

Comentários das configurações

Alguns detalhes:

Iniciei as configurações em uma máquina e depois em outra, por isso o IP do servidor do Zabbix foi diferente (Iniciei com 192.168.1.182 e depois 192.168.0.3)

Ambiente: Criei uma maquina virtual com SO ubuntu e com o zabbix nela. Utilizei apache para criar um webservice e subir a API dos correios em uma pagina local.

Appliance da maquina virtual: https://1drv.ms/u/s!Aj_afhcEcxdygYUWT90JAKA-V9l3Eg

IP do zabbix 192.168.0.12

2.1) O usuário deverá informar o CEP

2.2) Recuperar os dados da API dos correios e retornar para o usuário os seguintes

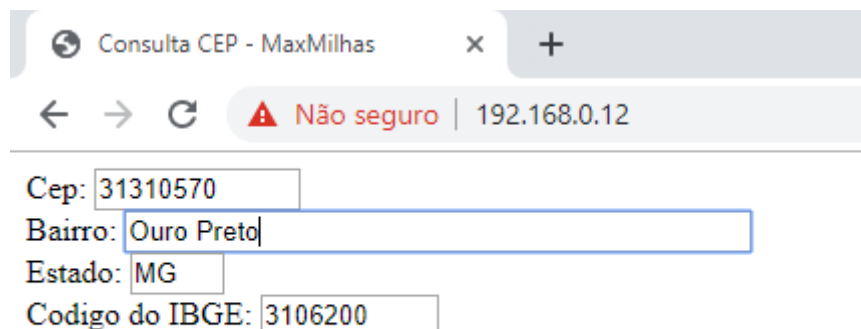
campos:

CEP

Bairro

UF

Código do IBGE



A screenshot of a web browser window. The title bar shows 'Consulta CEP - MaxMilhas'. The address bar shows a red warning icon, the text 'Não seguro', and the IP address '192.168.0.12'. Below the address bar, there is a form with four input fields: 'Cep:' with the value '31310570', 'Bairro:' with the value 'Ouro Preto', 'Estado:' with the value 'MG', and 'Codigo do IBGE:' with the value '3106200'.

Informe o CEP e ele preencheu os demais campos

3.1) Monitoramento de APIs:

Monitorar o servidor web / API desenvolvida de forma que quando o serviço cair, o zabbix informe via e-mail aos responsáveis o incidente;

Monitorar o serviço dos correios consumido pela API, criar e notificar os responsáveis em caso de instabilidade / falha. O Zabbix deverá informar os envolvidos sobre o restabelecimento do serviço caso aconteça;

Monitoramento do webservice de consulta de cep e do site dos correios (O status esta com problema pois não configurei a vm para sair para internet).

Criado o Email API, para configurar o remetente

Configurado o email do destinatário, no caso será o mesmo do remetente, mantendo ativo o serviço de alerta 24x7

← → ↻ ⓘ Não seguro | 192.168.1.182/zabbix/actionconf.php

ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services

Actions

Action Operations Recovery operations Update operations

* Name

Conditions

Label	Name	Action
A	Template equals <i>Template Module ICMP Ping</i>	Remove

New condition

[Add](#)

Enabled ☐

Configurando zabbix para pingar a maquina, quando não obtiver resposta da maquina vai enviar a notificação por email

4) Monitoramento de Infraestrutura

Dashboard

Consulta CEP - MaxMilhas x Zabbix Appliance: Dashboard x +

← → ↻ ⓘ Não seguro | 192.168.0.12/zabbix/zabbix.php?action=dashboard.view

ZABBIX Monitoring Inventory Reports Configuration Administration

Dashboard Problems Overview Web Latest data Graphs Screens Maps Discovery Services

Global view [Edit dashboard](#)

All dashboards / Global view

Problem hosts				Problems by severity						
Host group	Without problems	With problems	Total	Host group	Disaster	High	Average	Warning	Information	Not classified
INFRAESTRUTURA	1	1	2	INFRAESTRUTURA	1					
Sites Monitorados	1	1	2	Sites Monitorados	1					

Problems

Time	Info	Host	Problem • Severity	Duration	Ack	Actions	Tags
23:08:08		Notebook Windows	Aumento de disco em mais de 70%	19m 30s	No		
23:00							
19:03:58		Servico dos correios	Web scenario no Servico dos correios falhou	4h 23m 40s	No		

Para realizar o monitoramento, fiz da seguinte forma.

