ZABBIX 4.4 MONITORING BEYOND BORDERS



ZABBIX 10 SUMMIT

Gold sponsors













Silver sponsors















Zabbix Summit 2019 in numbers

500 participants

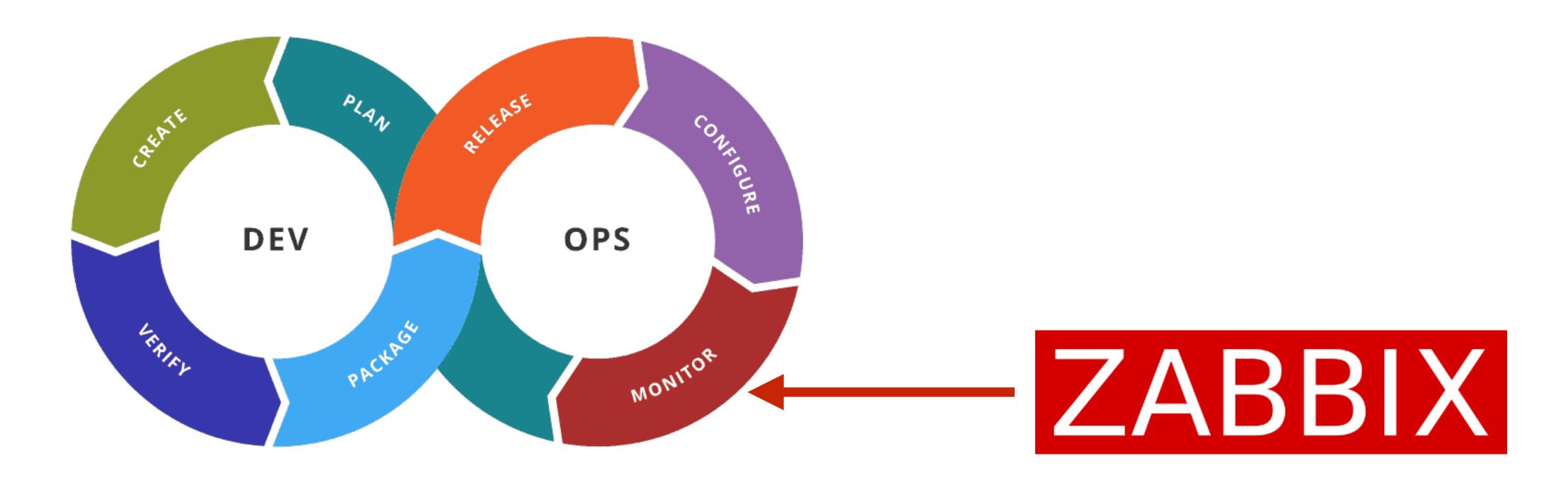
45+ countries

60+ Zabbix Team members



Zabbix is an Universal Open Source enterprise-level monitoring solution





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Quick recap of 2019



New support tier for Enterprise customers















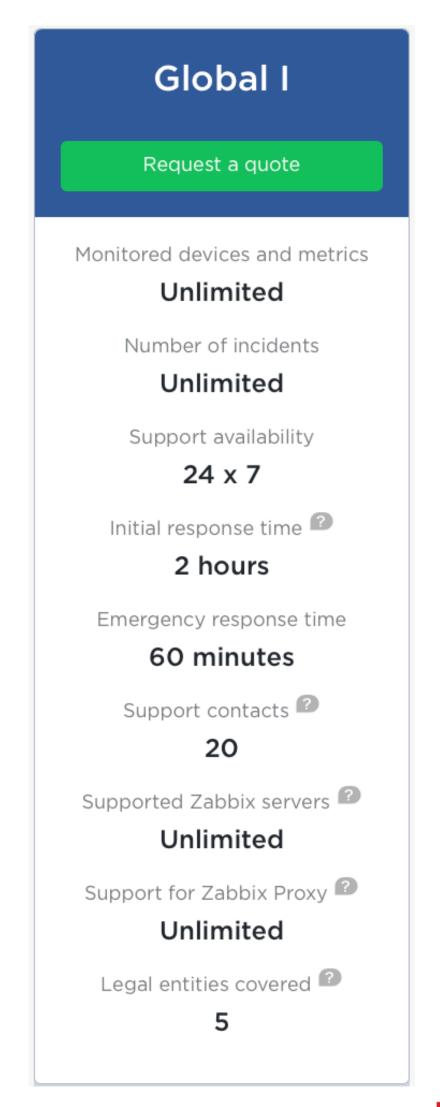














Zabbix 4.2 April, 2019

High frequency monitoring with throttling

Data collection: HTTP agent, Prometheus

Preprocessing: validation and JavaScript!

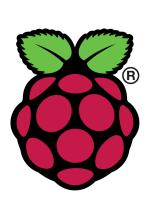
Enhanced tag management



New platforms



























New OS





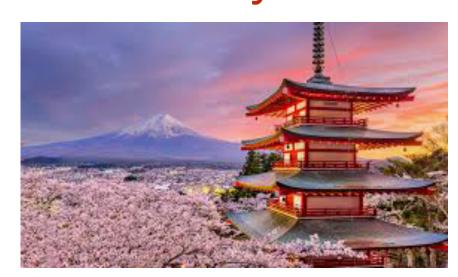


Riga



2005

Tokyo



2012

New York



2015

Moscow



2019



Creators of Zabbix





Zabbix 4.4

More than 30 new features and functional improvements

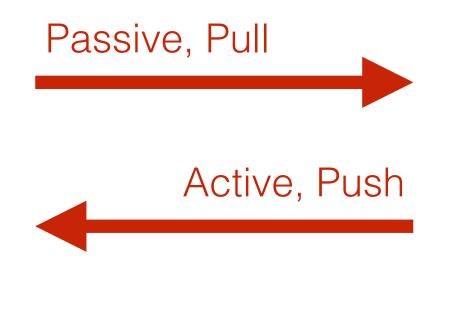


Zabbix Agent



Zabbix Agent



















Zabbix Agent







Next Generation Zabbix Agent



Plugin infrastructure

Support of long running scripts

Parallel active checks

Support of flexible intervals for all checks

Support of persistent connections (DB connections)

