

Тихон Усков

ZABBIX Инженер команды интеграции

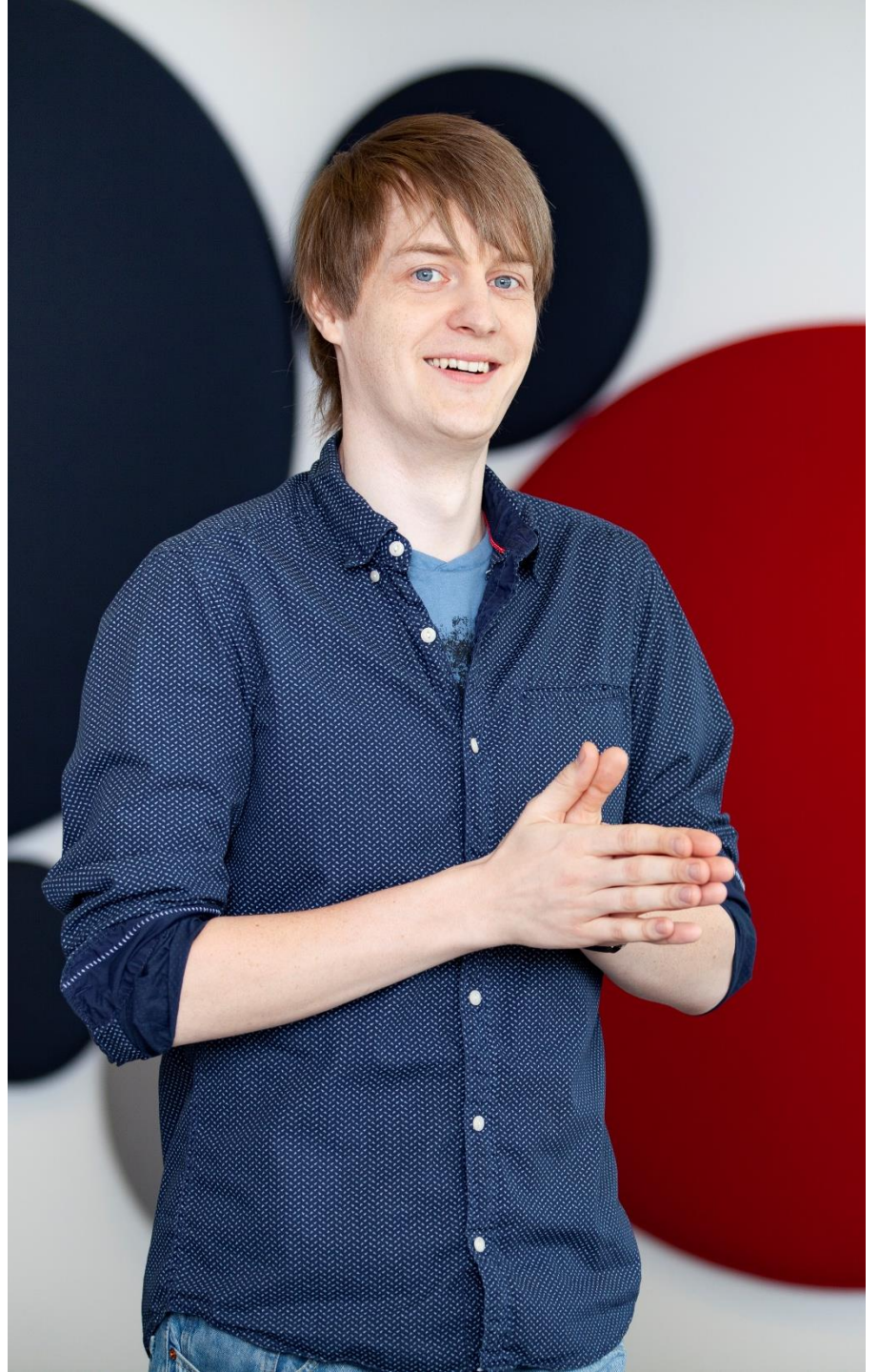
УЛУЧШЕНИЯ UI/UX В ZABBIX 5

