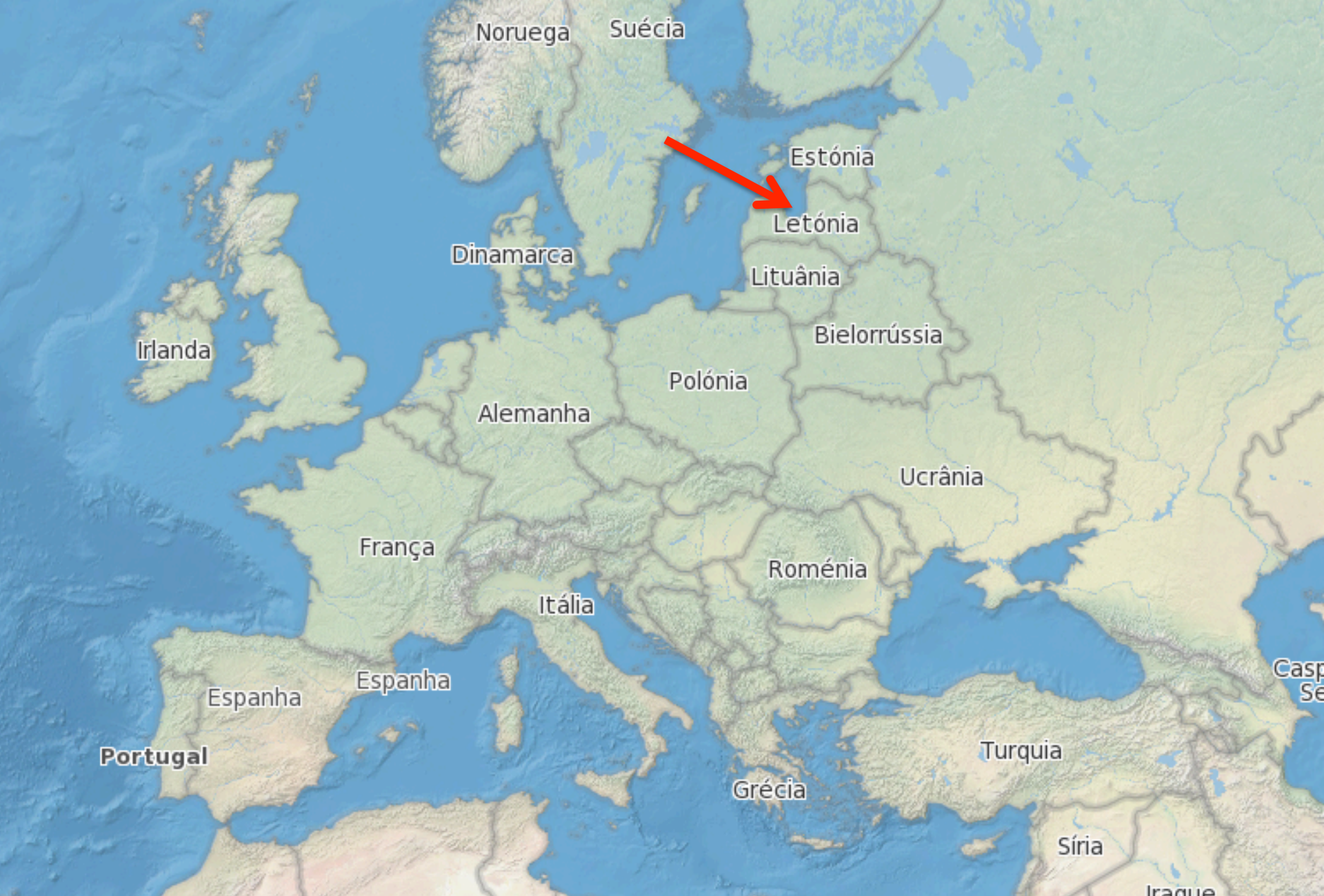


# ZABBIX

*...em cinco minutos*



## Triggers

Displaying 1 to 10 of 10 found

Group all Host all

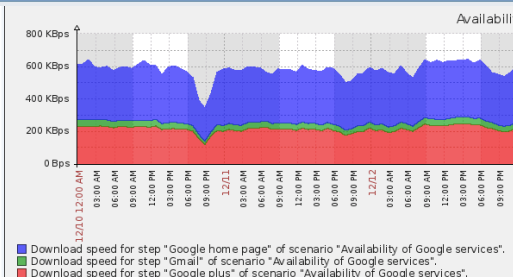
<input type="checkbox"/>	Severity	Status	Info	Last change	Age	Acknowledged	Host	Name	Comments
<input type="checkbox"/>	Warning	PROBLEM		Dec 16th, 2013 03:17:51 AM	24d 11m	Acknowledged (1)	Zabbix server	More than 100 items having missing data for more than 10 minutes	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:59 PM	1m 27d 15h	Acknowledged (1)	JBoss J02	Lack of free swap space on JBoss J02	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:56 PM	1m 27d 15h	Acknowledged (1)	vSphere 004	Lack of free swap space on vSphere 004	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:53 PM	1m 27d 15h	Acknowledged (1)	vSphere 001	Lack of free swap space on vSphere 001	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:40 PM	1m 27d 15h	Acknowledged (1)	JBoss J03	Lack of free swap space on JBoss J03	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:37 PM	1m 27d 15h	Acknowledged (1)	vSphere 005	Lack of free swap space on vSphere 005	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:34 PM	1m 27d 15h	Acknowledged (1)	vSphere 002	Lack of free swap space on vSphere 002	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:18 PM	1m 27d 15h	Acknowledged (1)	JBoss J01	Lack of free swap space on JBoss J01	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 12:03:15 PM	1m 27d 15h	Acknowledged (1)	vSphere 003	Lack of free swap space on vSphere 003	Show
<input type="checkbox"/>	Warning	PROBLEM		Nov 12th, 2013 11:48:30 AM	1m 27d 15h	Acknowledged (1)	Zabbix server	Lack of free swap space on Zabbix server	Show

Bulk acknowledge Go (0)

Zabbix 2.2.0 Copyright 2001-2013 by Zabbix SIA

Connected as 'Admin'

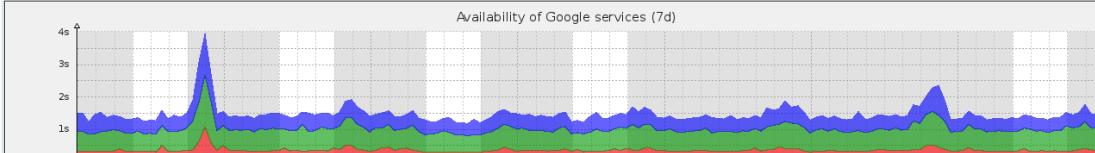
Speed



[avg]	203.98 Kbps	9.72 Kbps	209.66 Kbps
[avg]	203.98 Kbps	9.72 Kbps	209.66 Kbps

Data from trends. Generated in 0.55 sec

Response time



Maps »

Network Devices	0	0	0	0	0	0
Private Cloud	0	0	0	5	0	0
Web servers	0	0	0	0	0	0
Zabbix servers	0	0	0	2	0	0

Updated: 02:41:41 AM

## Host status

Host group	Without problems	With problems	Total
Business System	17	0	17
Clouds	2	0	2
Database servers	2	0	2
JBoss instances	0	3	3

## Alarmística e gráficos integrados num só pacote

Todos os *items* têm gráficos e podem ter alarmes com base em dados actuais e/ou históricos...

