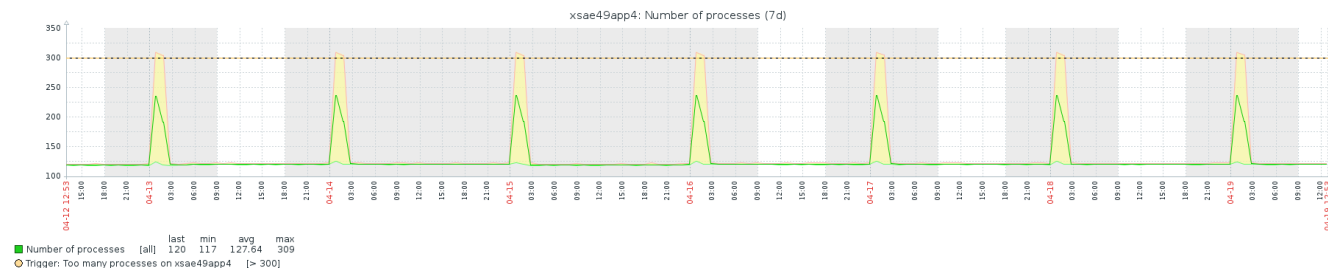


ZABBIX

Modifier un trigger

Thomas Calatayud

Après l'installation d'un template sur un hôte, nous pouvons constater, comme sur le [graphique](#) ci-dessous, que régulièrement à la même heure, une alerte est levée par un trigger de zabbix. Après analyse du problème, on s'aperçoit que ce trigger est levé suite à une tâche que nous avons planifiée. Donc, nous souhaiterions ne pas recevoir d'alertes pour ce genre de problème dont nous sommes conscient, sans pour autant ne plus recevoir d'alertes si le même problème est relevé lors d'une autre période que nous ne contrôlons pas.



