collection », puis « Hosts » :

The screenshot shows the Zabbix web interface at the URL <https://zabbix.medilab.com/zabbix.php?action=host.list>. The left sidebar is expanded to 'Data collection' > 'Hosts'. The main table lists 17 hosts. The 'Zabbix server' host is highlighted in blue. Below the table, there are buttons for '0 selected', 'Enable', 'Disable', 'Export', 'Mass update', and 'Delete'. The bottom status bar shows 'Displaying 17 of 17 found'.

Name	Items	Triggers	Graphs	Discovery	Web	Interface	Proxy	Templates	Status	Availability	Agent encryption	Info	Tags
AD-DNS-DHCP	Items 104	Triggers 72	Graphs 11	Discovery 4	Web	172.16.113.17-10050		Windows by Zabbix agent	Enabled	ZBX	None		
DHCP-2	Items 94	Triggers 62	Graphs 11	Discovery 4	Web	172.16.113.18-10050		Windows by Zabbix agent	Enabled	ZBX	None		
glpi1	Items 102	Triggers 36	Graphs 18	Discovery 5	Web	172.16.113.97-10050		Apache by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
glpi2	Items 102	Triggers 36	Graphs 18	Discovery 5	Web	172.16.113.98-10050		Apache by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA01	Items 80	Triggers 35	Graphs 14	Discovery 6	Web	172.16.113.99-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA01web	Items 80	Triggers 34	Graphs 14	Discovery 6	Web	172.16.113.101-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA02	Items 80	Triggers 34	Graphs 14	Discovery 6	Web	172.16.113.100-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA02web	Items 80	Triggers 34	Graphs 14	Discovery 6	Web	172.16.113.102-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
R-HMS	Items 187	Triggers 106	Graphs 18	Discovery 8	Web	172.16.113.93-161		Cisco IOS by SNMP	Enabled	SNMP	None		
R-TORWRT	Items 186	Triggers 104	Graphs 18	Discovery 8	Web	172.16.113.92-161		Cisco IOS by SNMP	Enabled	SNMP	None		
RockySysLog	Items 73	Triggers 30	Graphs 14	Discovery 3	Web	172.16.113.57-10050		Linux by Zabbix agent	Enabled	ZBX	None		
RockyWiki	Items 73	Triggers 30	Graphs 14	Discovery 3	Web	172.16.113.25-10050		Linux by Zabbix agent	Enabled	ZBX	None		
srvweb1	Items 93	Triggers 36	Graphs 18	Discovery 4	Web	172.16.113.103-10050		Linux by Zabbix agent, Nginx by Zabbix agent	Enabled	ZBX	None		
srvweb2	Items 93	Triggers 36	Graphs 18	Discovery 4	Web	172.16.113.104-10050		Linux by Zabbix agent, Nginx by Zabbix agent	Enabled	ZBX	None		
SW-MAMG	Items 356	Triggers 168	Graphs 38	Discovery 8	Web	172.16.113.82-161		Cisco IOS by SNMP	Enabled	SNMP	None		
Veeam	Items 126	Triggers 93	Graphs 11	Discovery 4	Web	172.16.113.1-10050		Windows by Zabbix agent	Enabled	ZBX	None		
Zabbix server	Items 134	Triggers 74	Graphs 25	Discovery 5	Web	127.0.0.1-10050		Linux by Zabbix agent, Zabbix server health	Enabled	ZBX	None		

Sélectionnez le trigger de la machine pour laquelle nous voulons créer une alerte :

The screenshot shows the Zabbix web interface with the 'Hosts' list. The 'Zabbix server' host is selected, and the 'Triggers' column for this host is highlighted with a red box. The 'Triggers' column shows 74 triggers for the 'Zabbix server' host.