Accepting incoming traps and events (MQTT subscribe,

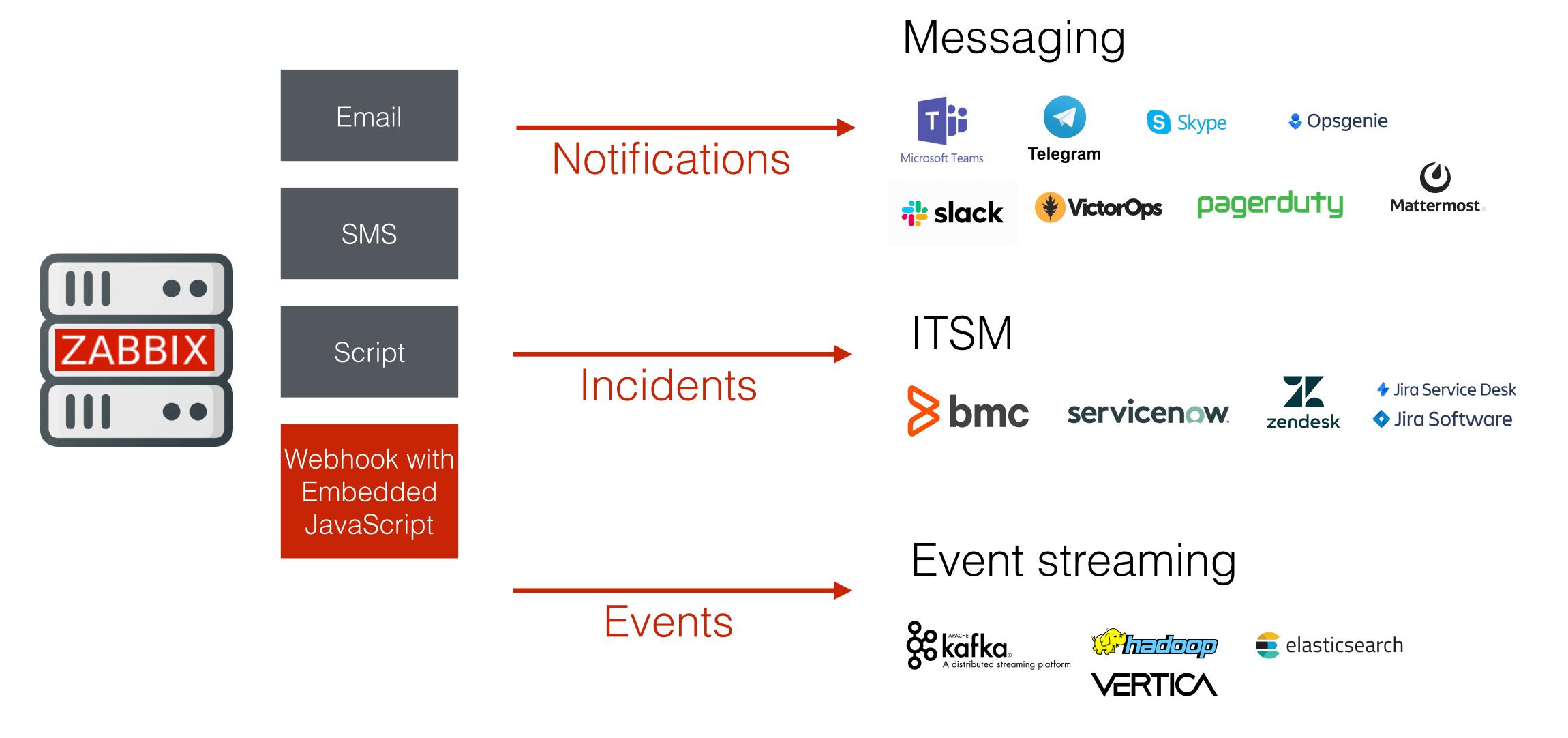
listening TCP/UDP ports, etc)

