

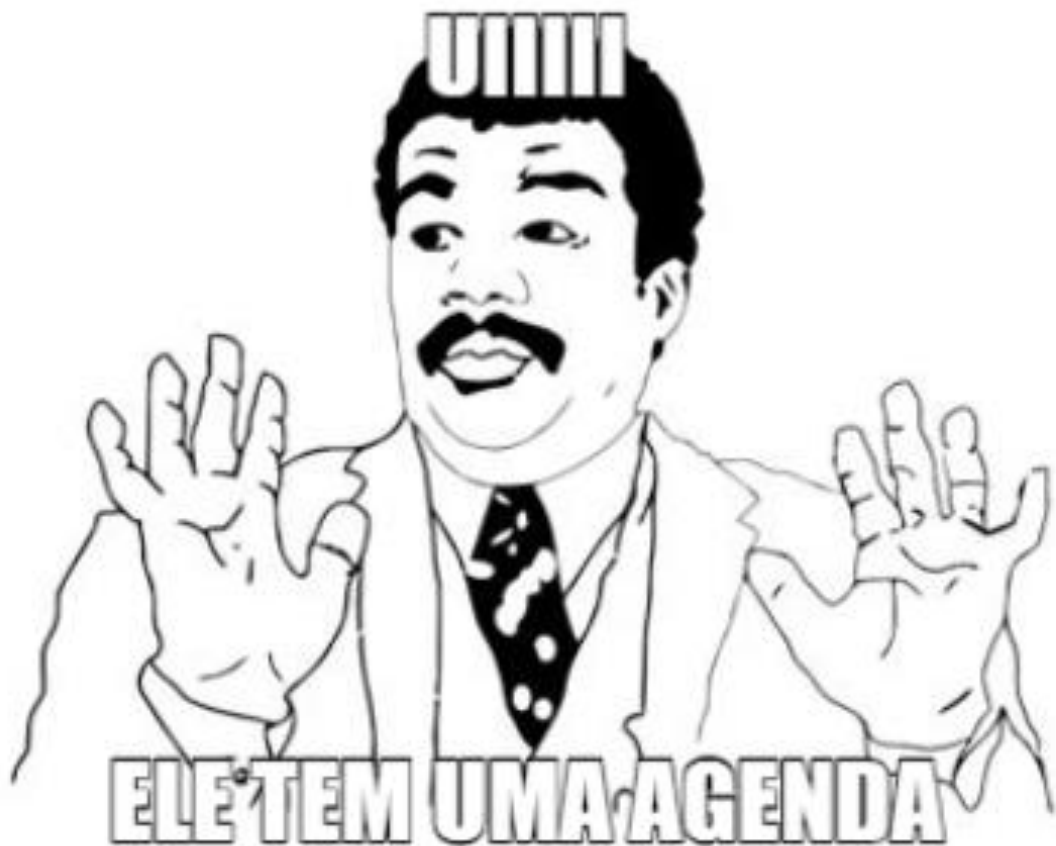
# O que vem no Zabbix 4.4 ?

## Quem Sou

- Instrutor Zabbix e Consultor Sênior em projetos de Zabbix na Uniredes empresa parceira Zabbix SIA
- Membro Fórum Zabbix Oficial e canais da Comunidade Zabbix Brasil.



# O que vem no Zabbix 4.4 ?

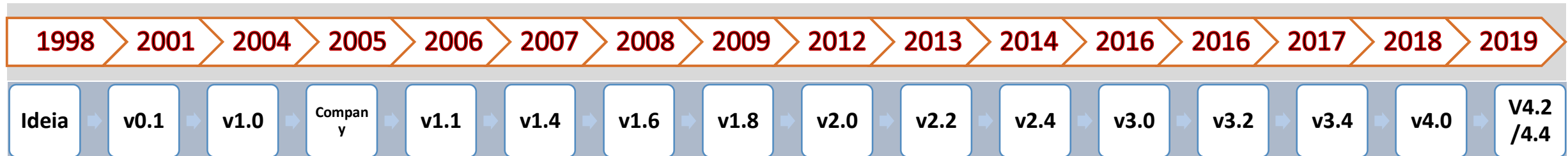


- Sobre o Zabbix
- Novidades
- Recomendações
- Perguntas

## Sobre o Zabbix

Zabbix é o software de monitoramento projetado para medir a disponibilidade e desempenho de componentes de infraestrutura, aplicações e gerar indicadores estratégicos para o negócio.

