ZABBIX 6.0 WORKSHOP WEEK

SECURING YOUR ZABBIX INSTANCE WITH USER ROLES, PERMISSIONS AND PASSWORD COMPLEXITY REQUIREMENTS

01

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PERMISSIONS GRANULARITY

PERMISSION GRANULARITY

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Network Operation Center team roles:

- Access to Dashboards and Maps
- Access to Problems, Latest Data, Hosts
- No access to Configurations
- No access to Administration Section
- Restrict access to the API
- Cannot close problems

Network Administrators role:

- Access to Dashboards and Maps
- Access to Problems, Latest Data, Hosts
- Access to Configurations
- No access to Administration Section
- Restrict access to the API
- Is allowed to close problems

PERMISSION GRANULARITY AND MULTI-TENANCY

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Granular permission is a key factor for multi-tenant environments:

- Each tenant can have different monitoring requirements
- Singular and isolated view of their requirements
- Restricted access to elements per tenant
- Cleaner and more intuitive User Experiecne

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USER ROLES AND USER TYPES

USER ROLES

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By default we have four user roles :

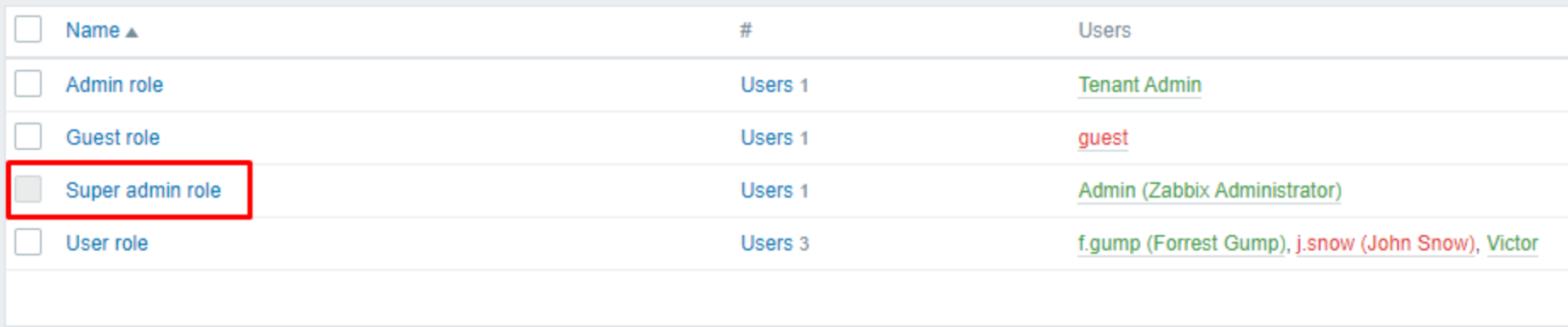
- Super Admin Role
- Admin Role
- User Role
- Guest Role

Name ▲	#	Users
Admin role	Users 1	Tenant Admin
Guest role	Users 1	guest
Super admin role	Users 1	Admin (Zabbix Administrator)
User role	Users 3	f.gump (Forrest Gump), j.snow (John Snow), Victor

Displaying 4 of 4 found

SUPER ADMIN ROLE

- Cannot be modified
- At least a single Super admin role must exist in your environment
- New roles of the type “Super Admin” can be modified



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USER TYPES

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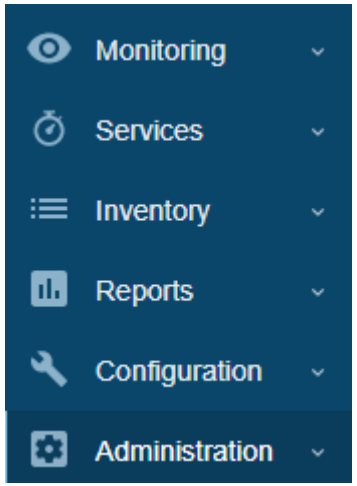
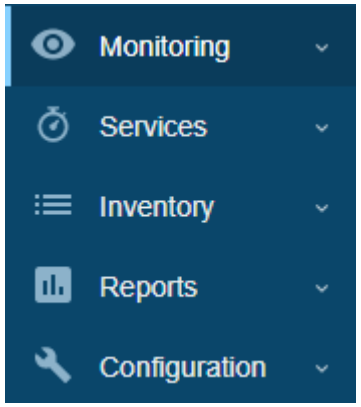
Zabbix has three user types:

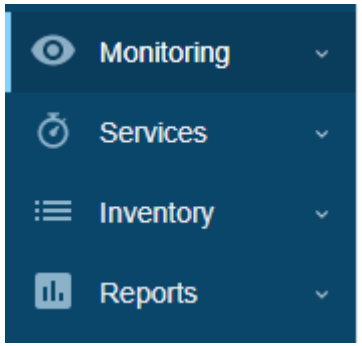
Super admin User



Admin user

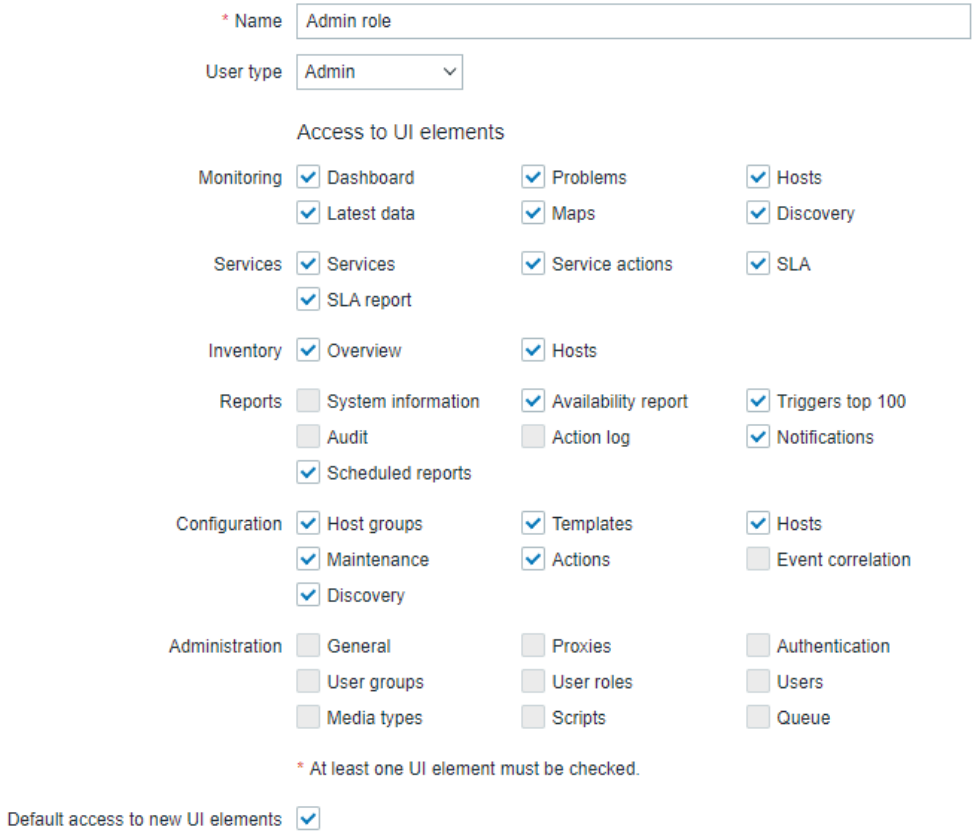


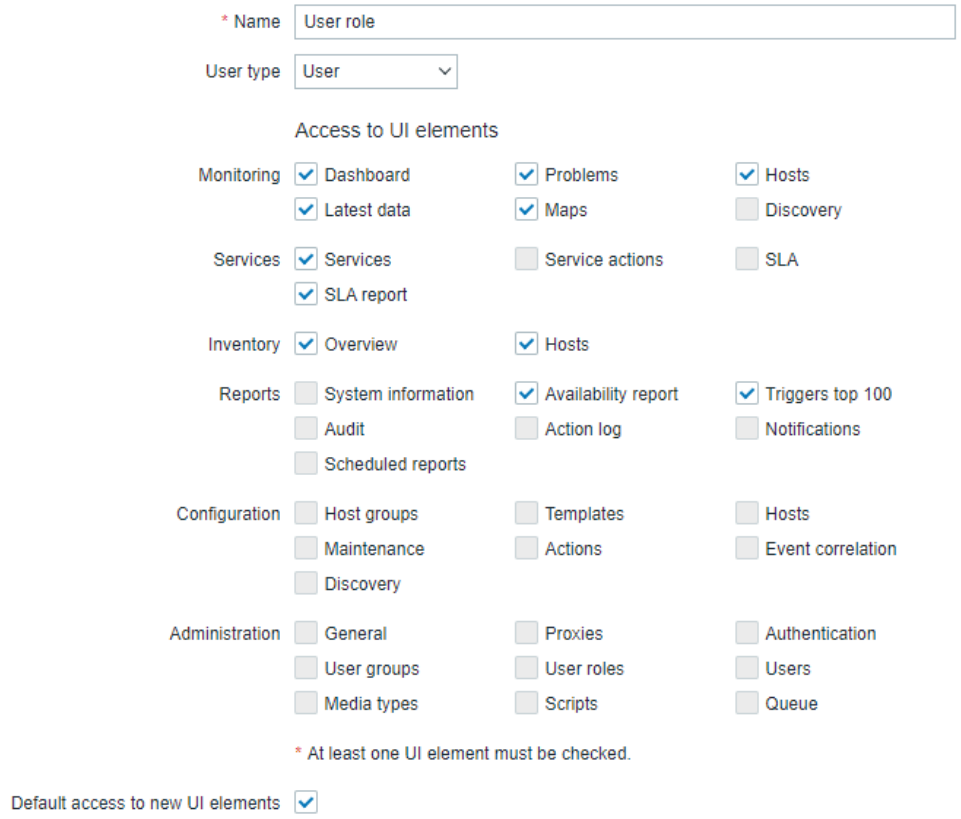