Solution

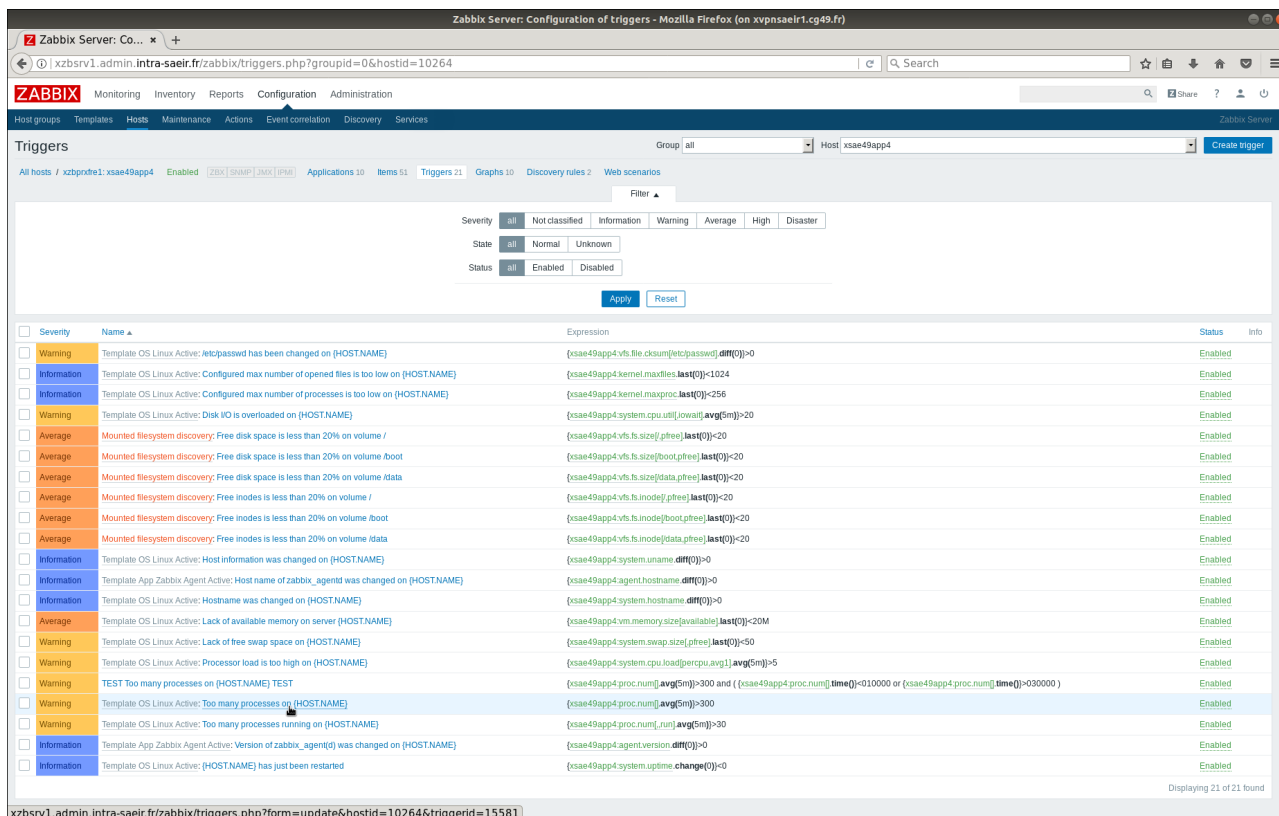
Modifier le trigger en question

Une solution est de modifier le trigger relevant cette alerte et faire en sorte qu'il ne la relève plus lors de cette période.

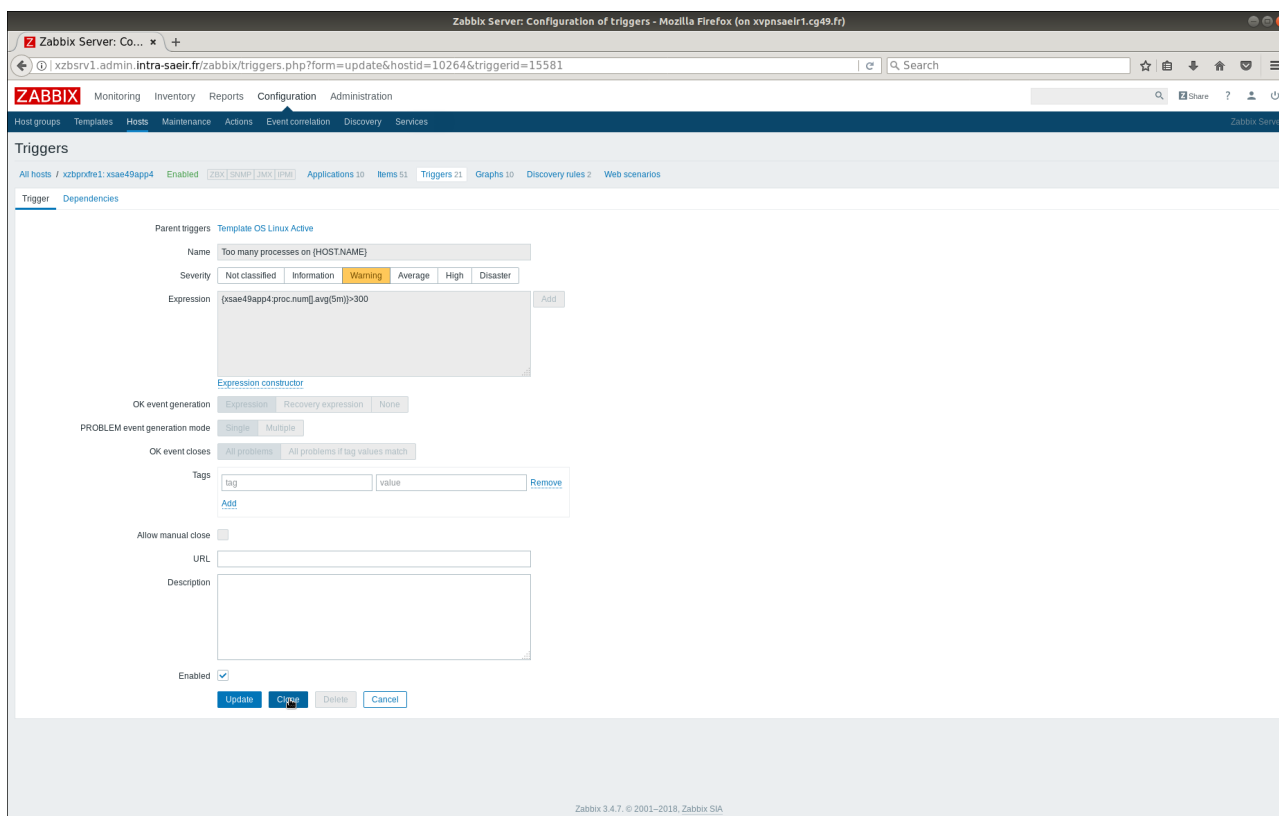
1. Identifier l'hôte et afficher la liste des triggers