# ZABBIX



## Zabbix 4.4

### Life Cycle Dates of Planned Zabbix Releases

Below you will find an outline of life cycle dates for the planned Zabbix stable releases. Please note that all mentioned life cycle dates are close approximations and schedules are subject to adjustment.

Release name	Release date	End of Full Support	End of Limited Support
Zabbix 4.4	Expected Q3, 2019	Q1, 2020	Q2, 2020



## Database monitor

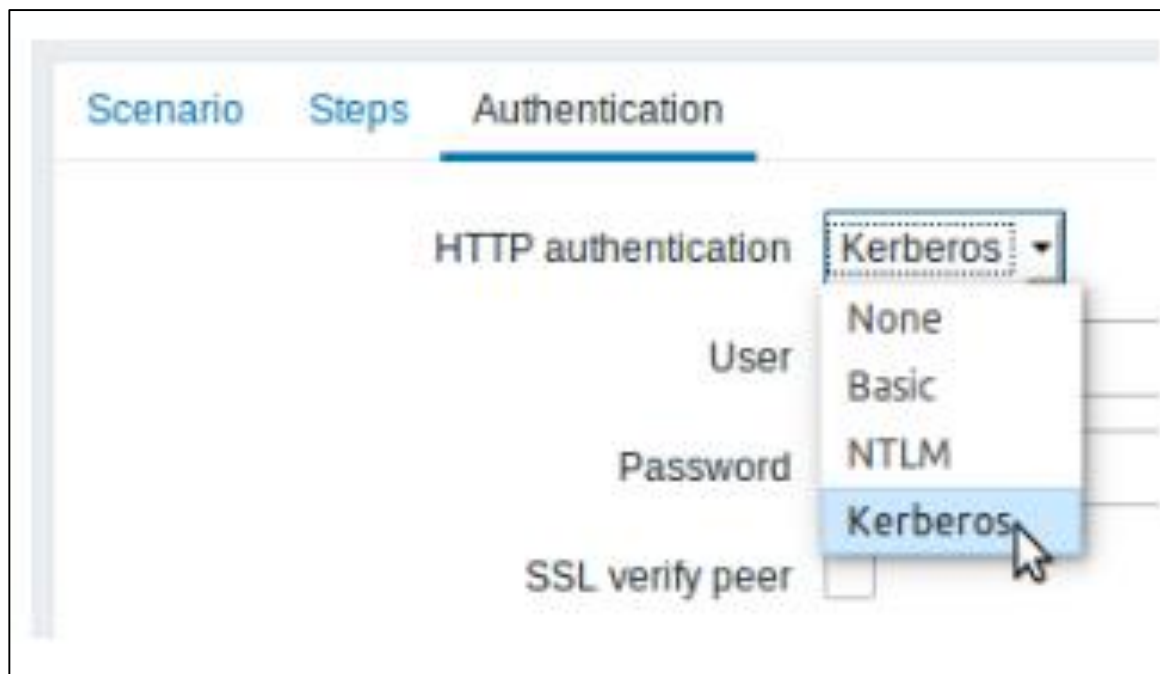
- Adicionando novo item de monitoramento de banco de dados

