

Steve DESTIVELLE / ZABBIX Summit 2023



Level Up
your monitoring
as a **ZABBIX**
experienced
beginner

Welcome to the Summit

Welcome to this presentation on how to get started with Zabbix and progress to become an expert in monitoring management.

Zabbix is a powerful open-source monitoring solution that enables you to effectively monitor and manage your IT infrastructure.

In this presentation, we will cover the steps to begin with Zabbix, and then we'll explore how you can evolve to become an expert using this solution.



Begin with Zabbix



Begin with Zabbix

Understanding Zabbix Basics

The Zabbix Components

- Zabbix Server
- Zabbix Database
- Zabbix Proxy



Begin with Zabbix

Understanding Zabbix Basics

The “Flow”



Begin with Zabbix

Understanding Zabbix Basics

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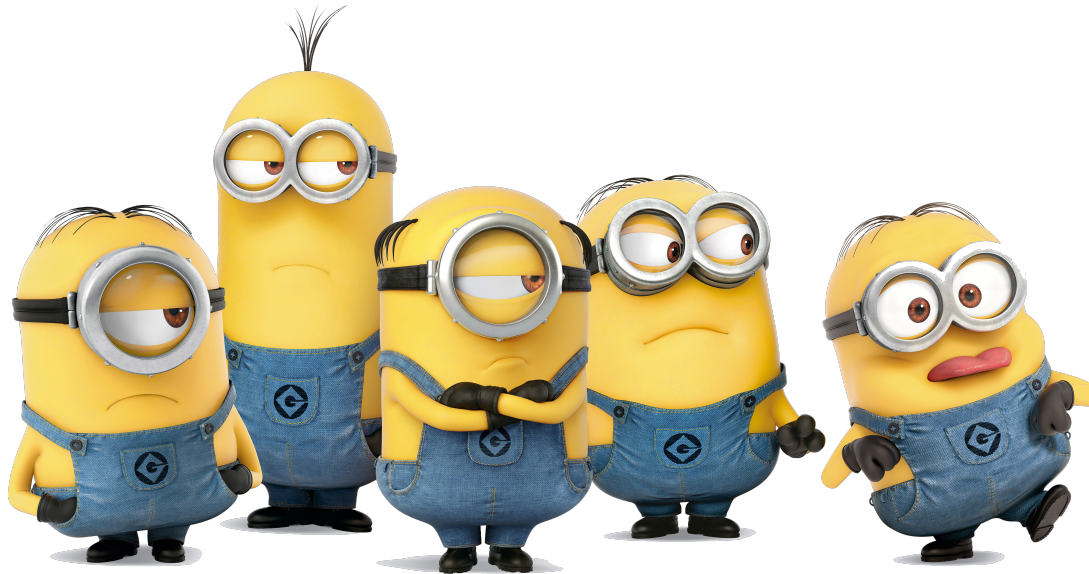
- Zabbix Agents: Learn how to install and configure Zabbix agents on the systems you want to monitor.
- Using Zabbix Agent and Zabbix Proxy: Learn how to gather data from various types of devices, including remote equipment through proxies.
- Hosts and Host Groups: Discover how to organize your monitored devices into hosts and host groups for efficient management.
- Items, Dependencies, and Triggers: Get acquainted with monitoring items, their dependencies, and setting thresholds for triggers.



Begin with Zabbix

Data Collection

- Templates: Learn how to use templates to simplify the monitoring configuration of multiple similar hosts.



