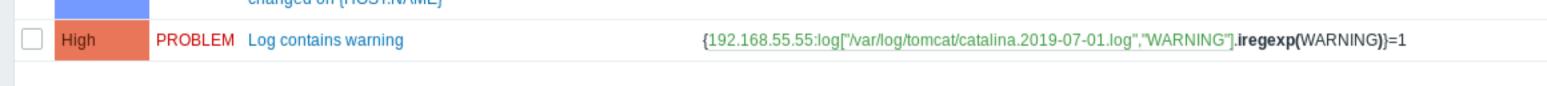|	
* Name	Log Item
Type	Zabbix agent (active)
* Key	log["/var/log/tomcat/catalina.2019-07-01.log","WARNING"]	Select
Type of information	Log
* Update interval	30s
* History storage period	90d

Timestamp	Local time	Value
2019-07-01 15:57:03		WARNING: [SetAllPropertiesRule]{Server/Service/Connector} Setting property 'host' to 'localhost' did not find a matching property.
2019-07-01 15:57:03		WARNING: [SetAllPropertiesRule]{Server/Service/Connector} Setting property 'host' to 'localhost' did not find a matching property.
2019-07-01 15:57:03		WARNING: [SetAllPropertiesRule]{Server/Service/Connector} Setting property 'host' to 'localhost' did not find a matching property.
2019-07-01 15:57:03		WARNING: [SetAllPropertiesRule]{Server/Service/Connector} Setting property 'host' to 'localhost' did not find a matching property.

* Name   Log contains warning

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

* Expression   {192.168.55.55:log["/var/log/tomcat/catalina.2019-07-01.log","WARNING"].iregexp(WARNING)}=1   [Add]

Expression constructor

| | High | PROBLEM | Log contains warning | {192.168.55.55:log["/var/log/tomcat/catalina.2019-07-01.log","WARNING"].**iregexp(**WARNING)}=1 |

```
[root@zserver vagrant]# zabbix_get -s 192.168.55.56 -k net.tcp.service[tcp,,3306]
1
[root@zserver vagrant]# zabbix_get -s 192.168.55.56 -k net.tcp.service[http,,80]
1
[root@zserver vagrant]# zabbix_get -s 192.168.55.56 -k net.tcp.service[tcp,,3306]
1
[root@zserver vagrant]# zabbix_get -s 192.168.55.55 -k net.tcp.service[http,,80]
1
[root@zserver vagrant]# zabbix_get -s 192.168.55.55 -k net.tcp.service[http,,8080]
1
[root@zserver vagrant]# zabbix_get -s 192.168.55.55 -k net.tcp.service[ssh,,22]
1
```

	* Name	Zabbix server available 80
	Type	Simple check ▼
	* Key	net.tcp.service[http,,80]	Select
	* Host interface	192.168.55.56 : 10050 ▼

* Name	Zabbix DB available

Type	Simple check ▼

* Key	net.tcp.service[tcp,,3306]	Select

* Host interface	192.168.55.56 : 10050 ▼

User name	

Password	

* Name	Tomcat is available 80
Type	Simple check ▾
* Key	net.tcp.service[http,,80]	Select
* Host interface	192.168.55.55 : 10050 ▾

* Name	Tomcat is available 8080

Type	Simple check

* Key	net.tcp.service[http,,8080]	Select

* Host interface	192.168.55.55 : 10050

* Name	CPU Combined Load

Type Calculated

* Key	test_load	Select

* Formula (last("system.cpu.load[percpu,avg1]")+last("system.cpu.load[percpu,avg1]")+last("system.cpu.load[percpu,avg1]"))/3

Type of information Numeric (float)

* Name	Enabled items
Type	Zabbix internal
* Key	zabbix[host,,items]	Select
Type of information	Numeric (unsigned)
Units	
* Update interval	30s

* Name	Monitored hosts
Type	Zabbix internal
* Key	zabbix[hosts]	Select
Type of information	Numeric (unsigned)
Units	
* Update interval	30s

* Name	Tomcat is not available on 80

Severity	Not classified	Information	Warning	Average	High	Disaster

* Expression

`{192.168.55.55:net.tcp.service[http,,80].last()}=0`

Add

Expression constructor

* Name   Tomcat is not available on 8080

Severity | Not classified | Information | Warning | Average | High | Disaster |

* Expression   {192.168.55.55:net.tcp.service[http,,8080].last()}=0   Add

Expression constructor

* Name	Zabbix is not available on 80

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

* Expression

```
{zserver:net.tcp.service[http,,80].last()}=0
```

Add

Expression constructor

* Name	Zabbix DB is not available

Severity

Not classified	Information	Warning	Average	High	Disaster

* Expression

```
{zserver:net.tcp.service[tcp,,3306].last()}=0
```

Add

Expression constructor

| * Name | Tomcat is available on 22 |

Type Simple check ▾

| * Key | net.tcp.service[ssh,,22] | Select |

* Host interface 192.168.55.55 : 10050 ▾

* Name	Tomcat is not available on 22

Severity	Not classified	Information	Warning	Average	High	Disaster

* Expression

```
{192.168.55.55:net.tcp.service[ssh,,22].last()}=0
```

Add

Expression constructor

* Name	CPU Load is > 50%

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

* Expression	{192.168.55.55:test_load.avg(180)}>50	Add

Expression constructor

* Name	Too many hosts

Severity	Not classified	Information	Warning	Average	High	Disaster

* Expression

```
{192.168.55.55:zabbix[hosts].last()}>40
```

Add

Expression constructor

* Name	Too many items enabled

Severity	Not classified	Information	Warning	Average	High	Disaster

* Expression

`{192.168.55.55:zabbix[host,,items].last()}>100`

Add

Expression constructor