`db.odbc.get[unique_description,data_source_name]`

- Retorna Múltiplas linhas e colunas



## Web scenarios kerberos authentication



- Suporte a autenticação Kerberos



## Low Level Discovery

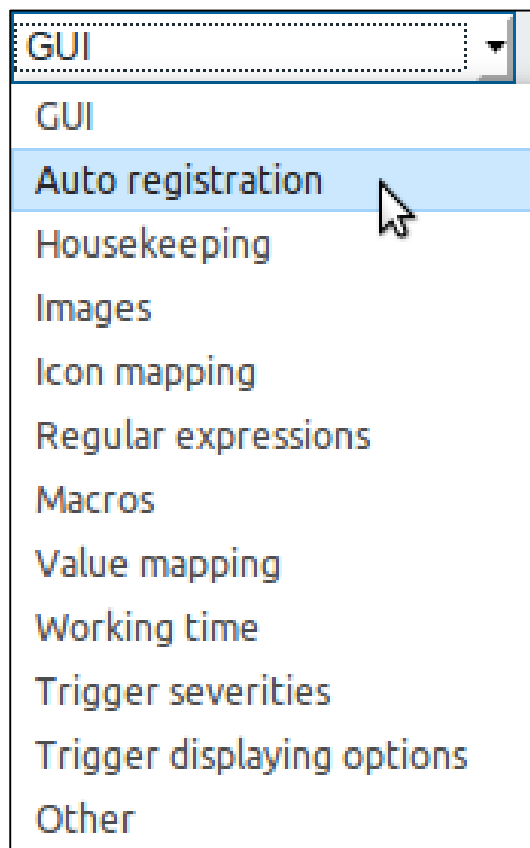
- Low-level discovery of block devices
- Low-level discovery of systemd services