Name	Items	Triggers	Graphs	Discovery	Web	Interface	Proxy	Templates	Status	Availability	Agent encryption	Info	Tags
AD-DNS-DHCP	Items 104	Triggers 72	Graphs 11	Discovery 4	Web	172.16.113.17-10050		Windows by Zabbix agent	Enabled	ZBX	None		
DHCP-2	Items 94	Triggers 62	Graphs 11	Discovery 4	Web	172.16.113.18-10050		Windows by Zabbix agent	Enabled	ZBX	None		
glpi1	Items 102	Triggers 36	Graphs 18	Discovery 5	Web	172.16.113.97-10050		Apache by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
glpi2	Items 102	Triggers 36	Graphs 18	Discovery 5	Web	172.16.113.98-10050		Apache by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA01	Items 80	Triggers 35	Graphs 14	Discovery 6	Web	172.16.113.99-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA01web	Items 80	Triggers 34	Graphs 14	Discovery 6	Web	172.16.113.101-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA02	Items 80	Triggers 34	Graphs 14	Discovery 6	Web	172.16.113.100-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
HA02web	Items 80	Triggers 34	Graphs 14	Discovery 6	Web	172.16.113.102-10050		HAProxy by Zabbix agent, Linux by Zabbix agent	Enabled	ZBX	None		
R-HMS	Items 187	Triggers 106	Graphs 18	Discovery 8	Web	172.16.113.93-161		Cisco IOS by SNMP	Enabled	SNMP	None		
R-TORWRT	Items 186	Triggers 104	Graphs 18	Discovery 8	Web	172.16.113.92-161		Cisco IOS by SNMP	Enabled	SNMP	None		
RockySysLog	Items 73	Triggers 30	Graphs 14	Discovery 3	Web	172.16.113.57-10050		Linux by Zabbix agent	Enabled	ZBX	None		
RockyWiki	Items 73	Triggers 30	Graphs 14	Discovery 3	Web	172.16.113.25-10050		Linux by Zabbix agent	Enabled	ZBX	None		
srvweb1	Items 93	Triggers 36	Graphs 18	Discovery 4	Web	172.16.113.103-10050		Linux by Zabbix agent, Nginx by Zabbix agent	Enabled	ZBX	None		
srvweb2	Items 93	Triggers 36	Graphs 18	Discovery 4	Web	172.16.113.104-10050		Linux by Zabbix agent, Nginx by Zabbix agent	Enabled	ZBX	None		
SW-MAMG	Items 356	Triggers 168	Graphs 38	Discovery 8	Web	172.16.113.82-161		Cisco IOS by SNMP	Enabled	SNMP	None		
Veeam	Items 126	Triggers 93	Graphs 11	Discovery 4	Web	172.16.113.1-10050		Windows by Zabbix agent	Enabled	ZBX	None		
Zabbix server	Items 134	Triggers 74	Graphs 25	Discovery 5	Web	127.0.0.1-10050		Linux by Zabbix agent, Zabbix server health	Enabled	ZBX	None		

Cliquez sur « Créer un Trigger » :

The screenshot shows the Zabbix Triggers configuration page. The 'Create trigger' button is highlighted in the top right corner. The page displays a list of triggers for host 'srvweb2'. The triggers are as follows:

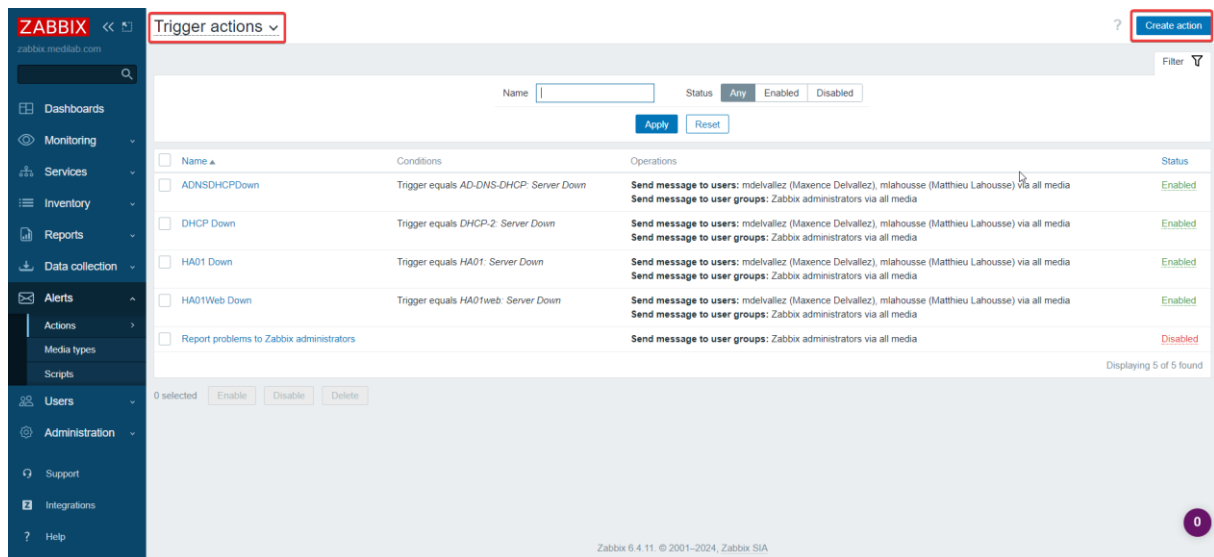
Severity	Value	Name	Operational data	Expression	Status	Info	Tags
Average	OK	Mounted filesystem discovery: /: Disk space is critically low	Space used: (ITEM LASTVALUE3) of (ITEM LASTVALUE2) (ITEM LASTVALUE1)	<code>last(srvweb2/vfs.fs.dependent.size/pused)>(\$VFS FS PUSED MAX CRIT?"") and ((last(srvweb2/vfs.fs.dependent.size/total)-last(srvweb2/vfs.fs.dependent.size/used))<(\$VFS FS FREE MIN CRIT?"") or timeleft(srvweb2/vfs.fs.dependent.size/pused),1h,100)<1d)</code>	Enabled	scope: availability scope: capacity	
Warning	OK	Mounted filesystem discovery: /: Disk space is low Depends on: srvweb2 /: Disk space is critically low	Space used: (ITEM LASTVALUE3) of (ITEM LASTVALUE2) (ITEM LASTVALUE1)	<code>last(srvweb2/vfs.fs.dependent.size/pused)>(\$VFS FS PUSED MAX WARN?"") and ((last(srvweb2/vfs.fs.dependent.size/total)-last(srvweb2/vfs.fs.dependent.size/used))<(\$VFS FS FREE MIN WARN?"") or timeleft(srvweb2/vfs.fs.dependent.size/pused),1h,100)<1d)</code>	Enabled	scope: availability scope: capacity	
Average	OK	Mounted filesystem discovery: /: Filesystem has become read only		<code>Problem: last(srvweb2/vfs.fs.dependent/readonly)#2=0 and last(srvweb2/vfs.fs.dependent/readonly)#1</code>	Enabled	scope: availability scope: performance	

A l'aide d'un « Ctrl » + F recherchez « available » afin de sélectionner l'agent qui indique si la machine est allumée ou non :