Drop-in replacement of the existing agent

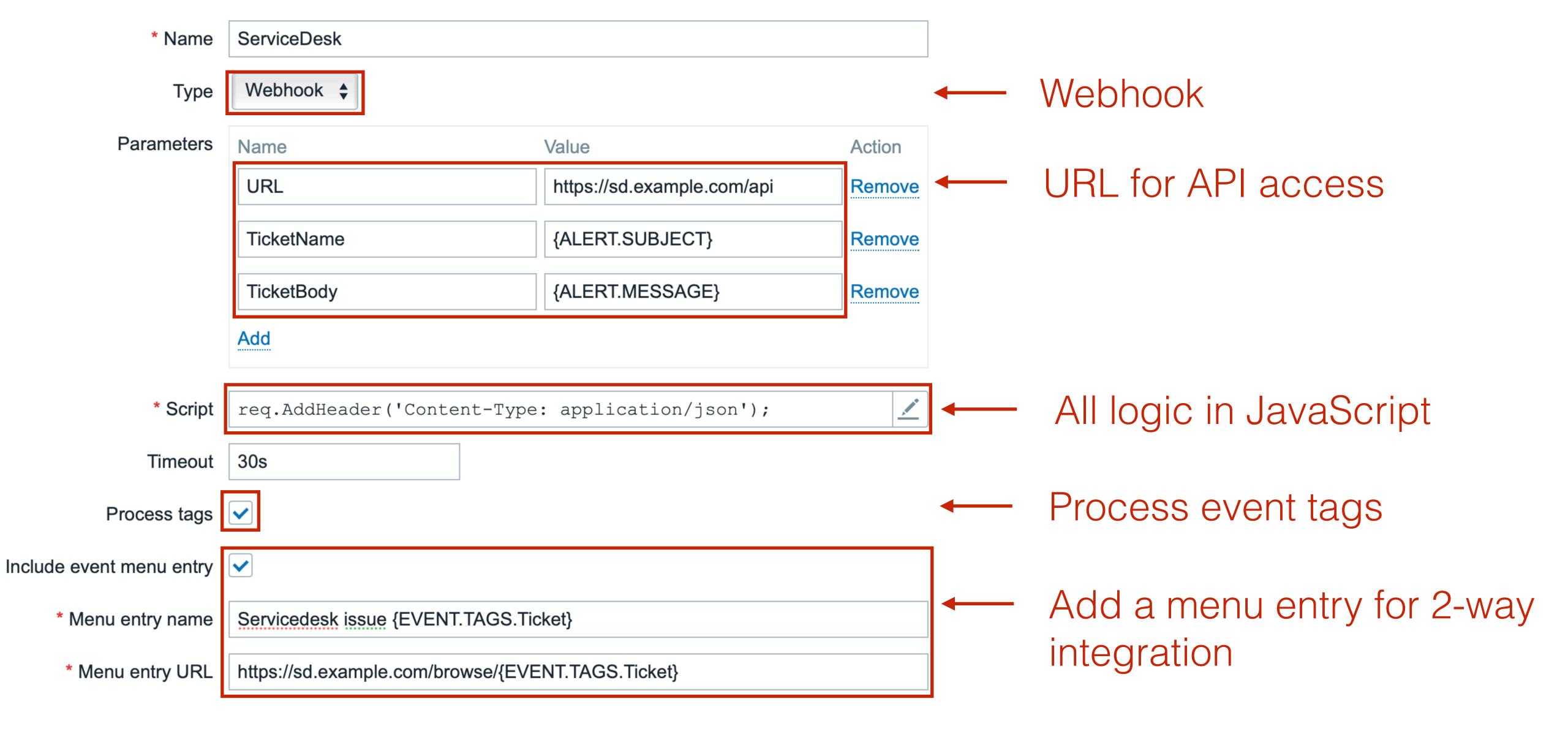


Actions and notifications











Workflow

Redis is not available

Datacenter: NY2 Service: Redis

2







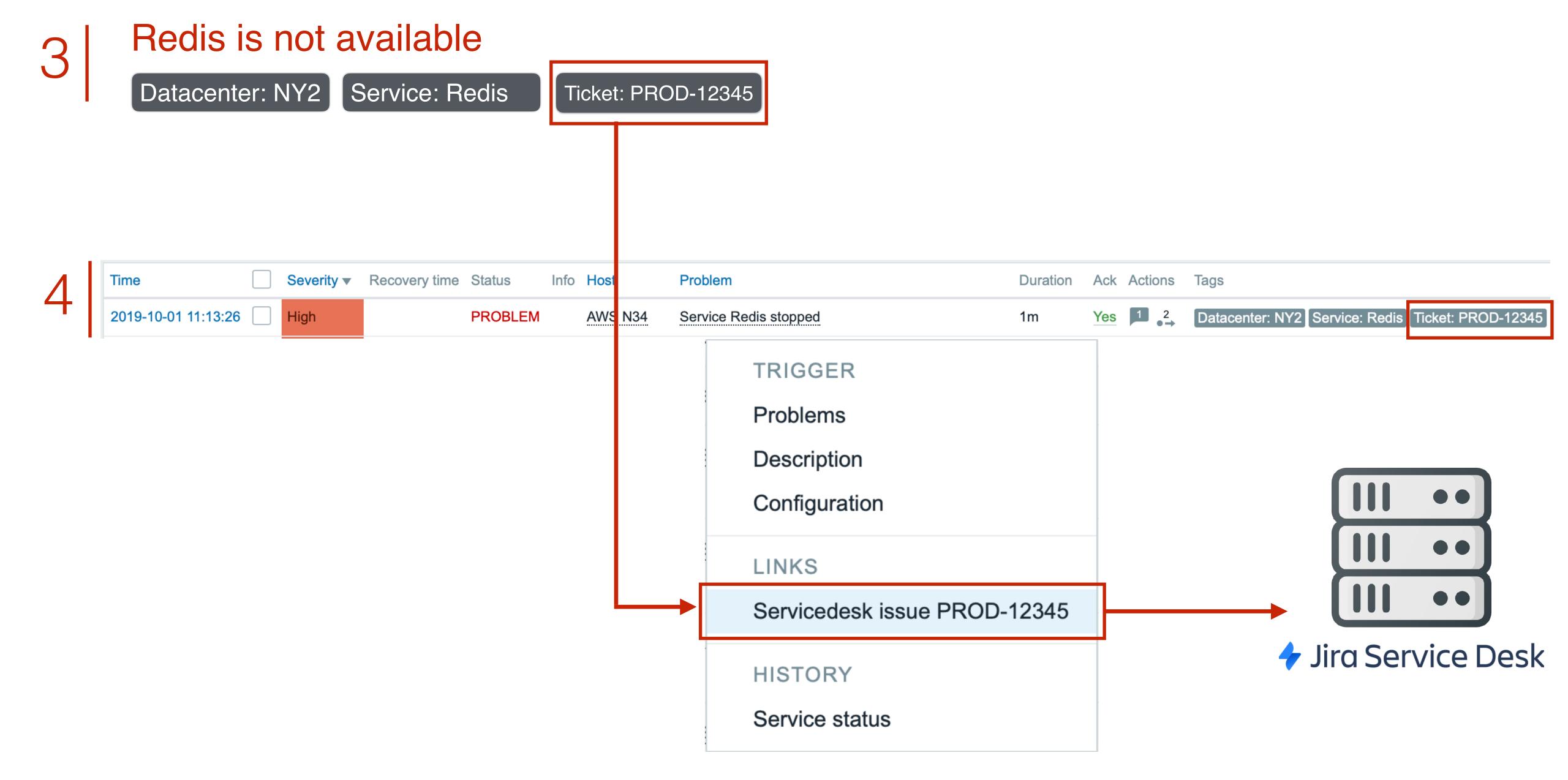
Redis is not available

Datacenter: NY2

Service: Redis

Ticket: PROD-12345







Built-in knowledge base

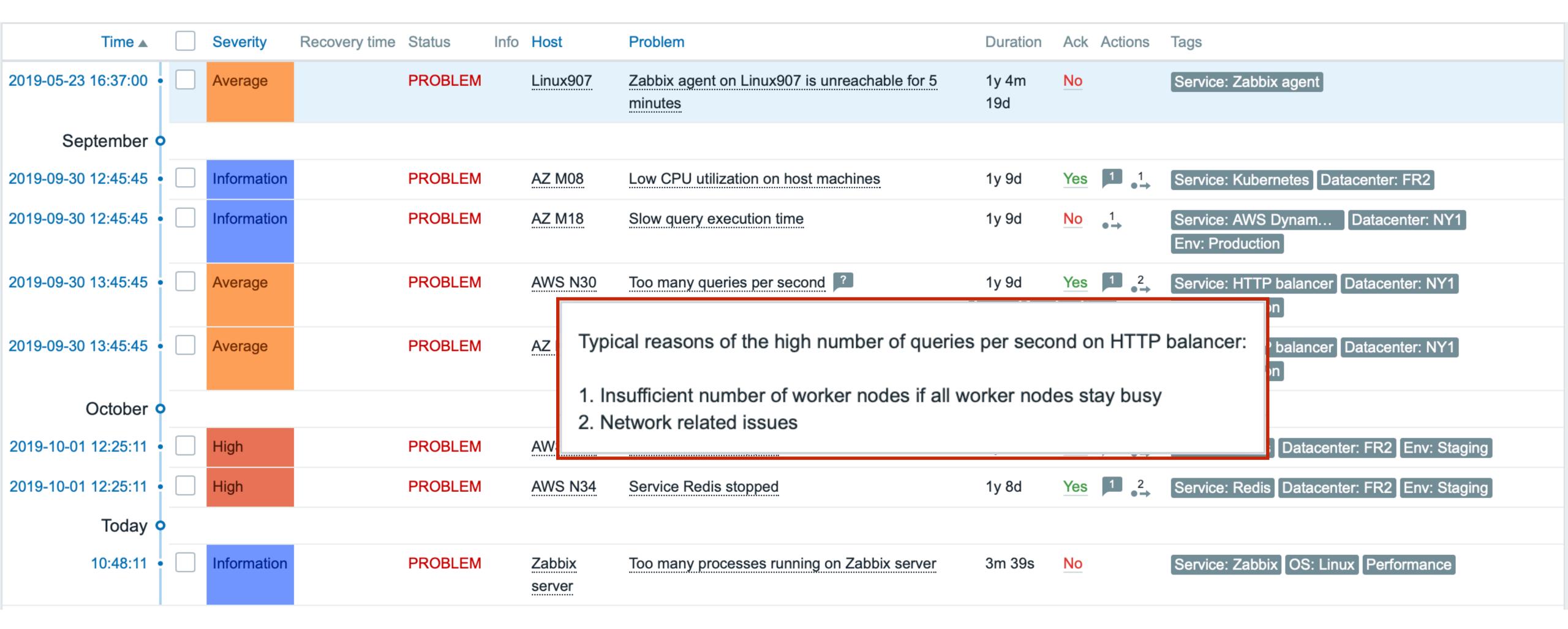


Item details

•	Linux010	CPU (8 Items)			
		CPU idle time		2019-10-10 10:05:08	89.8262 %
		CPU interrupt time		2019-10-10 10:05:11	0 %
		CPU iowait time		2019-10-10 10-05-12	0.1687 %
		CPU nice time Amo		to complete.	0 %
		CPU softirq time		2019-10-10-10:05:1 0	0.928 %
		CPU steal time		2019-10-10 10:05:09	0 %
		CPU system time		2019-10-10 10:05:11	5.1788 %
		CPU user time		2019-10-10 10:05:09	4.218 %