## Secure autoregistration

- Auto registration Support (PSK) and with DNS name



### Auto registration

Encryption level ☒ No encryption  
☒ PSK

\* PSK identity

\* PSK

## New templates

- Nginx, Apache, MySQL/MariaDB, PostgreSQL



## Media Types

- Jabber, Ez Texting media types removed



# O que vem no Zabbix 4.4 ?



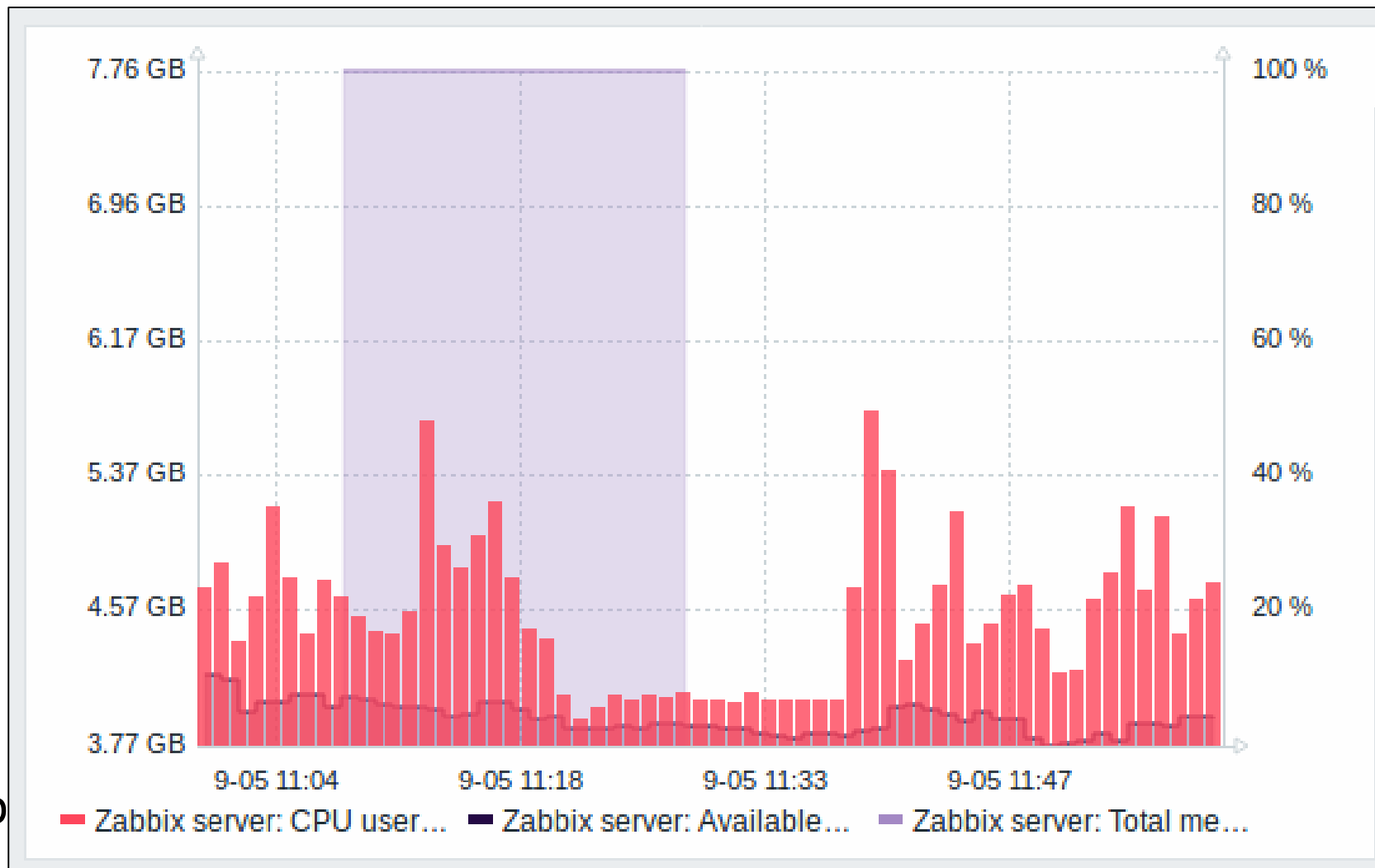
## Frontend

- Default Dashboard



# O que vem no Zabbix 4.4 ?

- Bar Graphs



# O que vem no Zabbix 4.4 ?



- Operational data of problems

Problems						
Time ▼	Recovery time	Status	Info	Host	Problem • Severity	Operational data
06:50:35 •		PROBLEM		Zabbix server	Zabbix discoverer processes more than 75% busy	Current value: 100 %

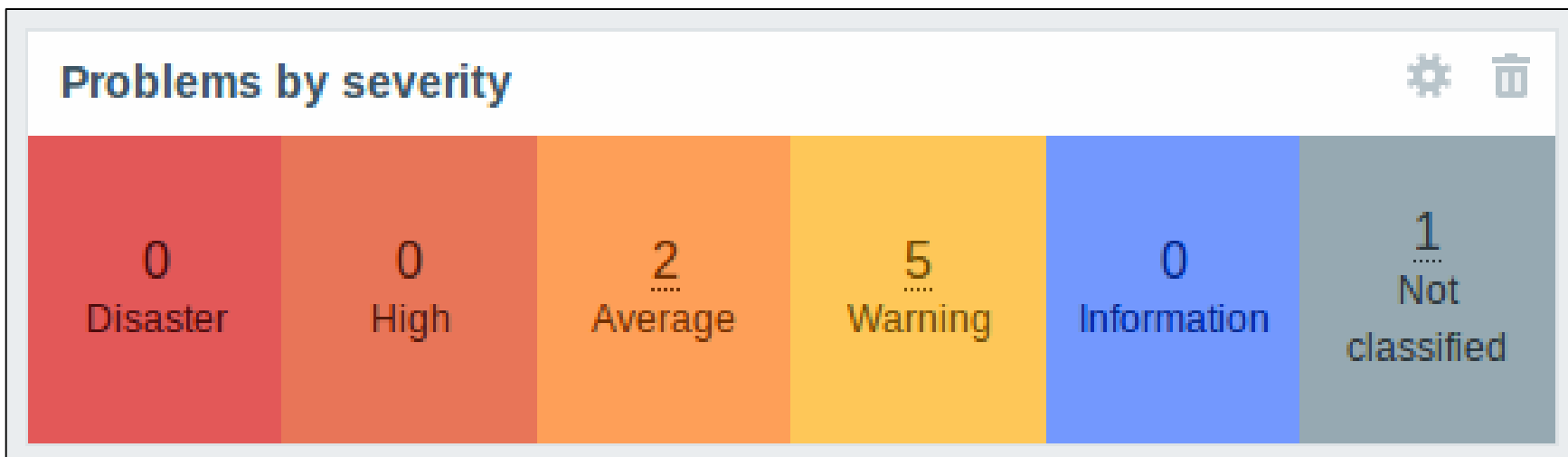
Trigger	Tags	Dependencies
* Name		Zabbix discoverer processes more than 75% busy
Operational data		Current value: {ITEM.LASTVALUE}