User



USER ROLES SECTION

- Each role have maximum allowed access per user type





UI ELEMENTS RESTRICTION

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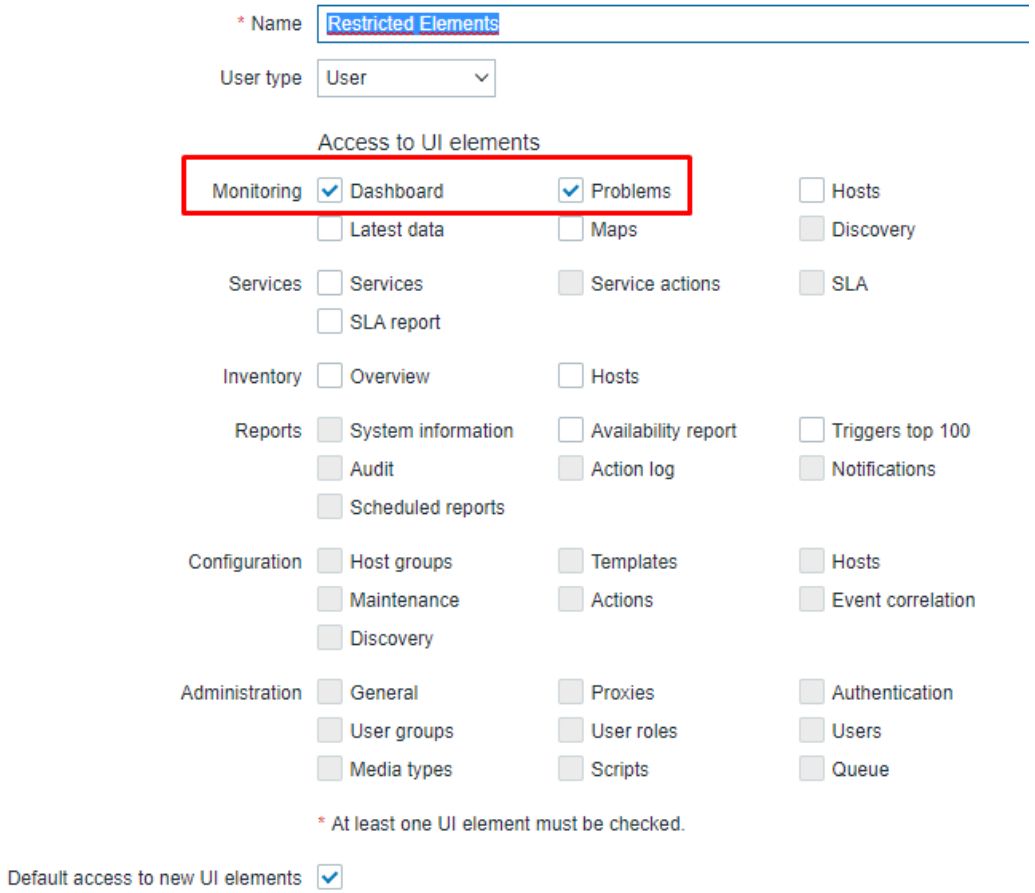
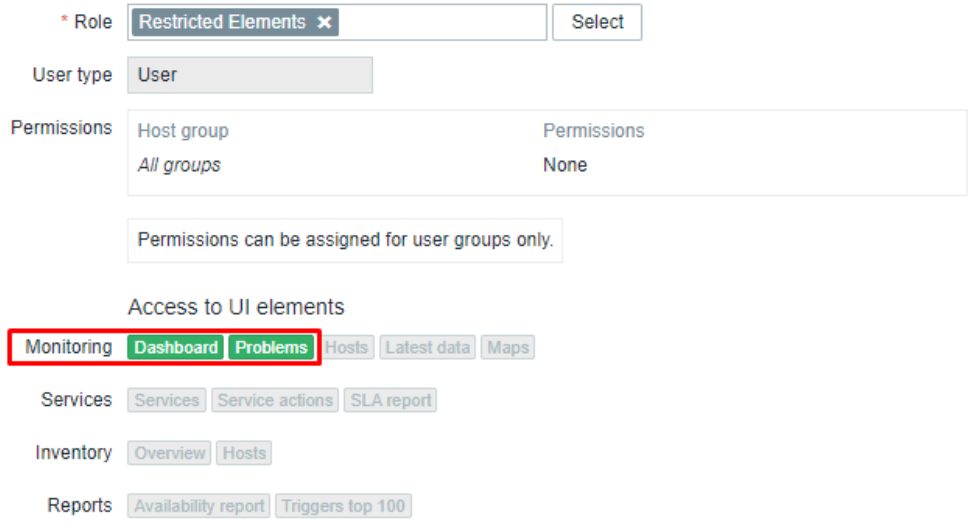
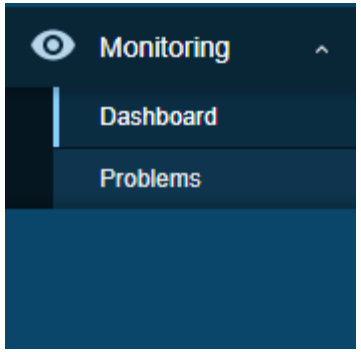
The Role