Problem details

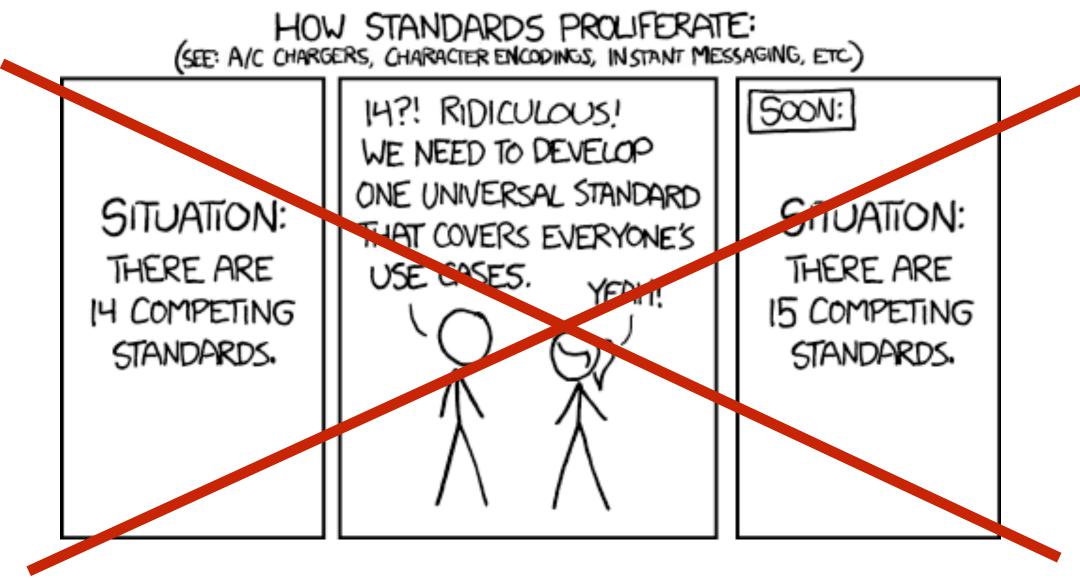




Standards for templates

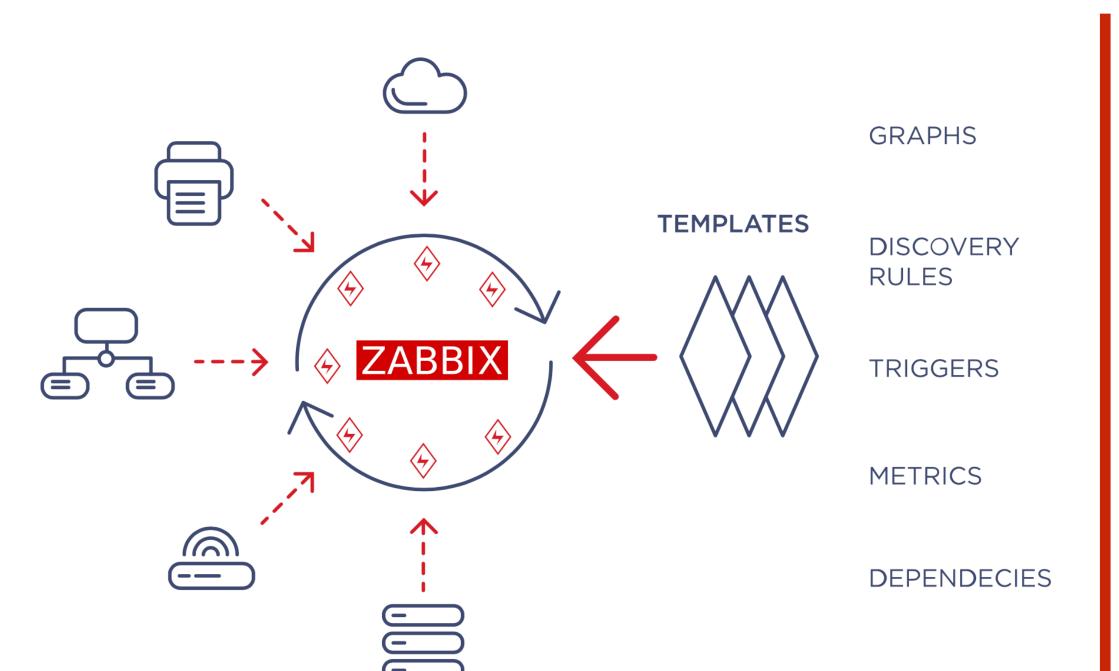


Another standard???





Guidelines



Best practices on

Data collection: items

Problem detection: triggers

Problem classification: severity and tags

Knowledge

Visualization: host level screens (dashboards)



Templates is a knowledge base!