History: Configuration of hosts » Configuration of items » Configuration of templates » Configuration of items » Configuration of hosts

## CONFIGURATION OF TRIGGERS

Create trigger

## Triggers


Group all Host vSphere 001

Displaying 1 to 17 of 17 found

[ Hide disabled triggers ]

« Host list Host: vSphere\_001 Monitored  Applications (10) Items (40) Triggers (17) Graphs (9) Discovery rules (2) Web scenarios (0)

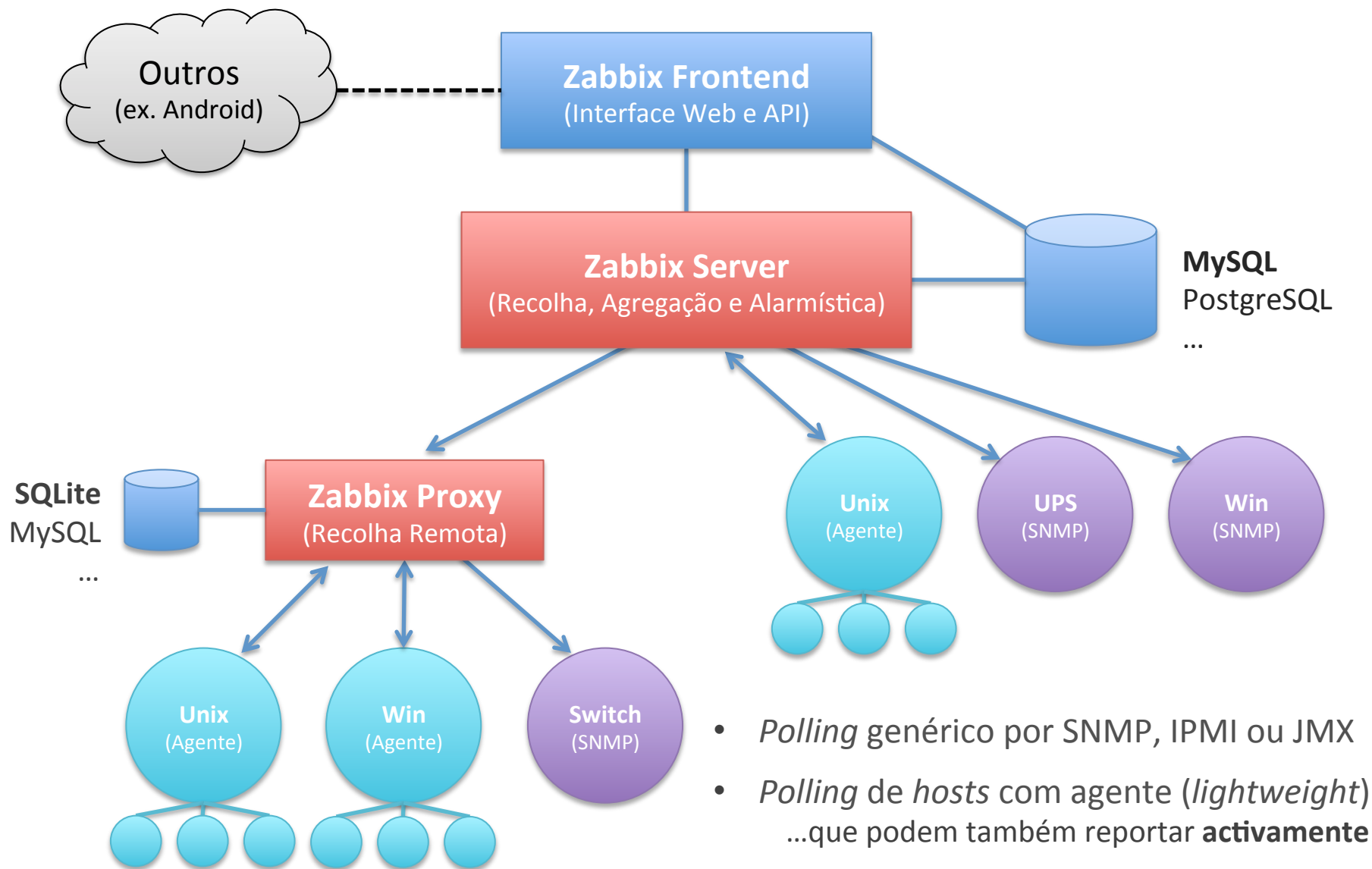
<input type="checkbox"/> Severity	Name 	Expression	Status	Error
<input type="checkbox"/> Warning	Template OS Linux: <a href="#">/etc/passwd has been changed on {HOST.NAME}</a>	{Host001:vfs.file.cksum[/etc/passwd].diff(0)}>0	Enabled	✓
<input type="checkbox"/> Information	Template OS Linux: <a href="#">Configured max number of opened files is too low on {HOST.NAME}</a>	{Host001:kernel.maxfiles.last(0)}<1024	Enabled	✓
<input type="checkbox"/> Information	Template OS Linux: <a href="#">Configured max number of processes is too low on {HOST.NAME}</a>	{Host001:kernel.maxproc.last(0)}<256	Enabled	✓
<input type="checkbox"/> Warning	Template OS Linux: <a href="#">Disk I/O is overloaded on {HOST.NAME}</a>	{Host001:system.cpu.util[,iowait].avg(5m)}>20	Enabled	✓
<input type="checkbox"/> Warning	<a href="#">Mounted filesystem discovery</a> : Free disk space is less than 20% on volume /	{Host001:vfs.fs.size[/,pfree].last(0)}<20	Enabled	✓
<input type="checkbox"/> Warning	<a href="#">Mounted filesystem discovery</a> : Free inodes is less than 20% on volume /	{Host001:vfs.fs.inode[/,pfree].last(0)}<20	Enabled	✓
<input type="checkbox"/> Information	Template OS Linux: <a href="#">Host information was changed on {HOST.NAME}</a>	{Host001:system.uname.diff(0)}>0	Enabled	✓