Optei por monitorar um notebook com windows 10. Host no zabbix “ Notebook Windows”

- Instalei o zabbix agent no notebook, configurando o arquivo “zabbix_agentd” apontando para o servidor do zabbix.

Server=192.168.0.12

Hostname=192.168.0.3

StartAgents=5

DebugLevel=3

LogFile=C:\Zabbix\zabbix_agentd.log

Timeout=3

Fiz o teste no servidor e pingou o notebook

```
root@zabbix:~# zabbix_get -s 192.168.0.3 -k "agent.ping"
1
```

The screenshot shows the Zabbix Appliance Configuration interface. The top navigation bar includes links for Monitoring, Inventory, Reports, Configuration, and Administration. The 'Hosts' page is active, displaying a form to add or edit hosts and a table of existing hosts.

Hosts Form:

- Name:
- Monitored by: ☐ Any ☐ Server ☐ Proxy
- Templates: type here to search
- Proxy:
- DNS:
- Tags: value
- IP:
- Port:
-
-

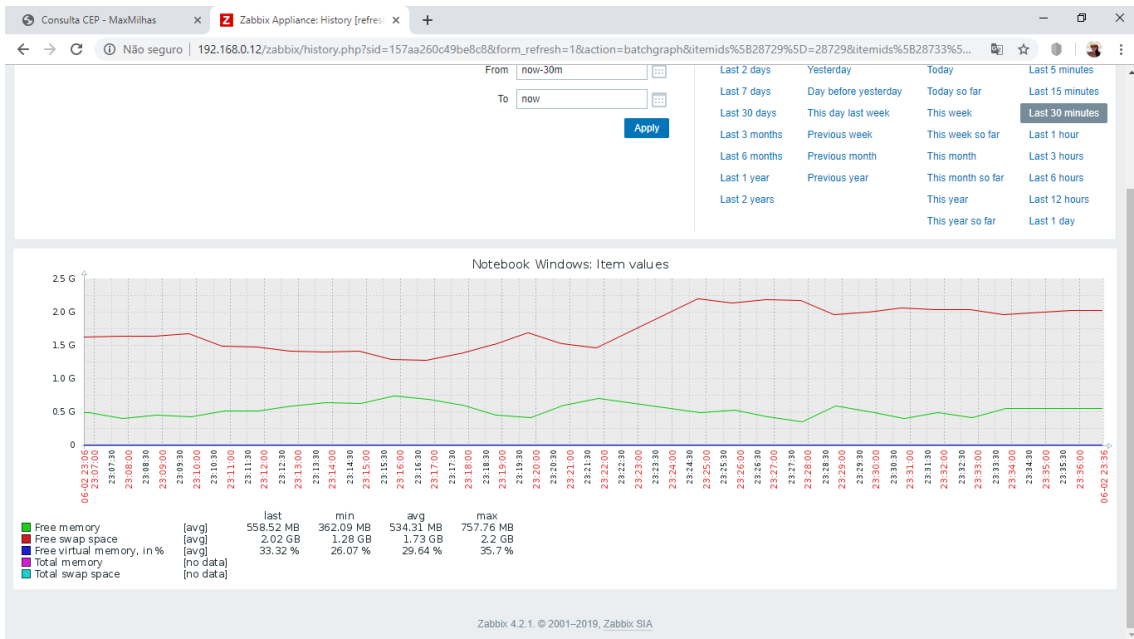
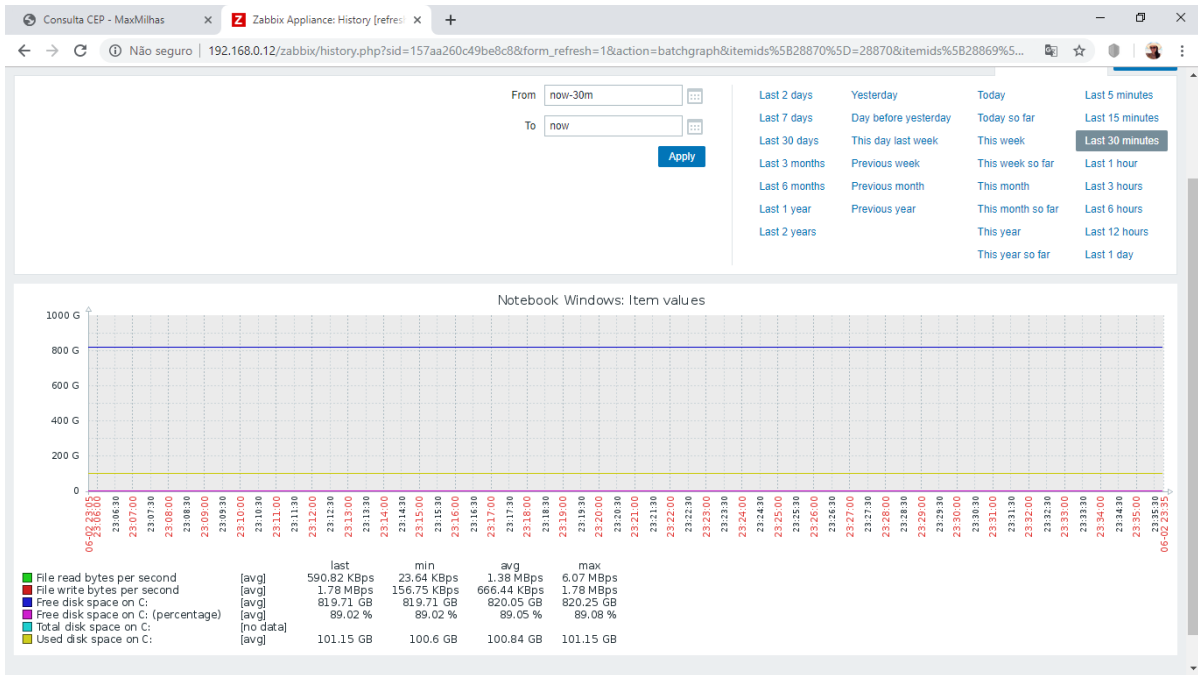
Hosts Table:

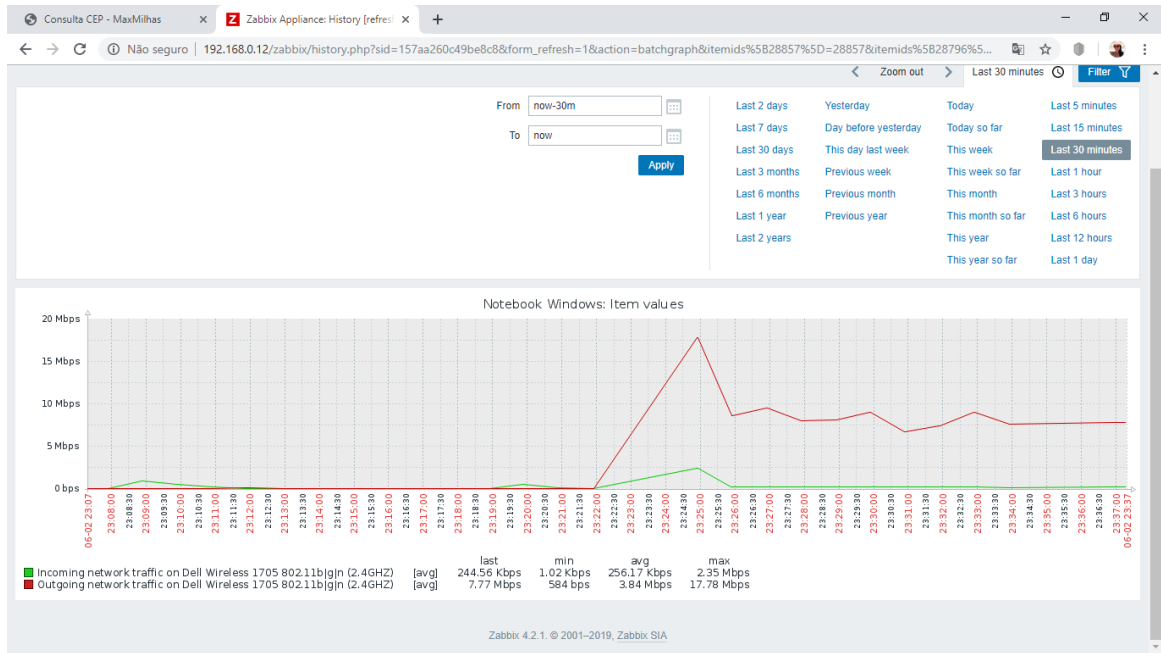
Name	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Templates	Status	Availability	Agent encryption	Info	Tags
<input type="checkbox"/> Zabbix	Applications 11	Items 78	Triggers 42	Graphs 12	Discovery 2	Web	127.0.0.1: 10050	Template OS Linux (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE		
<input type="checkbox"/> Servidor Web	Applications 1	Items	Triggers 2	Graphs	Discovery	Web 2	127.0.0.1: 10050	Template Sites Monitorados	Enabled	ZBX SNMP JMX IPMI	NONE		
<input type="checkbox"/> Servico dos correios	Applications 1	Items	Triggers 2	Graphs	Discovery	Web 2	127.0.0.1: 10050	Template Sites Monitorados	Enabled	ZBX SNMP JMX IPMI	NONE		
<input type="checkbox"/> Notebook Windows	Applications 12	Items 212	Triggers 79	Graphs 64	Discovery 3	Web	192.168.0.3: 10050	Template OS Windows (Template App Zabbix Agent)	Enabled	ZBX SNMP JMX IPMI	NONE		