# O que vem no Zabbix 4.4 ?

- Problems by severity widget extended

Show

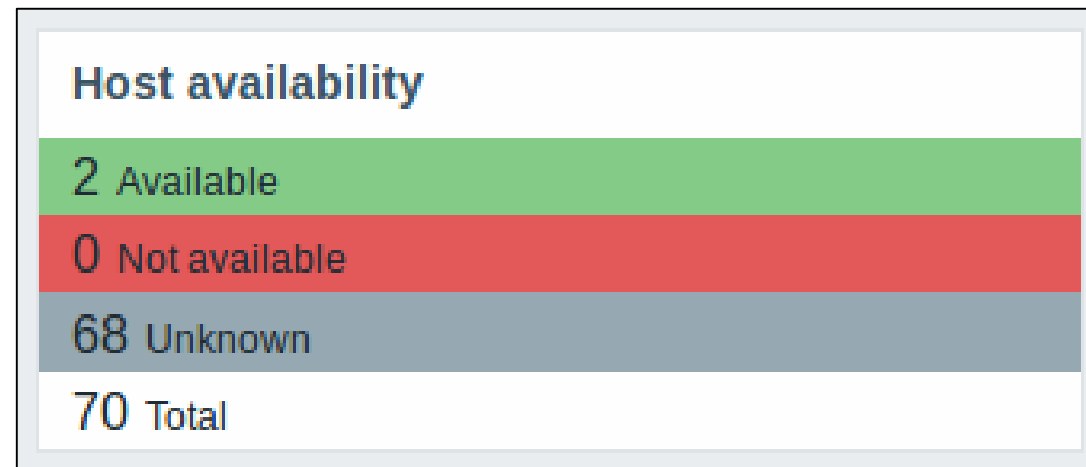
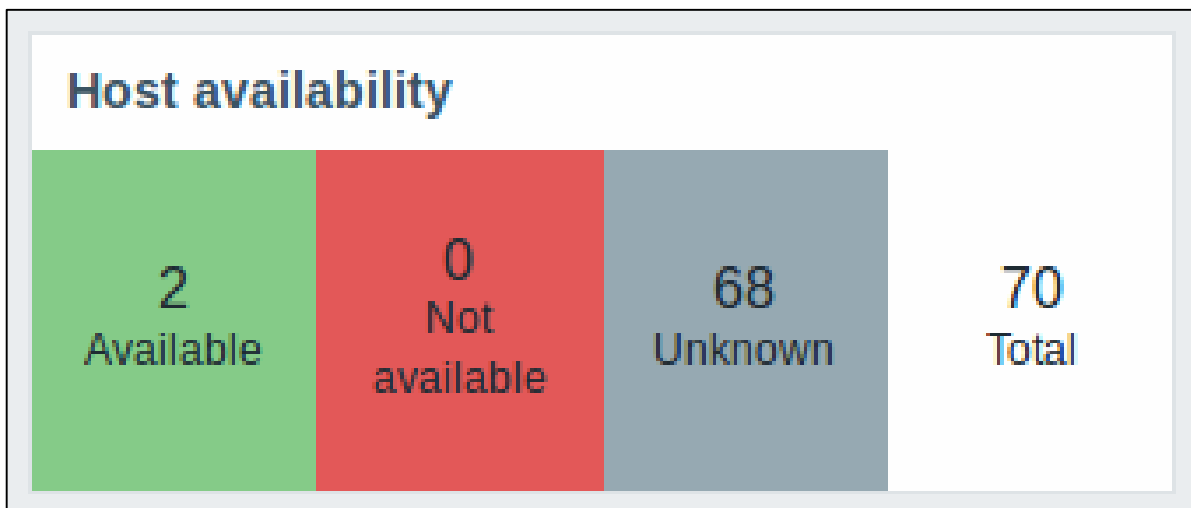
Layout