<input type="checkbox"/> Information	Template App Zabbix Agent: <a href="#">Host name of zabbix_agentd was changed on {HOST.NAME}</a>	{Host001:agent.hostname.diff(0)}>0	Enabled	✓
<input type="checkbox"/> Information	Template OS Linux: <a href="#">Hostname was changed on {HOST.NAME}</a>	{Host001:system.hostname.diff(0)}>0	Enabled	✓
<input type="checkbox"/> Average	Template OS Linux: <a href="#">Lack of available memory on server {HOST.NAME}</a>	{Host001:vm.memory.size[available].last(0)}<20M	Enabled	✓
<input type="checkbox"/> Warning	Template OS Linux: <a href="#">Lack of free swap space on {HOST.NAME}</a>	{Host001:system.swap.size[,pfree].last(0)}<50	Enabled	✓
<input type="checkbox"/> Warning	Template OS Linux: <a href="#">Processor load is too high on {HOST.NAME}</a>	{Host001:system.cpu.load[percpu,avg1].avg(5m)}>5	Enabled	✓
<input type="checkbox"/> Warning	Template OS Linux: <a href="#">Too many processes on {HOST.NAME}</a>	{Host001:proc.num[,].avg(5m)}>300	Enabled	✓
<input type="checkbox"/> Warning	Template OS Linux: <a href="#">Too many processes running on {HOST.NAME}</a>	{Host001:proc.num[,run].avg(5m)}>30	Enabled	✓
<input type="checkbox"/> Information	Template App Zabbix Agent: <a href="#">Version of zabbix_agent(d) was changed on {HOST.NAME}</a>	{Host001:agent.version.diff(0)}>0	Enabled	✓
<input type="checkbox"/> Average	Template App Zabbix Agent: <a href="#">Zabbix agent on {HOST.NAME} is unreachable for 5 minutes</a>	{Host001:agent.ping.nodata(5m)}=1	Enabled	✓
<input type="checkbox"/> Information	Template OS Linux: <a href="#">{HOST.NAME} has just been restarted</a>	{Host001:system.uptime.change(0)}<0	Enabled	✓