Displaying 4 of 4 found

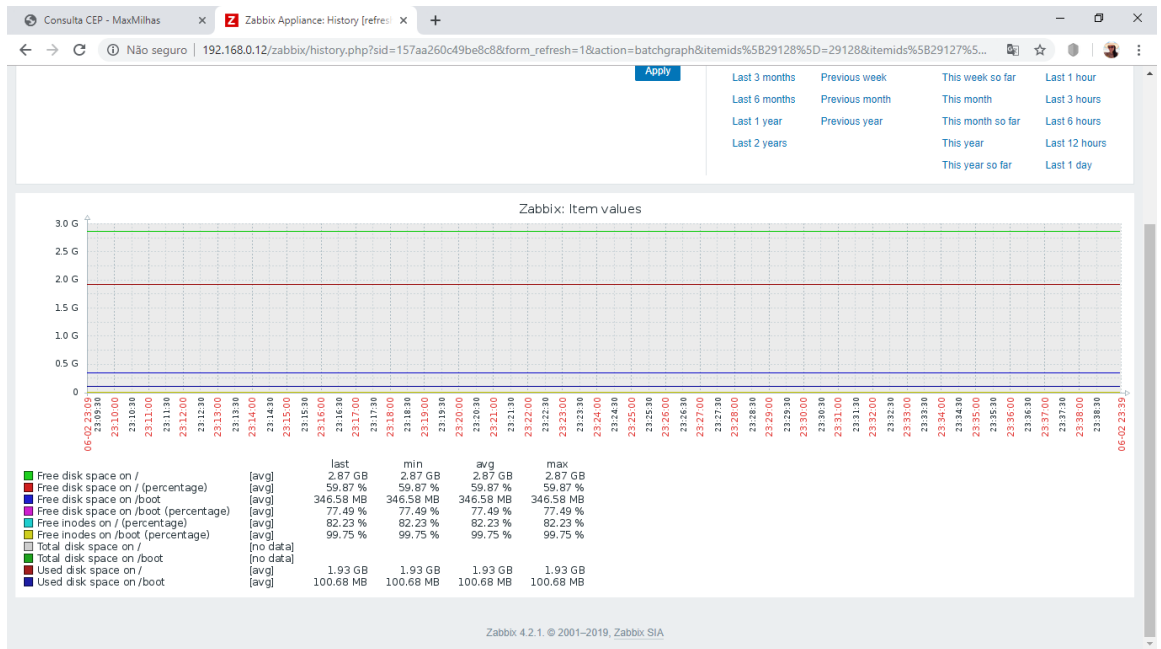
0 selected

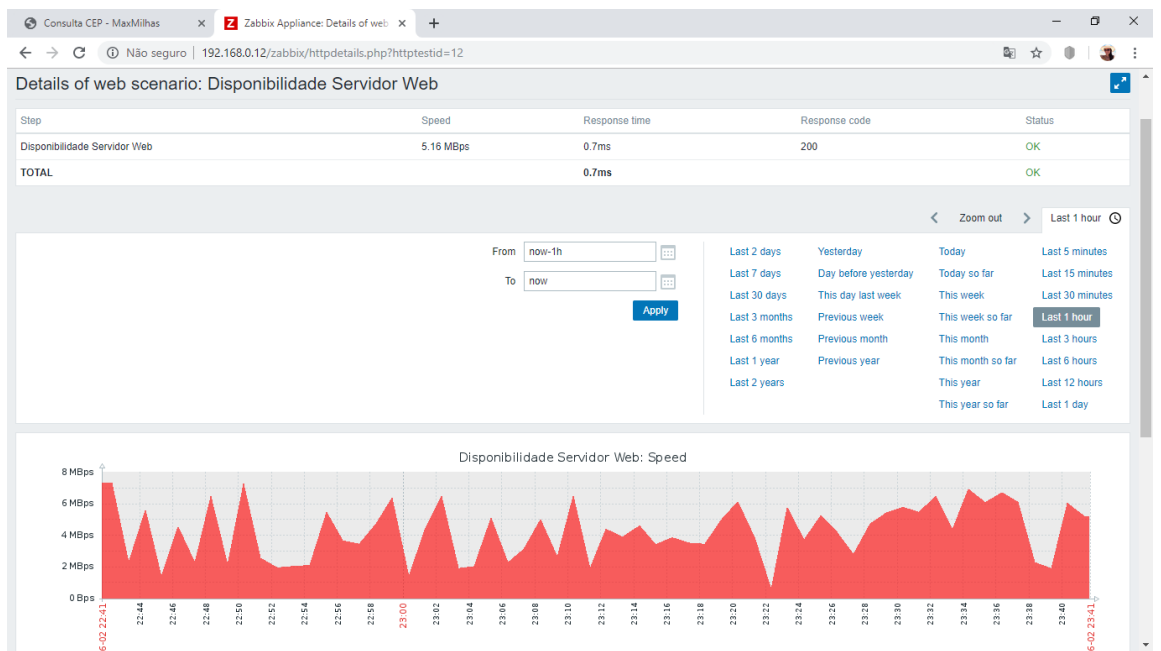