Vis

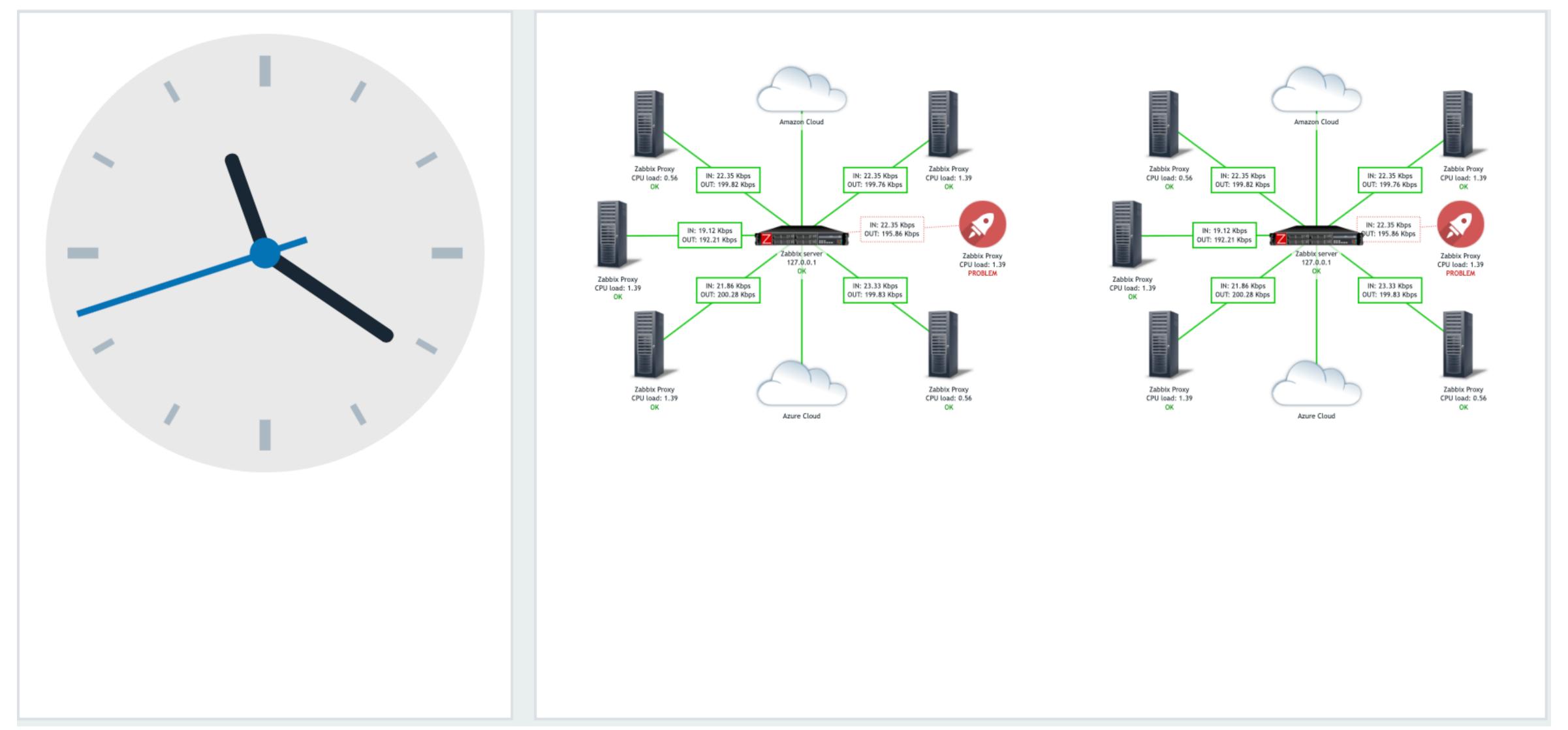
Visualization





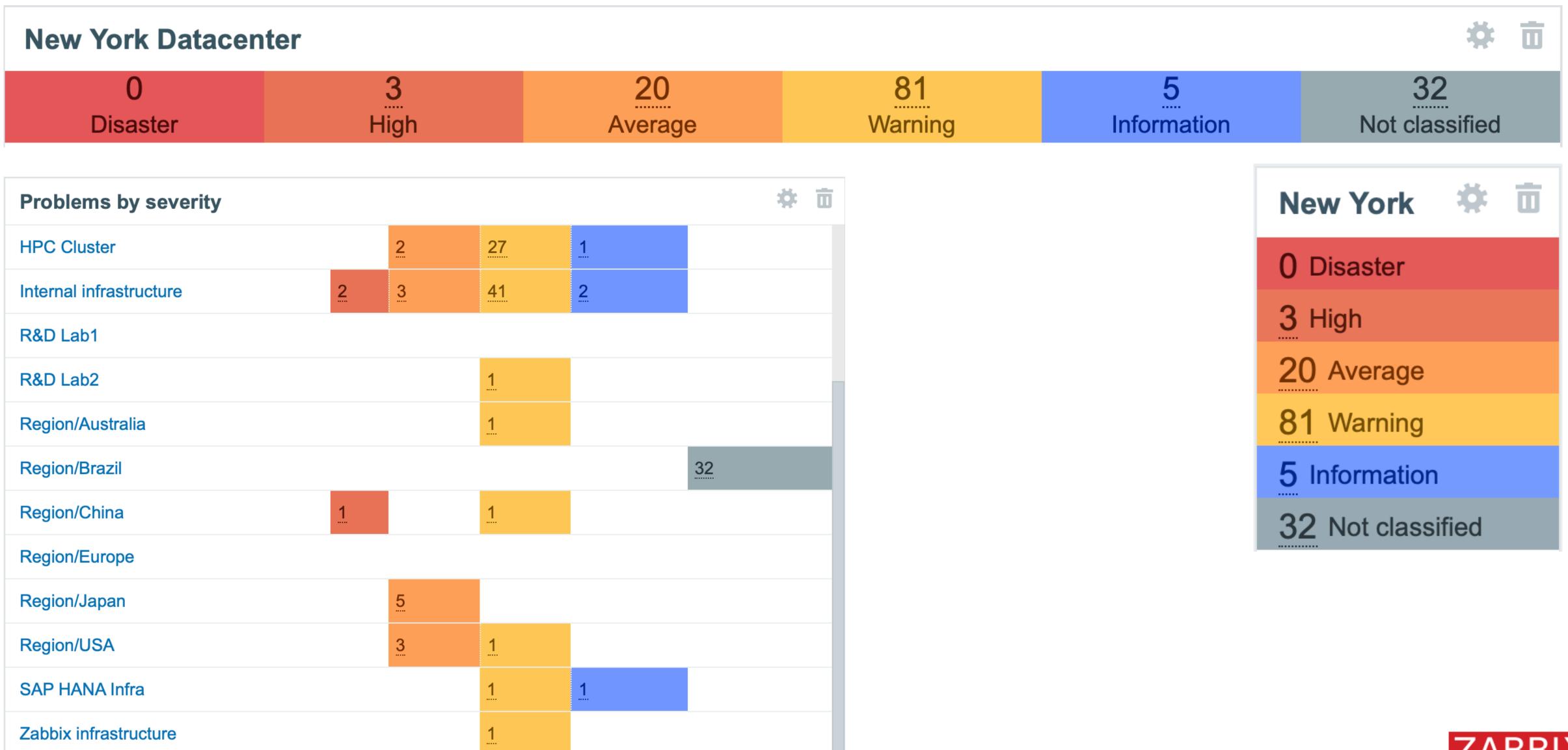


Haderless widgets

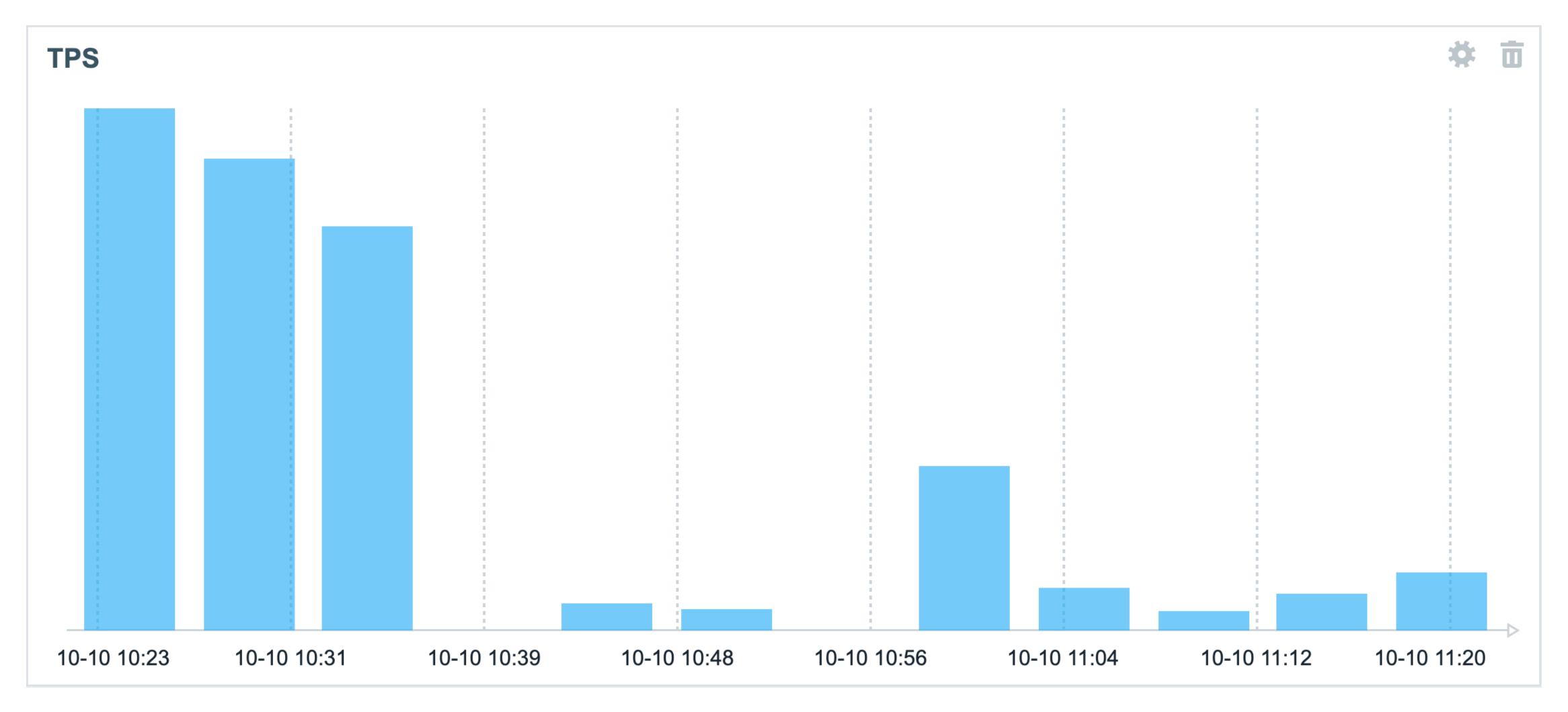




Compact problem view



Aggregation of data and bar graphs

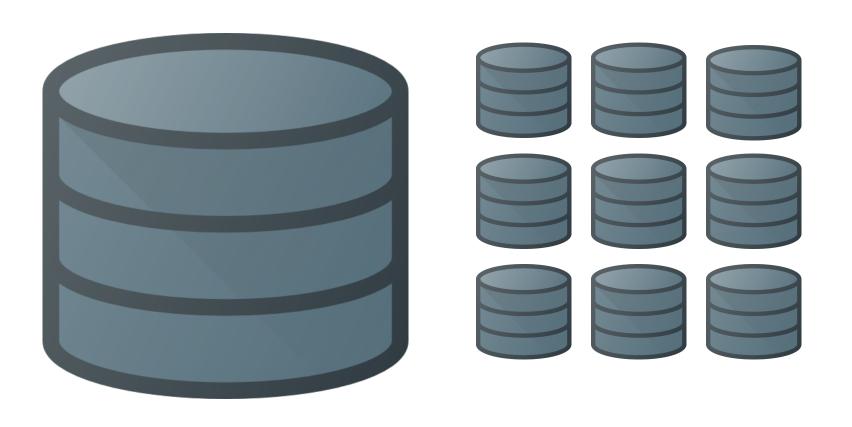