Enable selected  Go (0)

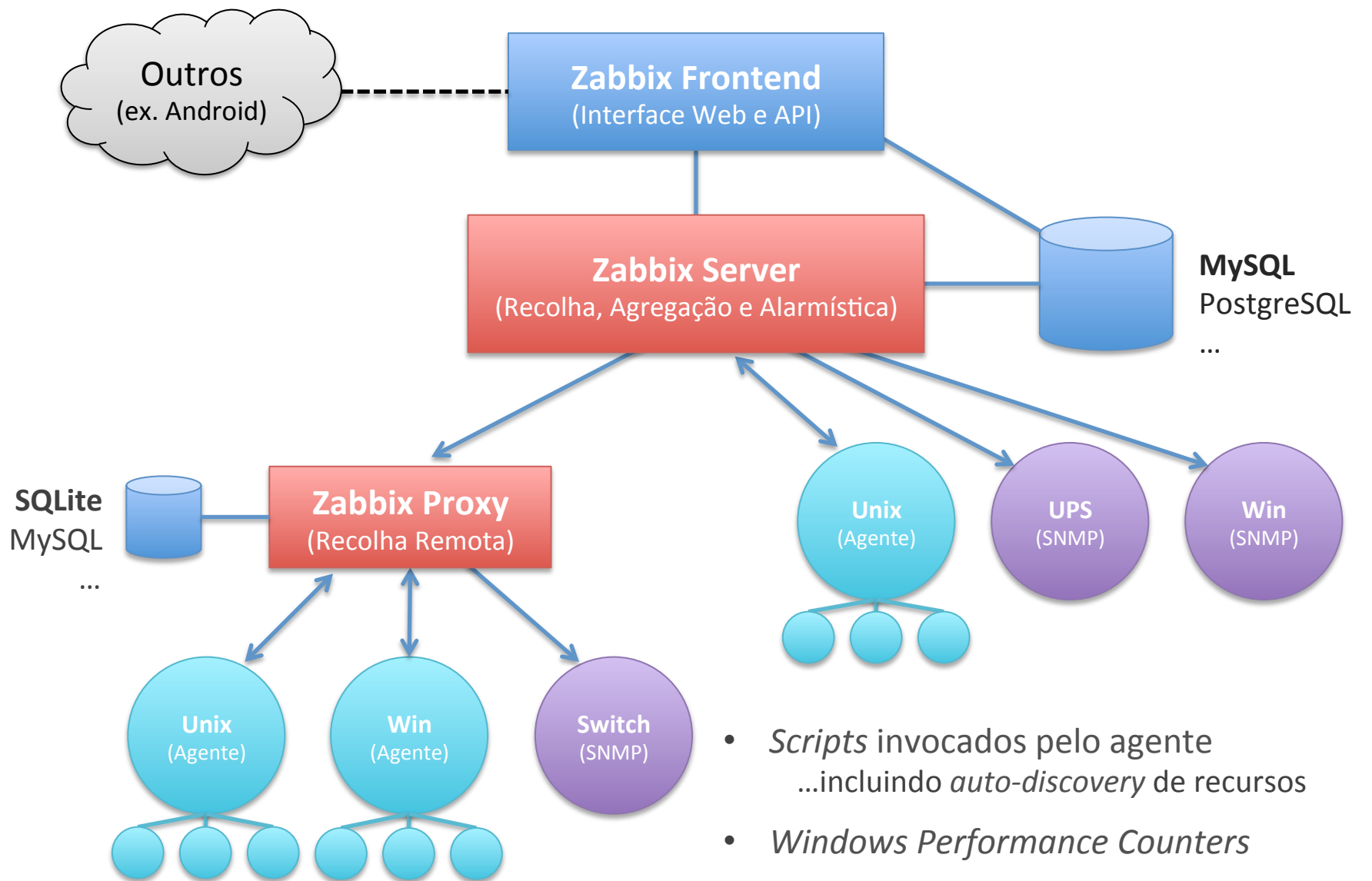
## Expressões de alarmes *server side* (hosts individuais ou templates)

Os *hosts* só recolhem dados, não tomam decisões de estados de alarme...





- *Polling* genérico por SNMP, IPMI ou JMX
- *Polling* de *hosts* com agente (*lightweight*)  
...que podem também reportar **ativamente**
- *Port-checks* e *web scenarios*



- *Scripts* invocados pelo agente  
...incluindo *auto-discovery* de recursos
- *Windows Performance Counters*
- Envio de dados integrado em aplicações

# Mais Informação:

## [www.zabbix.com](http://www.zabbix.com)

(existe uma *virtual-appliance* disponível para experimentar)

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