

Zabbix – Features, Advantages & Case Studies

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ZABBIX

ZABBIX Monitoring Solution

The Enterprise-class Monitoring solutions

Main features



1. A solid monitoring solution for multiple OS platforms

- Cross-platform
- Extensive customization capabilities of Zabbix allow to integrate it in any environment
- Modularity and flexibility



4. Notification

Zabbix allows not only to collect, store and analyze information about monitored environment, but also to inform responsible personnel about occurred incidents through a variety of notification methods:

- E-mail
- SMS
- Jabber
- Further notifications can be scripted and customized (depending on the context) examples: (Skype, instant messaging, voice, etc.)

A powerful escalation module supports building of complicated workflows to assist delivering only relevant alert information to responsible personnel at the right time.



2. True open-source software

- No vendor lock-in
- Free for commercial and non-commercial use
- Phenomenal Zabbix community support from thousands of members around the world

3. Scaling to large environments

- Able to process more than 50,000 checks per second
- Scales up to hundreds of thousands of monitored devices
- Reliable commercial support

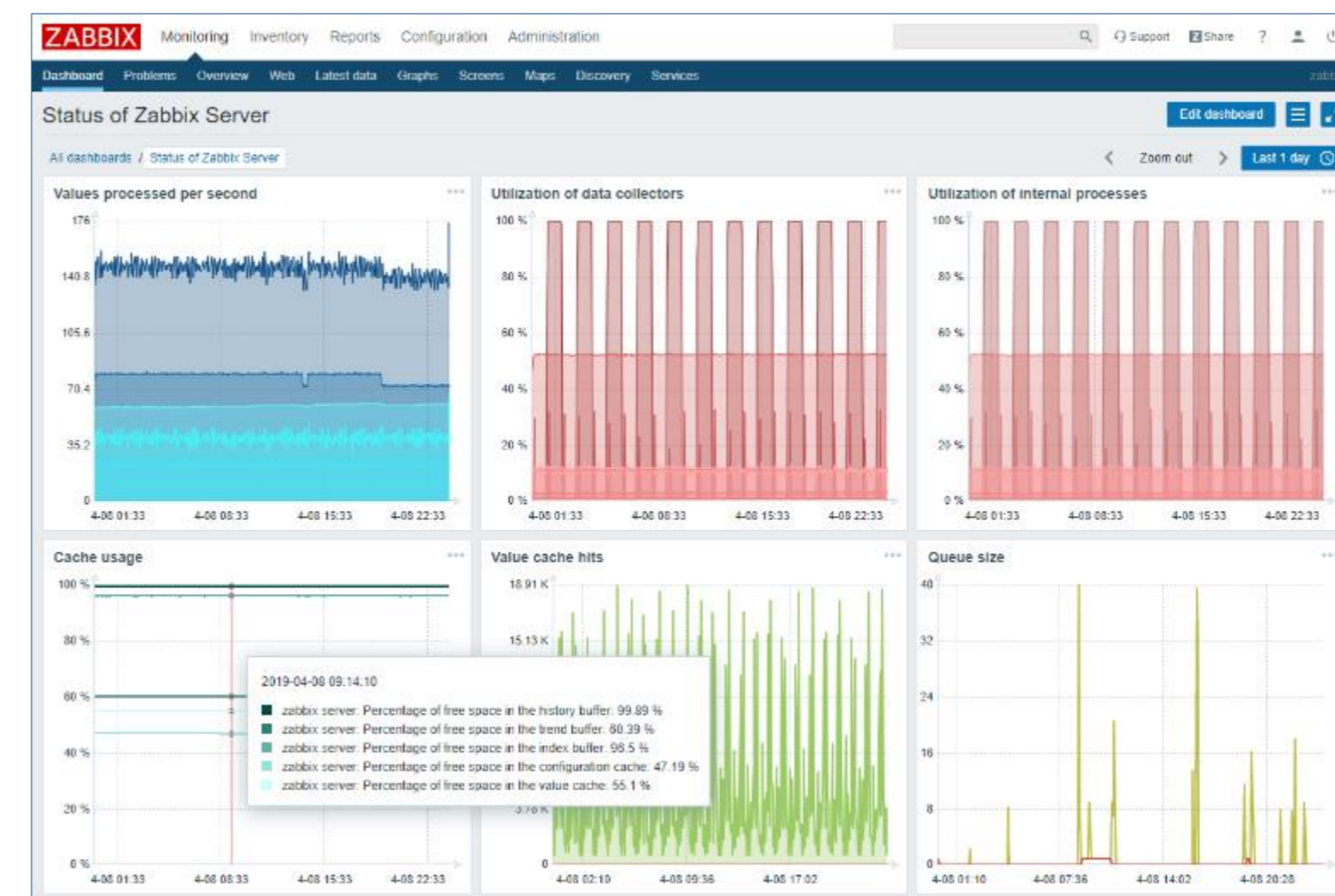
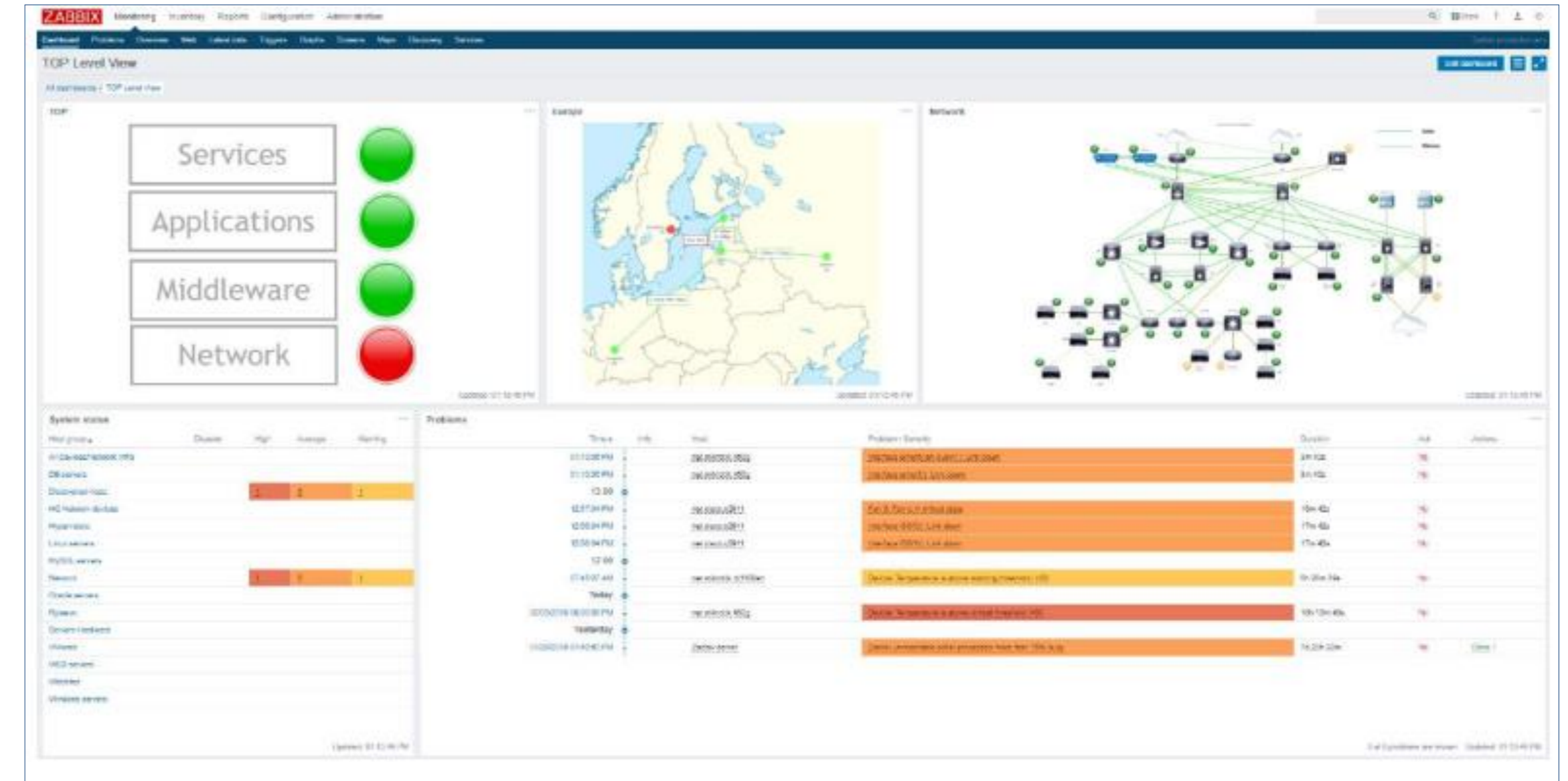
5. Data gathering

- Zabbix offers great performance and can be scaled to very large environments
- Data is gathered using various methods, including Zabbix native agents and agentless options: SNMPv1, SNMPv2, SNMPv3, IPMI, WMI, trappers, SSH, Telnet, web checks.

