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

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

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 Experience
02

USER ROLES AND USER TYPES
USER ROLES

By default we have four user roles:

- Super Admin Role
- Admin Role
- User Role
- Guest Role
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
USER TYPES

Zabbix has three user types:

Super admin User

Admin user

User
Each role have maximum allowed access per user type
UI ELEMENTS RESTRICTION

The Role

User assigned to Role

Elements User can access on Frontend
03

PERMISSIONS
WHAT ABOUT PERMISSION?

- Access to hosts data is granted to **User Groups**
- User group is granted access to a **Host Group**
CUSTOM ZABBIX PASSWORD COMPLEXITY REQUIREMENTS
CUSTOM PASSWORD POLICIES

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
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, HAVDR, and DB partitioning
5 days
Requirements
Requirements: Zabbix Certified 5.0 Specialist certificate
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Duration</th>
<th>Requirements</th>
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</thead>
<tbody>
<tr>
<td>Automation and Integration with Zabbix API</td>
<td>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.</td>
<td>1 day</td>
<td>None</td>
</tr>
<tr>
<td>Advanced Zabbix Data Pre-processing</td>
<td>The course will cover how to extract and transform information from different sources using Zabbix built-in functionality - without using external tools or scripts.</td>
<td>1 day</td>
<td>None</td>
</tr>
<tr>
<td>Advanced Zabbix Security Administration</td>
<td>The course will cover how to protect Zabbix internal communications and secure sensitive information like user credentials or encryption keys.</td>
<td>1 day</td>
<td>None</td>
</tr>
<tr>
<td>Advanced Problem and Anomaly Detection with Zabbix</td>
<td>The course is fully dedicated to problem detection, from creating simple triggers to using new long-term analytics functions.</td>
<td>1 day</td>
<td>None</td>
</tr>
</tbody>
</table>
ZABBIX

6.0

Thank you

www.zabbix.com