# O que vem no Zabbix 4.4 ?



- New host availability widget



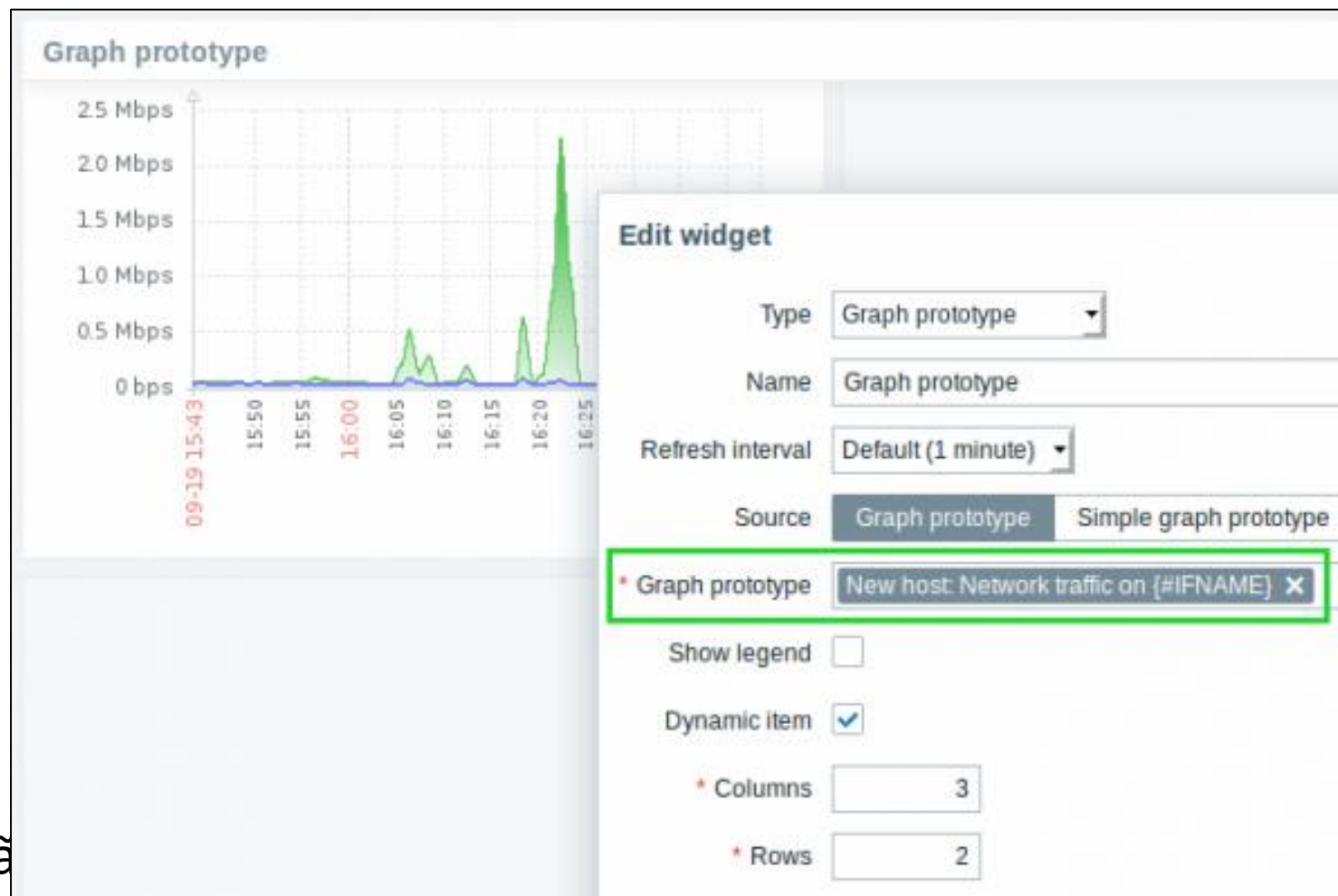
**Host availability**

	Available	Not available	Unknown	Total
Zabbix agent	2	0	97	99
SNMP	8	0	8	16
JMX	0	0	1	1
IPMI	0	0	0	0