Visualization Dashboard

Zabbix Dashboard is a central place in the web frontend that provides personalized details about the monitored environment:

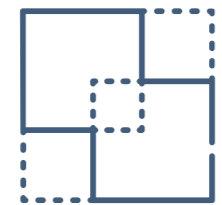
- Maps
- Graphs
- Screens
- Problems
- System status
- Host status
- Status of Zabbix server
- Discovery status
- Web



New Developments



Reporting and Visualization



Unification of screens and dashboards



Templates for dashboards



Multi-page dashboards



Scheduled PDF Reports



API tokens



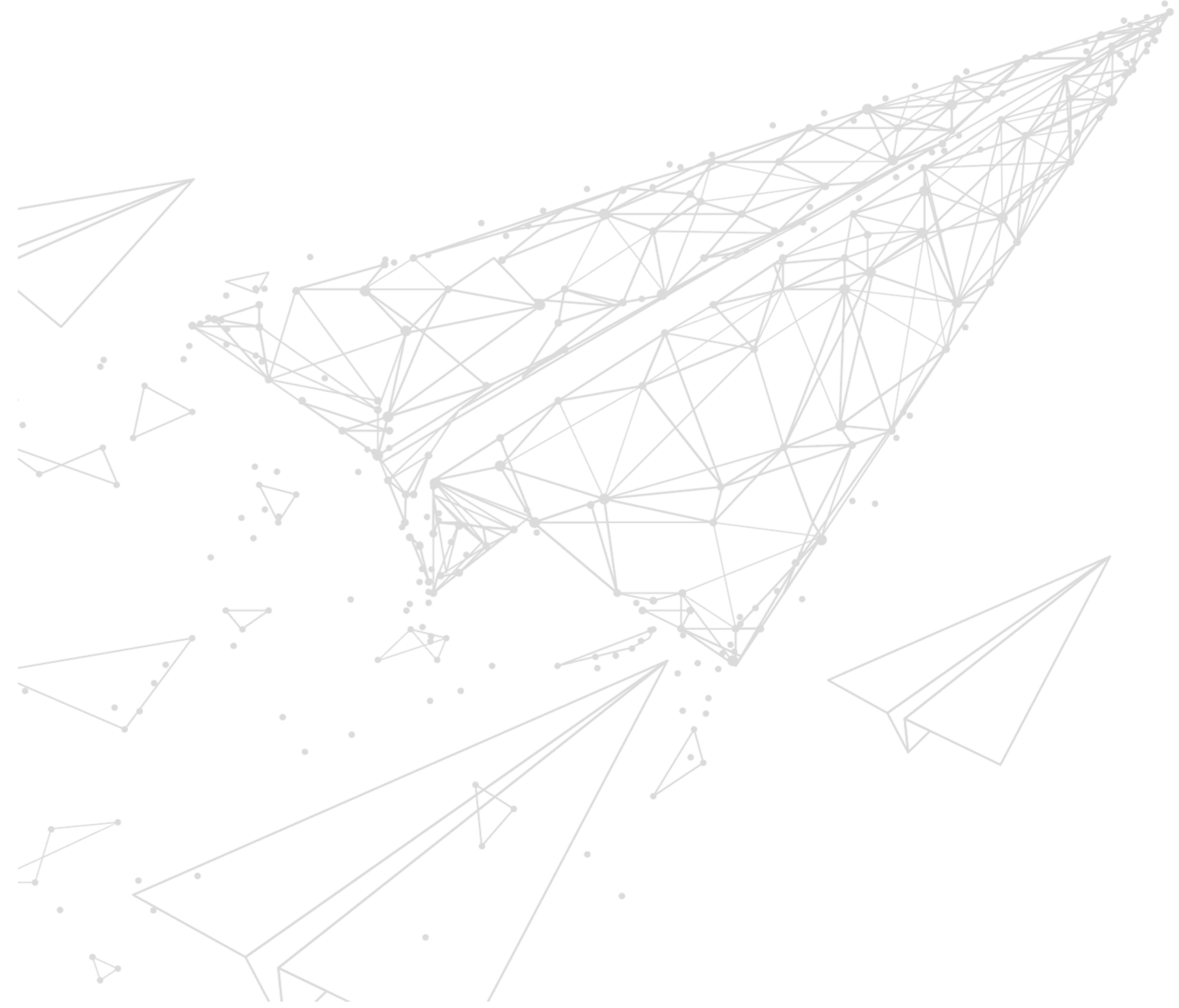
Powerful maps with drill to parent child dependencies