User assigned to Role



Elements User can access on Frontend



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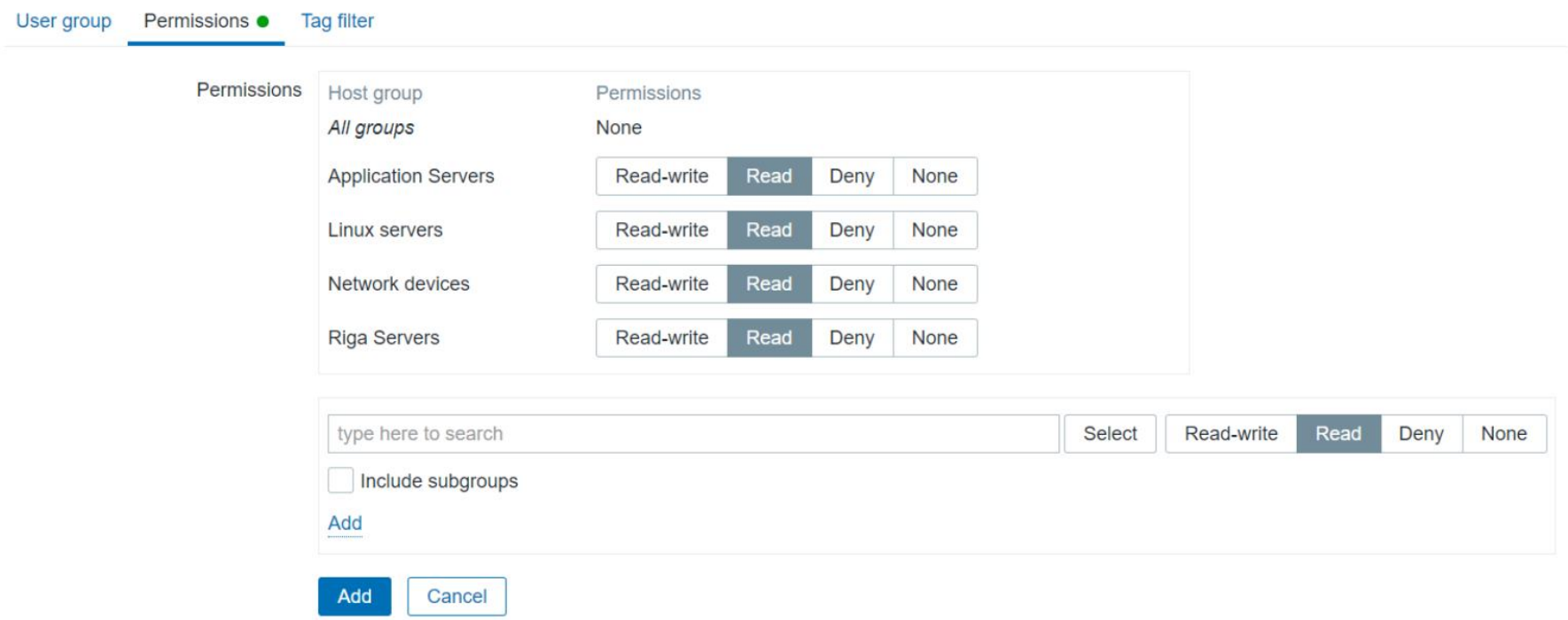
PERMISSIONS

WHAT ABOUT PERMISSION?