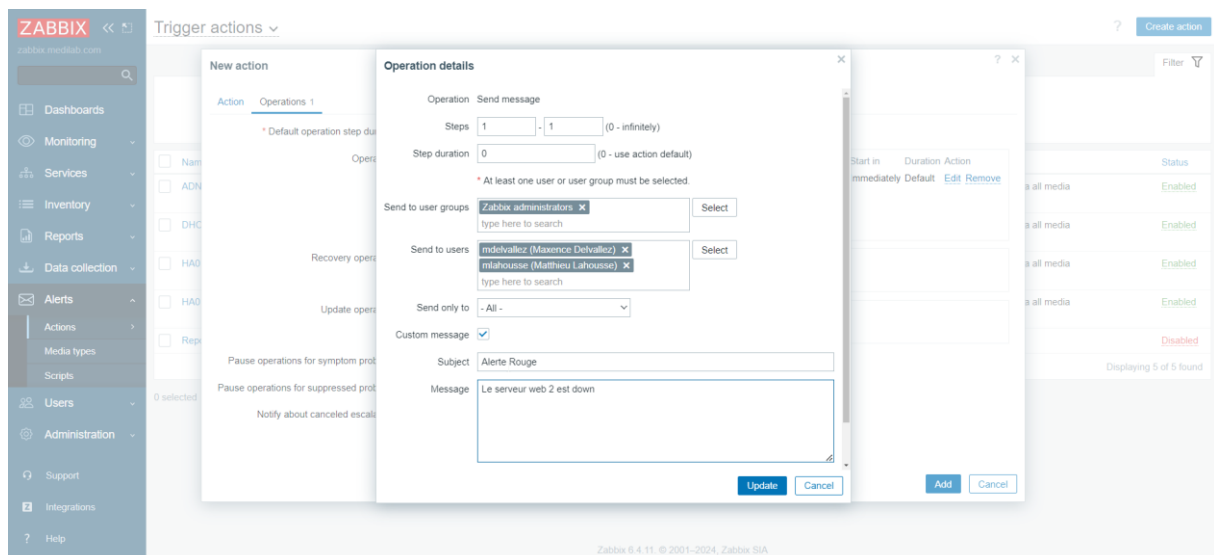
The screenshot shows the Zabbix Triggers configuration page with the 'Items' dialog box open. The dialog displays a list of items for host 'srvweb2'. The items are as follows:

Host	Item	Key	Agent	Character	Status
Linux: System name	system.hostname	system.hostname	Zabbix agent	Character	Enabled
Linux: System uptime	system.uptime	system.uptime	Zabbix agent	Numeric (unsigned)	Enabled
Linux: Total memory	vm.memory.size[total]	vm.memory.size[total]	Zabbix agent	Numeric (unsigned)	Enabled
Linux: Total swap space	system.swap.size[total]	system.swap.size[total]	Zabbix agent	Numeric (unsigned)	Enabled
Linux: Version of Zabbix agent running	agent.version	agent.version	Zabbix agent	Character	Enabled
Linux: Zabbix agent availability	zabbix[host.agent.availability]	zabbix[host.agent.availability]	Zabbix internal	Numeric (unsigned)	Enabled
Linux: Zabbix agent ping	agent.ping	agent.ping	Zabbix agent	Numeric (unsigned)	Enabled
Nginx: Connections accepted per second	nginx.connections.accepted.rate	nginx.connections.accepted.rate	Dependent item	Numeric (float)	Not supported
Nginx: Connections active	nginx.connections.active	nginx.connections.active	Dependent item	Numeric (unsigned)	Not supported
Nginx: Connections dropped per second	nginx.connections.dropped.rate	nginx.connections.dropped.rate	Dependent item	Numeric (float)	Not supported

Dans l'onglet « Alertes » puis « Action » allez dans « Trigger actions », puis faire « créer une action » :



Ajouter tous les details nécessaires (destinataires et messages personnalisés)



Récapitulatif de l'alerte :

The screenshot shows the Zabbix web interface for configuring trigger actions. A 'New action' dialog box is open, displaying the 'Operations' tab. The dialog includes a 'Default operation step duration' set to '1h'. Under 'Operations', there is one step with the following details: 'Send message to users: mdelvallez (Maxence Delvallez), mlahousse (Matthieu Lahousse) via all media' and 'Send message to user groups: Zabbix administrators via all media'. Below this, there are sections for 'Recovery operations', 'Update operations', and checkboxes for 'Pause operations for symptom problems', 'Pause operations for suppressed problems', and 'Notify about canceled escalations'. The background shows a list of configured actions with columns for Name, Start in, Duration, Action, and Status.

Exemple d'alerte que l'on a configurée :

The screenshot shows a Zabbix alert notification for 'Alerte Rouge'. The notification is from Maxence DELVALLEZ to Matthieu LAHOUSSE. The message states 'Le serveur Rocky Wiki est down'. The notification includes a timestamp 'Jeu 23/05/2024 14:53' and buttons for 'Répondre' (Reply) and 'Transférer' (Transfer).