НЕМНОГО СЛАВЫ

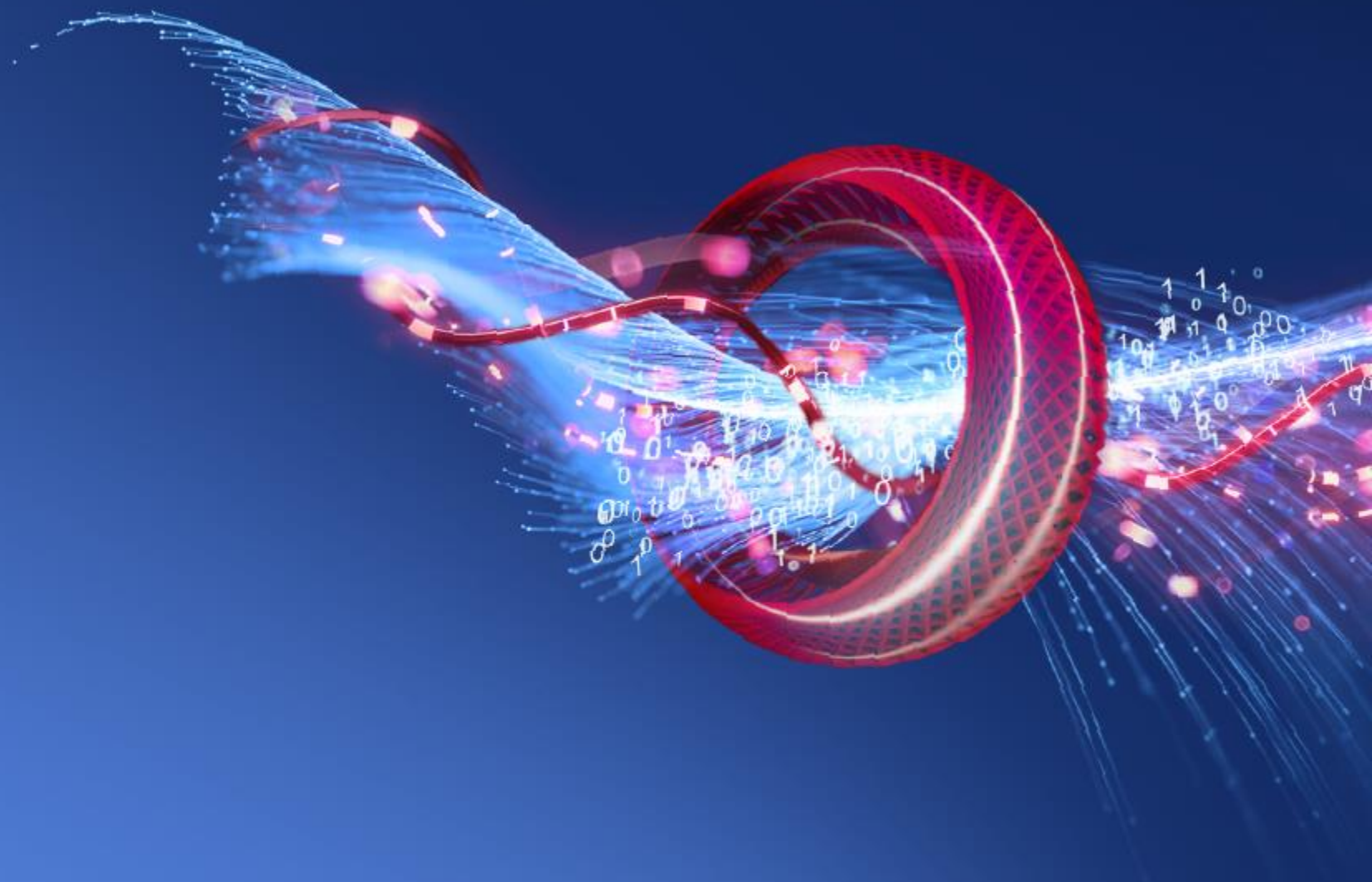
Появление ответственного за UI/UX:

- тимлид команды интеграции
- использует опыт интеграторов
- пользуется заббиксом и понимает его проблемы
- получает фидбек от разноязычных комьюнити

**Vjacheslavs Bogdanovs*



ФРОНТЕНД: НАСТРОЙКИ



НАСТРОЙКА ЯЗЫКА И ВРЕМЕННЫХ ЗОНЫ

До:
GUI ▾

Default theme	Blue ▾
* Limit for search and filter results	1000
* Max count of elements to show inside table cell	50
Show warning if Zabbix server is down	☒
<button>Update</button>	

После:
GUI ▾

Default language	English (en_GB) ▾ 
Default timezone	UTC ▾
Default theme	Blue ▾
* Limit for search and filter results	1000
* Max count of elements to show inside table cell	50
Show warning if Zabbix server is down	☒
<button>Update</button>	

НАСТРОЙКИ ПРОФИЛЯ ПОЛЬЗОВАТЕЛЯ

ZABBIX << 

ZBXNEXT-250

 Monitoring

 Inventory

 Reports

 Configuration

 Administration

User profile: Zabbix Administrator

UserMediaMessaging

You are not able to choose some of the languages, because locales for them are not installed on the web server.

Theme

System default

Auto-login

☒

Auto-logout

☐ 15m

* Refresh

30s

* Rows per page

50

URL (after login)