- Access to hosts data is granted to **User Groups**
- User group is granted access to a **Host Group**



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CUSTOM ZABBIX PASSWORD COMPLEXITY REQUIREMENTS

CUSTOM PASSWORD POLICIES

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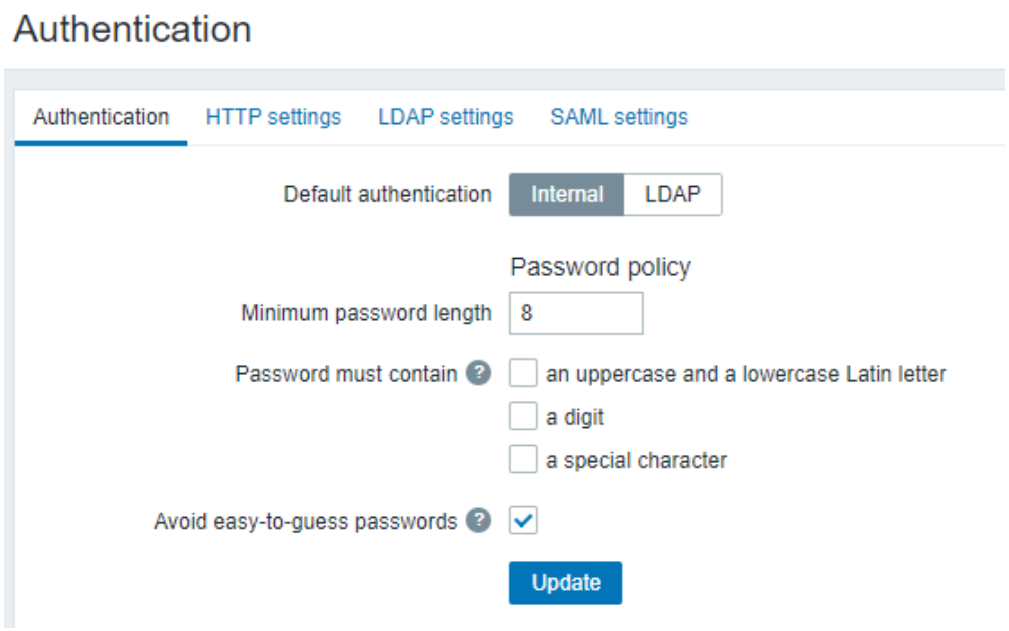
New feature in Zabbix to create custom password policies:

- Minimum password length
- Define requirements
  - an uppercase and a lowercase Latin letter
  - a digit
  - a special character
- Avoid easy-to-guess passwords



BECOME ZABBIX CERTIFIED!

Training schedule

ATTEND ZABBIX TRAINING COURSES!

Apply now

AVAILABLE TRAINING COURSES

Zabbix offers 4 standard training courses. Each course is designed for a particular type of user:

Level 1

Zabbix Certified User

Use Zabbix frontend to view information. Know potential of Zabbix

1 day

Requirements

None

Level 2

Zabbix Certified Specialist

Setup & configure Zabbix in SMBs or configure Zabbix in large companies

5 days

Requirements

Advanced computer literacy

Level 3

Zabbix Certified Professional

Manage big, distributed, highly loaded installations in large companies

3 days

Requirements

Zabbix Certified Specialist exam or attendance certificate

Level 4

Zabbix Certified Expert

Design & maintain highly efficient & loaded setups with expertise in API, HA/DR, and DB partitioning

5 days

Requirements

Requirements: Zabbix Certified 5.0 Specialist certificate

AVAILABLE EXTRA TRAINING COURSES

At the moment, Zabbix offers four Extra training courses. It is possible to choose one or several classes to study the features you require working with Zabbix professionally.

Automation and Integration with Zabbix API

The course is designed to provide a detailed and in-depth study of Zabbix API functionality - like import host groups, generate reports, or integrate with other systems.

1 day

Requirements
None

Advanced Zabbix Data Pre-processing

The course will cover how to extract and transform information from different sources using Zabbix built-in functionality - without using external tools or scripts.

1 day

Requirements
None

Advanced Zabbix Security Administration

The course will cover how to protect Zabbix internal communications and secure sensitive information like user credentials or encryption keys.

1 day

Requirements
None

Advanced Problem and Anomaly Detection with Zabbix

The course is fully dedicated to problem detection, from creating simple triggers to using new long-term analytics functions.

1 day

Requirements
None

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Thank you

www.zabbix.com