Begin with Zabbix

Monitoring Configuration

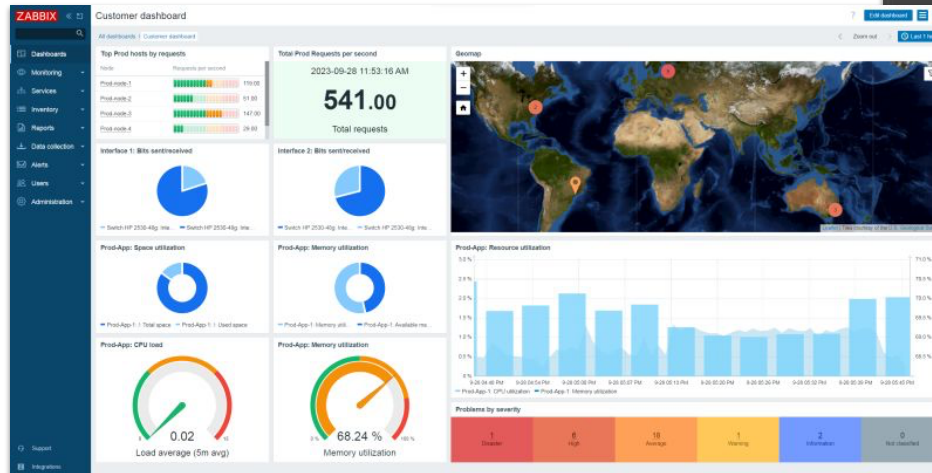
- Actions and Notifications: Set up actions to respond to detected issues and configure notifications via email, SMS, etc.



Begin with Zabbix

Dashboard and visualization

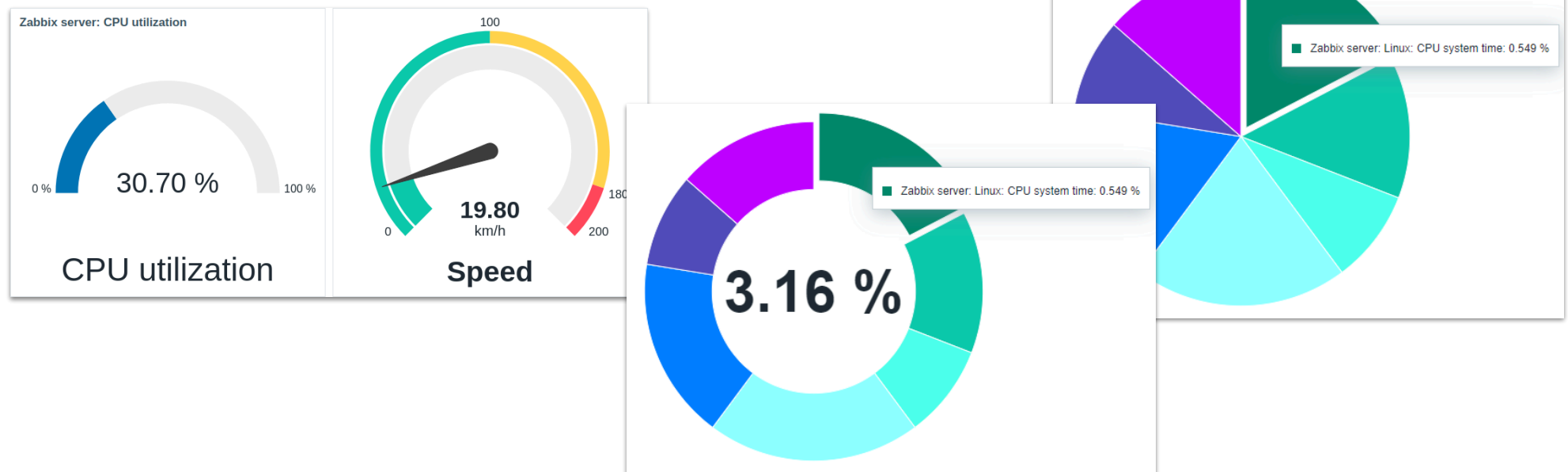
Dashboard creation: Learn how to create customized dashboards to display monitoring data intuitively.