New storage options



Support of Timescale database

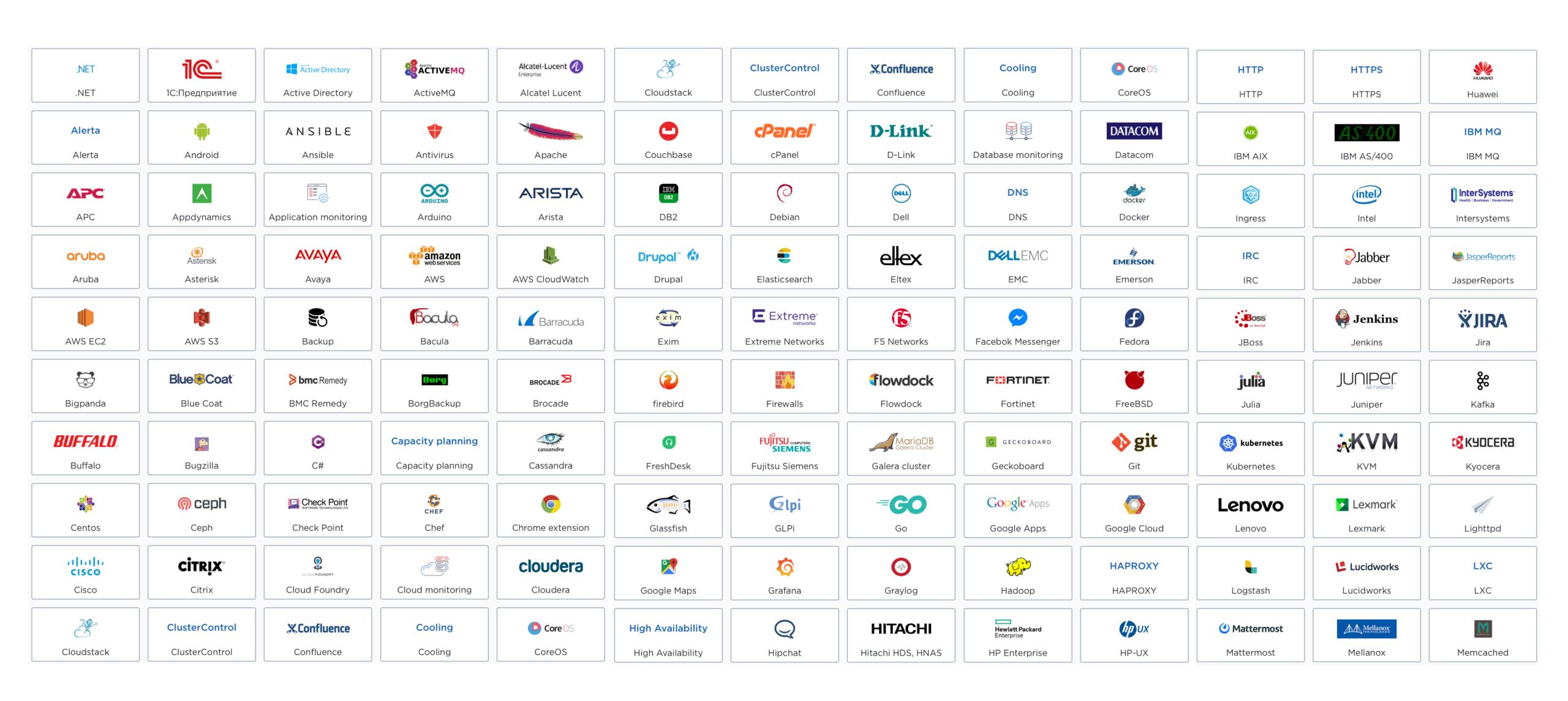


Advantages

- Automatic partitioning
- Zabbix manages removal of old data
- Performance oriented DB
- Now officially supported by Zabbix!

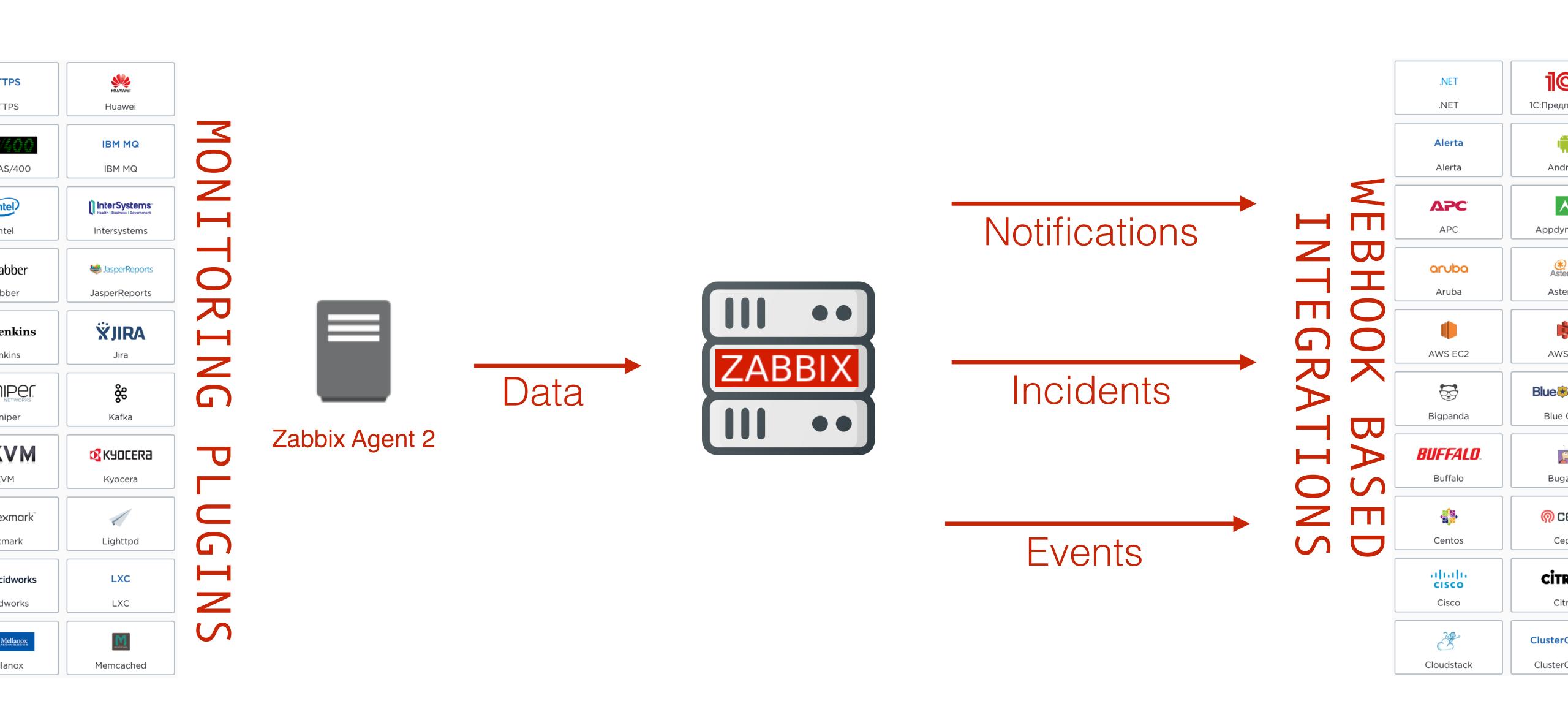