# O que vem no Zabbix 4.4 ?

- New graph prototype widget



- |           | Host macros   | Inherited and host macros   |
|-----------|---|---|
| Macro     | {#A.MACRO.THAT.NEEDS.TO.BE.UNUSUALLY.LONG.OR.A.MACRO.THAT.NEEDS.TO.BE.EVEN.LONGER.OR.ELSE...} | ⇒ 111<br>222<br>33333333333333... |
| Add ..... |   |   |

- Separate proxy columns

<input type="checkbox"/>	Name ▲	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Proxy
<input type="checkbox"/>	My host	Applications 10	Items 39	Triggers 17	Graphs 9	Discovery 2	Web	192.168.6.87: 10050	Remote proxy


## Other improvements

- Longer host names allowed in discovery
- Extended item value preprocessing options
- Instant editing for dashboard widgets
- Monospaced fonts in trigger expression/command fields
- Changed host export format
- Macros {EVENT.ID} is now supported in trigger URLs
- Performance Items table split have been split into a separate table called item\_rtdata.

## Installation

[Home](#) / [Product](#) /

### Download and install Zabbix

FOR PRODUCTION USE	FOR CONTAINERS	FOR QUICK DEPLOYMENT	FOR DEEP CUSTOMIZATION	FOR AGENT DEPLOYMENT
	<a href="#">Zabbix Docker images</a>	<a href="#">Zabbix Appliance</a>	<a href="#">Zabbix Sources</a>	<a href="#">Zabbix Agents</a>