Zabbix Server: Configuration of hosts - Mozilla Firefox (on xpsnaser1.cg49.fr)											
ZABBIX Monitoring Inventory Reports Configuration Administration											
Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services											
Hosts											
Filter											
Name DNS IP Port											
Apply Reset											
<input type="checkbox"/>	Name	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Templates	Status	Availability
<input type="checkbox"/>	xzbpndm1:ilo-ovs101	Applications 6	Items 28	Triggers 25	Graphs 4	Discovery 3	Web	172.17.103.101:161	HP Server Health Template (Template Module ICMP Ping)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:nagpe	Applications 6	Items 610	Triggers 132	Graphs	Discovery 5	Web	172.17.3.205:161	Template SNMP NetApp cDot	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:napiem	Applications 6	Items 510	Triggers 112	Graphs	Discovery 5	Web	172.17.72.206:161	Template SNMP NetApp cDot	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:ovs101	Applications 10	Items 115	Triggers 37	Graphs 30	Discovery 2	Web	172.17.3.101:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:ovs102	Applications 10	Items 155	Triggers 37	Graphs 50	Discovery 2	Web	172.17.3.102:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:ovs103	Applications 10	Items 159	Triggers 37	Graphs 52	Discovery 2	Web	172.17.3.103:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:ovs104	Applications 10	Items 155	Triggers 37	Graphs 50	Discovery 2	Web	172.17.3.104:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:ovs105	Applications 10	Items 124	Triggers 31	Graphs 39	Discovery 2	Web	172.17.3.105:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xrevproxy1	Applications 10	Items 44	Triggers 18	Graphs 8	Discovery 2	Web	172.20.0.2:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xrevproxy61	Applications 10	Items 44	Triggers 18	Graphs 8	Discovery 2	Web	172.20.0.3:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae49app2	Applications 10	Items 51	Triggers 20	Graphs 10	Discovery 2	Web	172.20.49.6:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae49app4	Applications 10	Items 51	Triggers 21	Graphs 10	Discovery 2	Web	172.20.49.1:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae49db1	Applications 10	Items 44	Triggers 18	Graphs 8	Discovery 2	Web	172.20.49.3:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae49def1	Applications 10	Items 56	Triggers 22	Graphs 11	Discovery 2	Web	172.20.49.5:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae49int1	Applications 10	Items 56	Triggers 23	Graphs 11	Discovery 2	Web	172.20.49.2:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae49ip1	Applications 10	Items 56	Triggers 22	Graphs 11	Discovery 2	Web	172.20.49.4:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae53app2	Applications 10	Items 51	Triggers 20	Graphs 10	Discovery 2	Web	172.20.53.6:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae53app4	Applications 10	Items 51	Triggers 20	Graphs 10	Discovery 2	Web	172.20.53.1:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae53db1	Applications 10	Items 44	Triggers 18	Graphs 8	Discovery 2	Web	172.20.53.3:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae53def1	Applications 10	Items 56	Triggers 22	Graphs 11	Discovery 2	Web	172.20.53.5:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae53int1	Applications 10	Items 56	Triggers 22	Graphs 11	Discovery 2	Web	172.20.53.2:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae53ip1	Applications 10	Items 56	Triggers 22	Graphs 11	Discovery 2	Web	172.20.53.4:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae72app2	Applications 10	Items 51	Triggers 20	Graphs 10	Discovery 2	Web	172.20.72.6:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae72app4	Applications 10	Items 51	Triggers 20	Graphs 10	Discovery 2	Web	172.20.72.1:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae72db1	Applications 10	Items 44	Triggers 18	Graphs 8	Discovery 2	Web	172.20.72.3:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]
<input type="checkbox"/>	xzbpndm1:xsae72def1	Applications 10	Items 56	Triggers 22	Graphs 11	Discovery 2	Web	172.20.72.5:10050	Template OS Linux Active (Template App Zabbix Agent Active)	Enabled	20x [SNMP] [OK] [PM]