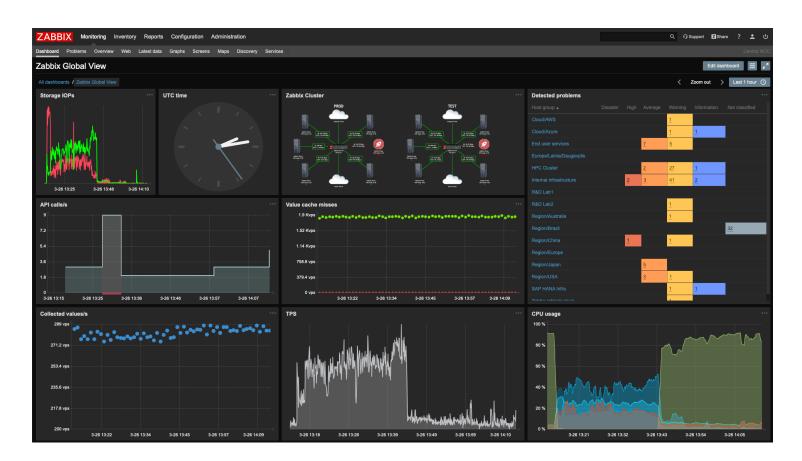




Making a platform for high quality solutions







Zabbix Blog



Webinars





Youtube



Zabbix 5.0 LTS



THANK YOU!



Alexei Vladishev ZABBIX Founder & CEO

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