Update

Cancel

УСТАНОВКА

ZABBIX

Welcome

Check of pre-requisites

Configure DB connection

Zabbix server details

Pre-installation summary

Install

Welcome to

Zabbix 5.2

Default language 

Cancel

Back

Next step

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УСТАНОВКА

ZABBIX

Welcome

Check of pre-requisites

Configure DB connection

Zabbix server details

GUI settings

Pre-installation summary

Install

GUI settings

Default time zone

System

Default theme

Blue

Cancel

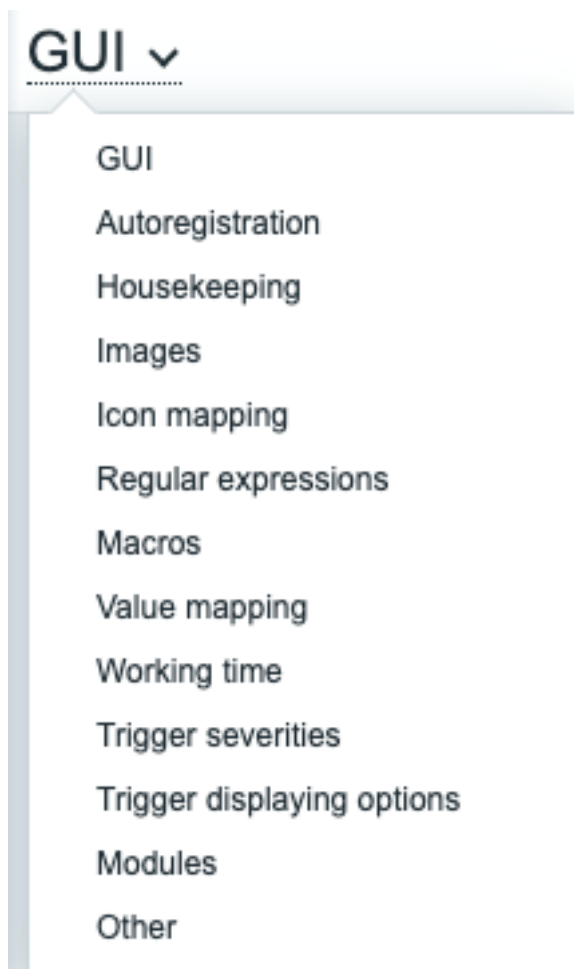
Back

Next step

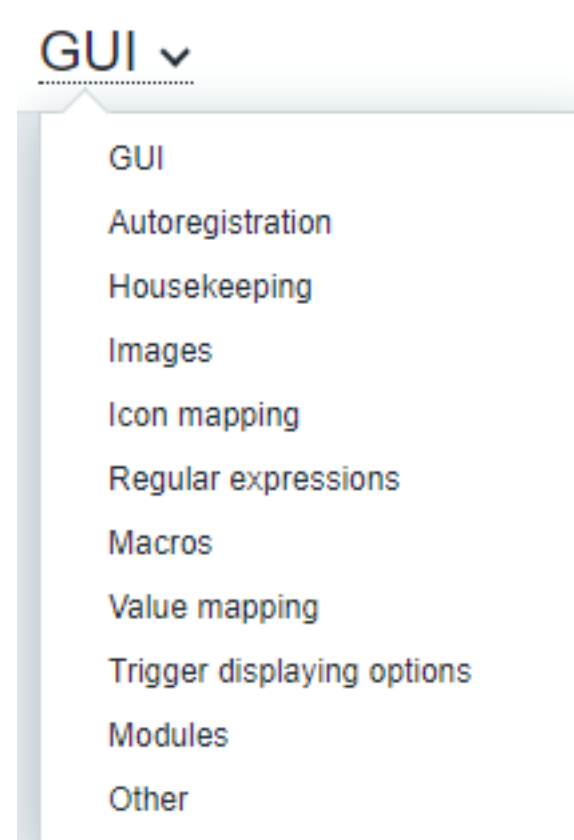
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РЕОРГАНИЗАЦИЯ МЕНЮ

До:



После:



РЕОРГАНИЗАЦИЯ МЕНЮ

ZABBIX <<

ZBXNEXT-82

 Monitoring

 Inventory

 Reports

 Configuration

 Administration

General

Proxies

Authentication

User groups

Users

Media types

Scripts

Queue

Trigger displaying options ▾

Use custom event status colours ☐

* Unacknowledged PROBLEM events ☒ blinking

* Acknowledged PROBLEM events ☒ blinking

* Unacknowledged RESOLVED events ☒ blinking

* Acknowledged RESOLVED events ☒ blinking

* Display OK triggers for

* On status change triggers blink for

* Not classified

* Information

* Warning

* Average

* High

* Disaster

Custom severity names affect all locales and require manual translation!