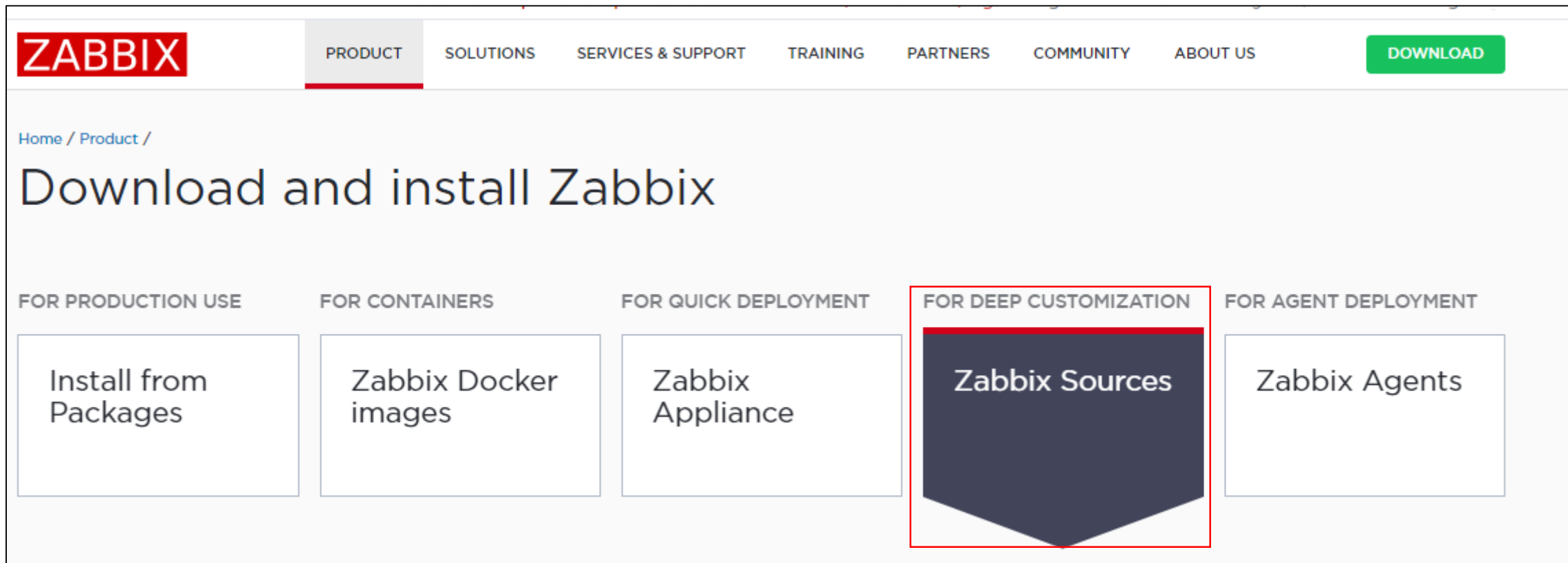
## Installation

1 Choose your platform

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	DATABASE <sup>2</sup>
4.2	Red Hat Enterprise Linux	7	MySQL
4.0 LTS	CentOS	6	PostgreSQL
3.0 LTS	Oracle Linux		
2.2 LTS	Ubuntu		
pre-4.4	Debian		
	SUSE Linux Enterprise Server		
	Raspbian		

[release notes 4.4](#)

## Installation



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## Download and install Zabbix

FOR PRODUCTION USE FOR CONTAINERS FOR QUICK DEPLOYMENT **FOR DEEP CUSTOMIZATION** FOR AGENT DEPLOYMENT

Install from Packages Zabbix Docker images Zabbix Appliance **Zabbix Sources** Zabbix Agents

## Installation

### Download ready-to use Zabbix distributives





Zabbix 4.2

Zabbix 4.0 LTS

Zabbix 3.0 LTS

pre-release

unsupported versions

Version	Release	Date	Release Notes	Zabbix Manual	Download
Zabbix 4.2 Server, Proxy, Agent, GUI	4.2.7rc1	Sep 23, 2019			<a href="#">Download</a>
Zabbix 4.4 Server, Proxy, Agent, GUI	4.4.0alpha3	Sep 19, 2019			<a href="#">Download</a>
Zabbix 4.0 LTS Server, Proxy, Agent, GUI	4.0.13rc1	Sep 23 19, 2019			<a href="#">Download</a>



## Installation

- Ainda não foi lançado
- Instalação via pacotes ou fontes conforme documentação
- Use apenas para testar as novidades

## Recomendações

- Crie um ambiente de Homologação(Atenção Appliance Zabbix não é produção)
- Reserve um tempo para aprender e praticar
- Teste tudo o que for possível antes de colocar em produção
- Crie uma documentação final antes da migração



## Referências

- Site Zabbix:

<http://www.zabbix.com>

- Manual do Zabbix:

<https://www.zabbix.com/documentation/4.4/manual/introduction/whatsnew440>

- Fórum Oficial Zabbix

<http://www.zabbix.com/forum/>

- Eventos Zabbix

<http://www.zabbix.com/events.php>

Meetup Zabbix São Paulo

- Lista da Comunidade Brasileira:

<http://br.groups.yahoo.com/group/zabbix-brasil>

- Comunidade no Facebook

<http://www.facebook.com/groups/zabbixbrasil/>

- Comunidade no Telegram

<https://t.me/ZabbixBrasil>



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# Hernandes Martins

Email: [hernandes.martins@unirede.net](mailto:hernandes.martins@unirede.net)

Blog: [hernandesmartins.blogspot.com](http://hernandesmartins.blogspot.com)

Facebook: [@mrhernandesmartins](https://www.facebook.com/mrhernandesmartins)

Linkedin: [Hernandes Martins](#)

Twitter: [@hernandezabbix](https://twitter.com/hernandezabbix)



# Obrigado

<https://github.com/mrhernandes/zabbix-meetup-sao-paulo-2019.git>

Meetup Zabbix São Paulo

Meetup Zabbix São Paulo

03/2019