Advantages of Zabbix against other Industry products

- Zabbix is FOSS software and free
- Provides a "plugin architecture" which allow to monitor all kinds of equipment, software, or other metrics
- No license cost for devices to be monitored
- Easy to Scale
- Robust and Easy-to-use GUI
- Security and authentication
- Effortless deployments
- Flexible design deployment via templating system
- Easy integrations with Applications, ITSM and Reporting tools

Zabbix use cases





Zabbix Implementation for a large global financial services company

SNAPSHOT

Our client is a major commerce and financial services company serving more than 20,000 clients and more than one million merchant locations in over 130 countries. They power the global economy by advancing the way the world pays, banks, and invests.

BUSINESS ISSUE

Our client used a legacy monitoring tool. It lacked automation and created multiple challenges such as inability to monitor custom parameters and send alerts depending on the criticality of the business services.

Our client needed to replace their existing tool with a robust and holistic monitoring system enabled efficient infrastructure monitoring, visibility, and cost-effectiveness. They turned to ASPL Info to achieve that and more.

THE ASPL INFO SOLUTION

Upon a complete analysis of our client's infrastructure, we suggested Zabbix Enterprise Monitoring implementation. It provided a single Dashboard for our client's entire group IT infrastructure and remote location IT infrastructure monitoring. As well as such single-pane visibility, it enabled real-time monitoring of applications across our client's ecosystem and technology stack. The IT team receives 24/7 real-time alerts and reports presenting timely opportunities to optimize the IT ecosystem.



IMPACT

We used a series of environments to propel success for our client and delivered an efficient and synchronized system.

We also established significant business outcomes for our client.

- Early problem detection and threat recognition
- Real-time notifications
- Avoidance of network outages
- Improved issues resolution time
- Improved reliability of their IT resources
- Real-time performance overview and iteration potential
- Increased customer satisfaction and digital experience
- Increased ROI for Business.



Case Study

Zabbix Implementation for a leading global Telecom Analytics provider

SNAPSHOT

Our client is a leading provider of Telecom analytics solutions across the globe for roaming, core network, security, risk management, end-to-end domestic and international connectivity testing, and customer intelligence.

BUSINESS ISSUE

To monitor their infrastructure, our client used multiple tools with different dashboards and parameters. As the monitoring tools ran in silos, it was a challenge to identify the root cause of issues. Efficient reporting was also complex as the parent and dependent components lacked tagging.

Our client needed a holistic monitoring system that gave them a single-pane view of their IT entire infrastructure and enabled them to forewarn before issues occurred. That meant minimizing the downtime impact. Add to that our client's need to perform bot, custom application, and monitor a range of data center components such as Network, Security, and Access Control. They turned to ASPL Info to achieve that and more.

• Introduction to ASPL Info



THE ASPL INFO SOLUTION

Upon a complete analysis of our client's infrastructure, we provided our client with Zabbix as an Enterprise-Grade Monitoring solution to monitor their entire IT landscape. Zabbix provided a single Dashboard for the group IT infrastructure and remote location IT infrastructure monitoring with real-time alerts and reports for the IT team to bridge the need gaps. We replaced three well know ITOM solutions being PRTG, Manage Engine, and Splunk.



IMPACT

We used a series of environments to propel success for our client and delivered an efficient and synchronized system.

We also established significant business outcomes for our client

- Benchmarked standard performance
- Effective allocation of resources
- Robust management of a changing IT environment
- Early problem detection and threat recognition
- Seamless deployment of new technology and system upgrades
- Real-time performance overview and iteration potential.



Q&A

Please post your query on the chat window
or send a DM to the specific speaker

Or

Email us at ria.s@asplinfo.com

Experience surety