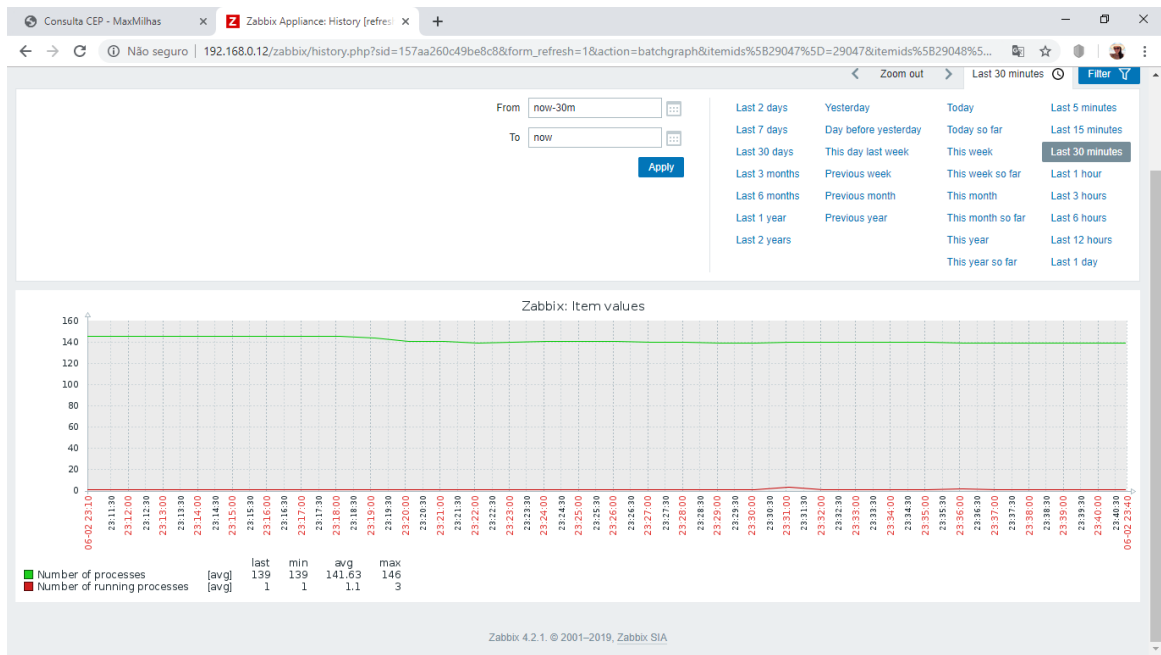
Zabbix 4.2.1. © 2001–2019, Zabbix SIA