2. Identifier le trigger levant l'alerte



3. Cloner le trigger



Pour garder l'autre trigger intact en cas de nécessité.

4. Modifier l'expression

Zabbix Server: Configuration of triggers - Mozilla Firefox (on xvpnsae1r1.cg49.fr)

Address: xzbsrv1.admin.intra-saeir.fr/zabbix/triggers.php?form=update&hostid=10264&triggerid=17198

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services

Triggers

All hosts / xzbsrv1: xsa49app4 Enabled [TRX] [SNMP] [JMX] [PMR] Applications 10 Items 51 Triggers 21 Graphs 10 Discovery rules 2 Web scenarios

Trigger Dependencies

Name: TEST Too many processes on (HOSTNAME) TEST

Severity: Not classified Information **Warning** Average High Disaster

Expression: (xsa49app4.proc.num[.avg(5m)]>300 and (xsa49app4.proc.num[.time()<110000 or xsa49app4.proc.num[.time()>130000])

OK event generation: Expression Recovery expression None

PROBLEM event generation mode: Single Multiple

OK event closes: All problems All problems if tag values match

Tags: tag value Remove

Allow manual close: ☐

URL:

Description: Ajout de la valeur current time

Enabled: ☒

Update Clone Delete Cancel

Zabbix 3.4.7. © 2001–2018, Zabbix SIA

Cette expression va exclure le trigger pendant la période donnée.

Ou encore

Zabbix Server: Configuration of triggers - Mozilla Firefox (on xvpnsae1r1.cg49.fr)

Address: xzbsrv1.admin.intra-saeir.fr/zabbix/triggers.php

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services

Triggers

All hosts / xzbsrv1: xsa49app4 Enabled [TRX] [SNMP] [JMX] [PMR] Applications 10 Items 51 Triggers 21 Graphs 10 Discovery rules 2 Web scenarios

Trigger Dependencies

Name: Too many processes on (HOSTNAME) during 10 min

Severity: Not classified Information **Warning** Average High Disaster

Expression: (xsa49app4.proc.num[.avg(10m)]>300

OK event generation: Expression Recovery expression None

PROBLEM event generation mode: Single Multiple

OK event closes: All problems All problems if tag values match

Tags: tag value Remove

Allow manual close: ☐

URL:

Description:

Enabled: ☐

Add Cancel

Zabbix 3.4.7. © 2001–2018, Zabbix SIA

Cette expression modifie le trigger pour lever l'alerte seulement si le pic dure plus de 10 minutes.

5. Désactivé le trigger

Zabbix Server: Configuration of triggers - Mozilla Firefox (on xvpnsae1r1.cg49.fr)

1 xzbsrv1.admin.intra-saeir.fr/zabbix/triggers.php?action=trigger.massdisable&hostid=102646&g_triggerid=15581

