

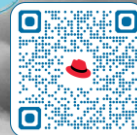
ZABBIX OPERATOR

Building your Zabbix Environment
on Red Hat Cloud Services



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AGENDA

- O desafio dos times de Operações
- Zabbix no Red Hat Cloud Services
- Operator Framework
- Vai ter demo sim! :-)
- Perguntas ?



O DESAFIO DOS TIMES DE OPERAÇÕES



**Workloads
Tradicionais**



**Infraestrutura
TI Híbrida**



**Cloud
Computing**

MONITORAMENTO DA DEPRESSÃO

Não tenho a visibilidade de toda minha infra de TI, aplicações e indicadores de nível de serviços, seja na nuvem ou on-premise.



Gerente de TI

Precisamos projetar sistemas escaláveis e integrados, capazes de monitorar o negócio, workloads tradicionais ou na nuvem.



Arquiteta de TI

Eu só quero desenvolver as minhas aplicações!
O monitoramento é uma responsabilidade do time de operações ...



Desenvolvedora

Preciso monitorar a rede, servidores, cloud, instalar e administrar múltiplas plataformas e ferramentas de monitoramento...



SysAdmin



RODANDO WORKLOADS ZABBIX

no Red Hat Cloud Services

ZABBIX OPERATOR



On-premises

Red Hat
OpenShift
Service on AWS

Azure Red Hat
OpenShift

Red Hat
OpenShift on
IBM Cloud

Red Hat
OpenShift
Dedicated

OpenShift
Container
Platform

Gerenciado pela Red Hat e o provedor de Nuvem

Gerenciado pela Red Hat

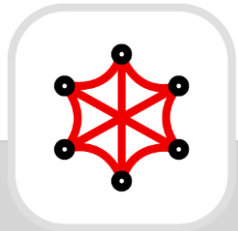
Gerenciado pelo cliente

Afinal, o que é
um Operator ?



ZABBIX OPERATOR

Inteligência operacional para construção de ambientes Multicloud



Conhecimento

Operacional
codificado em software



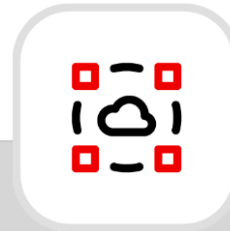
Automação

Instalação
configuração
Upgrades



Operator Framework

Desenvolvimento (SDK)
Gerenciamento (OLM)
Distribuição (HUB)



Distribuição

Marketplace
Operatorhub.io



Enterprise Hub

Certificação
Catálogo/MarketPlace
Suporte colaborativo

Base Tecnológica:



Integrado com os provedores que você já usa:





ZABBIX



Certified enterprise ready
[About certification](#)

Highlights

- Runs on OpenShift
- Certified operators
- Fully containerized
- Vendor supported
- Vulnerability scans

Capabilities level

- Basic install
- Seamless upgrades
- Full lifecycle
- Deep insights
- Auto pilot

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Categories

- Logging & tracing
- Monitoring
- Networks

Zabbix Monitoring Solution

By Zabbix

An enterprise-class open source universal distributed monitoring solution designed to monitor and track performance and availability of network devices, servers, web resources, virtual environments, applications, services and other IT resources.

Software version
6.0.13

Delivery method
Operator

Overview

Documentation

Pricing

Help

Purchase

Free trial

[Contact sales](#)

Zabbix is an all-in-one monitoring solution that allows users to collect, store, manage and analyze information received from IT infrastructure, as well as display on-screen, and alert by different means of communication when thresholds are reached. Zabbix allows administrators to recognize server and device problems within a short period of time and to reduce the system downtime and risk of system failure. It's known for high performance, flexibility, and powerful data processing capabilities

METRIC COLLECTION: from any devices, systems, applications

Metric collection methods: multi-platform Zabbix agents, SNMP and IPMI agents, agent-less monitoring of user services, custom methods, calculation and aggregation, end user web monitoring, and variety of other options

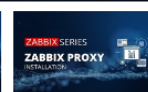
PROBLEM DETECTION: ability to define smart thresholds

Detect problem states within the incoming metric flow automatically. No need to peer at incoming metrics continuously. Highly flexible definition options. Separate problem conditions and resolution conditions. Multiple severity levels. Root cause analysis. Anomaly detection. Trend prediction

VISUALIZATION: single pane of glass

The native web interface provides multiple ways of presenting a visual overview of your IT environment: widget-based dashboards, graphs, nested dynamic network maps, slideshows, drill-down reports

NOTIFICATION: Real-time alerts via email, SMS, and other channels





Vai ter demo!