Monitoramento do servidor zabbix linux





Triggers

Consulta CEP - MaxMilhas

Zabbix Appliance: Configuration

Não seguro

192.168.0.12/zabbix/triggers.php?filter_hostids%5B%5D=10265&filter_name=%25&filter_state=-1&filter_status=-1&filter_value=-1&filter_evaltype=0...

ZABBIX

MonitoringInventoryReportsConfigurationAdministration

SupportShare?UserPower

Host groupsTemplatesHostsMaintenanceActionsEvent correlationDiscoveryServices

Zabbix Appliance

Triggers

Create trigger

All hosts / Notebook WindowsEnabledZBXSNMPJMXIPMIApplications 12Items 212Triggers 79Graphs 64Discovery rules 3Web scenarios

Filter

Host groups

type here to search

Select

Hosts

Notebook Windows

Select

Name

%

Severity

☐ Not classified

☐ Average

☐ Information

☐ High

☐ Warning

☐ Disaster

State

all

Normal

Unknown

Status

all

Enabled

Disabled

Value

all

Ok

Problem

Tags

And/OrOr

tag

Contains

Equals

value

Remove

Add

Inherited

all

Yes

No

Discovered

all

Yes

No

With dependencies

all

Yes

No

Apply

Reset

☐

Severity

Value

Name

☐

High

PROBLEM

Aumento de disco em mais de 70%

{Notebook Windows.vfs.fs.size[C:_pfree].last()}>70

Enabled

☐

High

OK

Template OS Windows: Aumento de memoria em mais que 65%

{Notebook Windows.vm.memory.size[free].last(0)}*0.35> {Notebook Windows.vm.memory.size[free].last(0)}

Enabled

☐

Warning

OK

Mounted filesystem discovery: Free disk space is less than 20% on volume C:

{Notebook Windows.vfs.fs.size[C:_pfree].last(0)}<20

Enabled

Displaying 3 of 3 found

0 selected

Enable

Disable

Copy

Mass update

Delete