Triggers

Group: all Host: xsae49app4

Filter

Severity: all Not classified Information Warning Average High Disaster

State: all Normal Unknown

Status: all Enabled Disabled

Apply Reset

<input type="checkbox"/>	Severity	Name	Expression	Status	Info
<input type="checkbox"/>	Warning	Template OS Linux Active: /etc/passwd has been changed on (HOSTNAME)	{xsae49app4.vfs.file.cksum[/etc/passwd]}diff[0]>0	Enabled	
<input type="checkbox"/>	Information	Template OS Linux Active: Configured max number of opened files is too low on (HOSTNAME)	{xsae49app4.kernel.maxfiles.last[0]}<1024	Enabled	
<input type="checkbox"/>	Information	Template OS Linux Active: Configured max number of processes is too low on (HOSTNAME)	{xsae49app4.kernel.maxproc.last[0]}<256	Enabled	
<input type="checkbox"/>	Warning	Template OS Linux Active: Disk I/O is overloaded on (HOSTNAME)	{xsae49app4.system.cpu.util[journal]}avg[5m]>20	Enabled	
<input type="checkbox"/>	Average	Mounted filesystem discovery: Free disk space is less than 20% on volume /	{xsae49app4.vfs.fs.size[/pfree]}last[0]<20	Enabled	
<input type="checkbox"/>	Average	Mounted filesystem discovery: Free disk space is less than 20% on volume /boot	{xsae49app4.vfs.fs.size[/boot/pfree]}last[0]<20	Enabled	
<input type="checkbox"/>	Average	Mounted filesystem discovery: Free disk space is less than 20% on volume /data	{xsae49app4.vfs.fs.size[/data/pfree]}last[0]<20	Enabled	
<input type="checkbox"/>	Average	Mounted filesystem discovery: Free inodes is less than 20% on volume /	{xsae49app4.vfs.fs.inode[/pfree]}last[0]<20	Enabled	
<input type="checkbox"/>	Average	Mounted filesystem discovery: Free inodes is less than 20% on volume /boot	{xsae49app4.vfs.fs.inode[/boot/pfree]}last[0]<20	Enabled	
<input type="checkbox"/>	Average	Mounted filesystem discovery: Free inodes is less than 20% on volume /data	{xsae49app4.vfs.fs.inode[/data/pfree]}last[0]<20	Enabled	
<input type="checkbox"/>	Information	Template OS Linux Active: Host information was changed on (HOSTNAME)	{xsae49app4.system.uname.diff[0]}>0	Enabled	
<input type="checkbox"/>	Information	Template App Zabbix Agent Active: Host name of zabbix_agentd was changed on (HOSTNAME)	{xsae49app4.agent.hostname.diff[0]}>0	Enabled	
<input type="checkbox"/>	Information	Template OS Linux Active: Hostname was changed on (HOSTNAME)	{xsae49app4.system.hostname.diff[0]}>0	Enabled	
<input type="checkbox"/>	Average	Template OS Linux Active: Lack of available memory on server (HOSTNAME)	{xsae49app4.vm.memory.size[available]}last[0]<20M	Enabled	
<input type="checkbox"/>	Warning	Template OS Linux Active: Lack of free swap space on (HOSTNAME)	{xsae49app4.system.swap.size[pfree]}last[0]<50	Enabled	
<input type="checkbox"/>	Warning	Template OS Linux Active: Processor load is too high on (HOSTNAME)	{xsae49app4.system.cpu.load[percpu,avg1]}avg[5m]>5	Enabled	
<input type="checkbox"/>	Warning	Template OS Linux Active: Too many processes on (HOSTNAME)	{xsae49app4.proc.num[avg[5m]]}>300	Disabled	
<input type="checkbox"/>	Warning	Too many processes on (HOSTNAME) - Hors zone 1h-3h	{xsae49app4.proc.num[avg[5m]]}>300 and ({xsae49app4.proc.num[time[0]}<010000 or {xsae49app4.proc.num[time[0]}>030000)	Enabled	
<input type="checkbox"/>	Warning	Template OS Linux Active: Too many processes running on (HOSTNAME)	{xsae49app4.proc.num[run]}avg[5m]>30	Enabled	
<input type="checkbox"/>	Information	Template App Zabbix Agent Active: Version of zabbix_agentd was changed on (HOSTNAME)	{xsae49app4.agent.version.diff[0]}>0	Enabled	
<input type="checkbox"/>	Information	Template OS Linux Active: (HOSTNAME) has just been restarted	{xsae49app4.system.uptime.change[0]}<0	Enabled	

0 selected Enable Disable Copy Mass update Delete

Displaying 21 of 21 found

Zabbix 3.4.7. © 2001–2018, Zabbix SIA

On désactive le trigger original pour garder seulement le trigger que nous avons modifié.

Conclusion

Pendant ce tutoriel nous avons appris à modifier un trigger pour qu'il ne nous envoie plus d'alertes mail pendant une période spécifique.