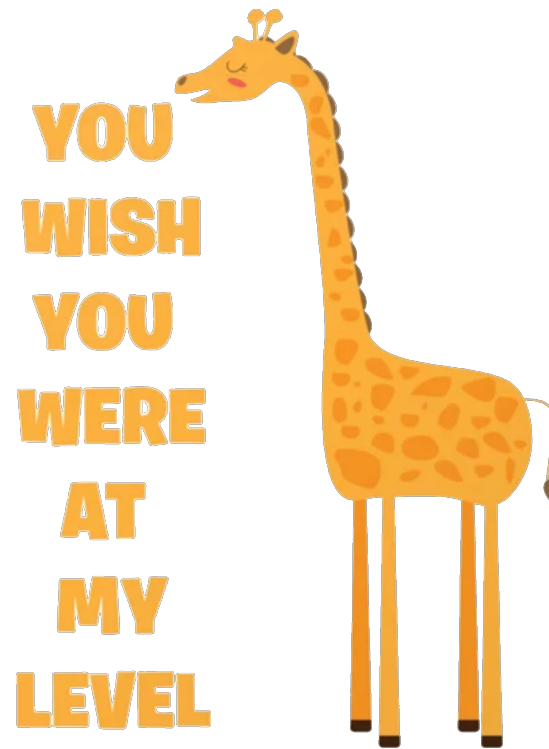
Begin with Zabbix

Dashboard and visualization

Charts and Widgets: Explore chart and widget creation options for improved visualization.



Become a Zabbix expert



Become a Zabbix expert

Advanced Customization

- Custom Monitoring: Master the creation of custom scripts to collect data specific to your infrastructure.
- Advanced Template Development: Create custom templates for complex devices.
- Take advantage of Master item and Dependant item



Become a Zabbix expert

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Become a Zabbix expert

Performance Optimization

- Database Optimization: Learn how to optimize the Zabbix database to handle heavy monitoring workloads.
- Scaling: Explore horizontal and vertical scaling options to manage large infrastructures.
- Master the Pre-processing steps to manage overload



Become a Zabbix expert

Automation and integration

- Task Automation: Utilize scripts and actions to automate problem management and remediation.
- API: Fluently speak the Zabbix API language.
- Integration with Other Tools: Learn how to integrate Zabbix with other management solutions, such as ticketing systems or orchestration tools.

make monitoring platform IZI to use



Become a Zabbix expert

Security and Access Management

- Securing Zabbix: Implement security strategies to protect your monitoring infrastructure.
- User and Permission Management: Define roles and permissions to ensure appropriate access to monitoring data.



Become a Zabbix expert

Advanced Monitoring

- Monitoring Complex Networks: Explore techniques for monitoring distributed networks and cloud architectures.
- Data Analysis: Utilize Zabbix's advanced capabilities for monitoring data analysis and report generation.



In conclusion

Zabbix is a flexible and powerful monitoring solution, suitable for both small and large infrastructures.

Starting with the basics and progressing to advanced skills, you can become an expert in monitoring management with Zabbix.

Remember to continue your education, explore new features, and engage with the Zabbix community to stay up-to-date and share your knowledge.



In conclusion

Zabbix is not the solution, but the *tool* to assist you in better monitoring your infrastructures and applications.



Level Up
your monitoring





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Who we are ?

- Biggest French speaking company specialised in ZABBIX
- Leader of the French speaking community



<https://gitlab.izi-it.io/community>



contact@izi-it.io



<https://izi-it.io>

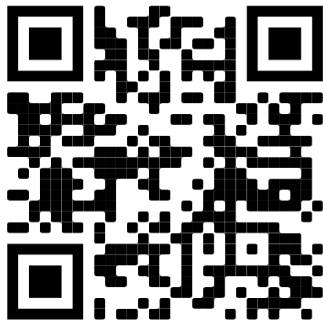


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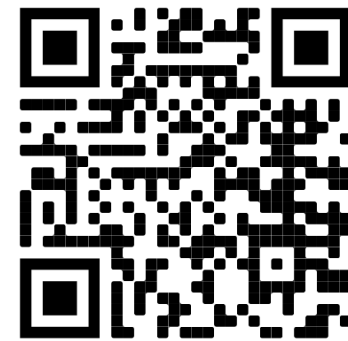


Join our community

The French speaking ZABBIX
Discord community with more than
890 members around the world



The French ZABBIX Forum



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