Update

Reset defaults

ВЫНОС ПАРАМЕТРОВ ИЗ ФАЙЛА КОНФИГУРАЦИИ DEFINES.INC.PHP

* Refresh unsupported items

Group for discovered hosts

Default host inventory mode Disabled Manual Automatic

User group for database down message

Log unmatched SNMP traps ☒

ВЫНОС ПАРАМЕТРОВ ИЗ ФАЙЛА КОНФИГУРАЦИИ DEFINES.INC.PHP

ZABBIX << 

ZBXNEXT-82-5.1

Monitoring

Inventory

Reports

Configuration

Administration

General

Proxies

Authentication

User groups

Users

Media types

Scripts

Queue

Other configuration parameters ▾

* Refresh unsupported items

10m

* Group for discovered hosts

My group ✕

Select

Default host inventory mode

Disabled Manual Automatic

User group for database down message

Zabbix administrators ✕

Select

Log unmatched SNMP traps

☒

Authorization

* Login attempts

5

* Login blocking interval

30s

Security

Validate URI schemes

☒

Valid URI schemes

http,https,ftp,file,mailto,tel,ssh

* X-Frame-Options HTTP header

SAMEORIGIN

Use iframe sandboxing

☒

Iframe sandboxing exceptions

Communication with Zabbix server

* Network timeout

3s

* Connection timeout

3s

* Network timeout for media type test

65s

* Network timeout for script execution

60s

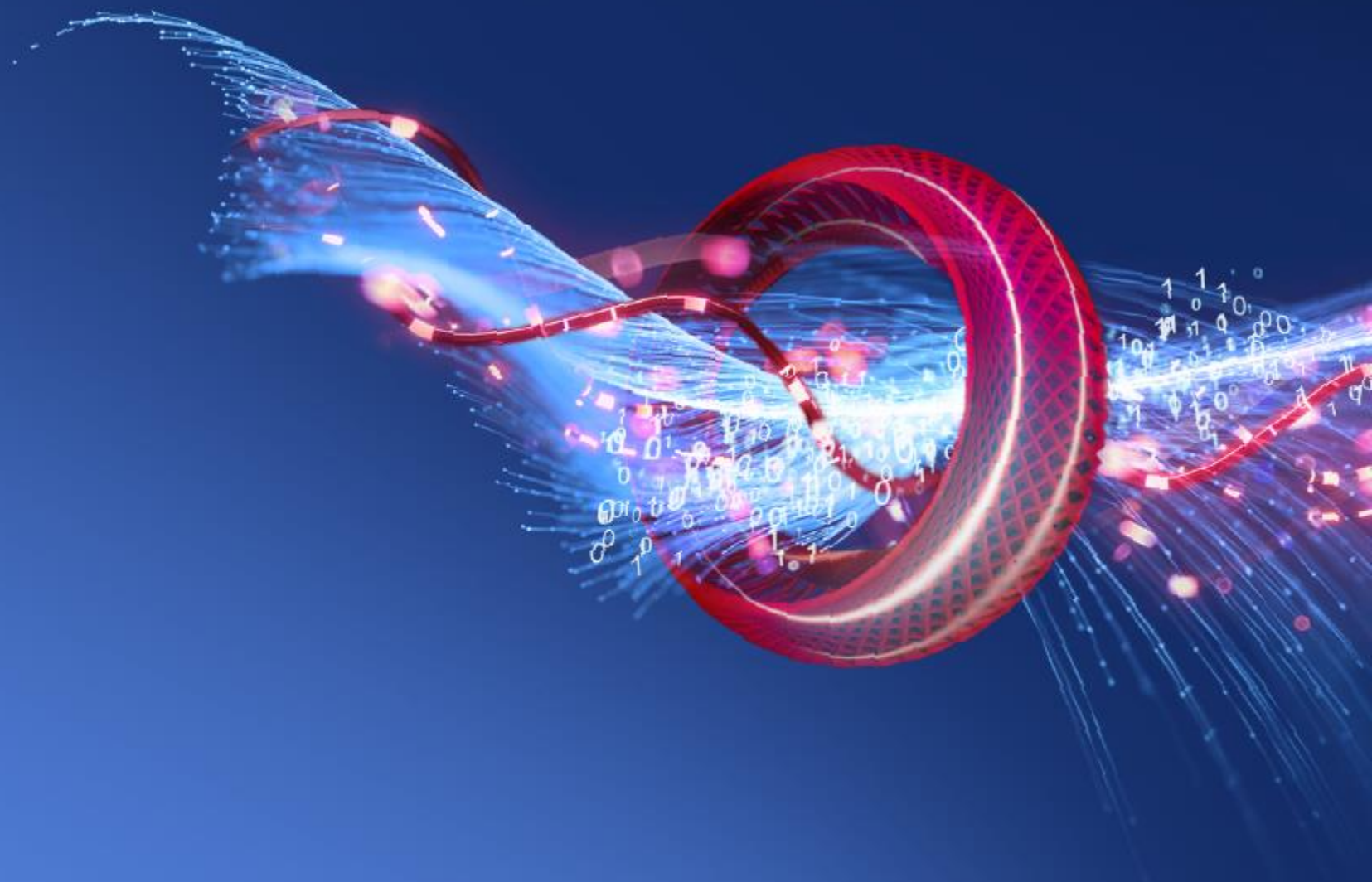
* Network timeout for item test

60s

Update

Reset defaults

ФРОНТЕНД:
КОМФОРТ



НАСТРОЙКИ ВИДНО

- Индикация отсутствует, если настройки стандартные
- Индикатор, если включена функциональность
- Счетчик количества настроек на вкладке

Hosts

All hosts / Zabbix server Enabled ZBX SNMP JMX IPMI Applications 12 Items 88 Triggers 48 Graphs 14 Discovery rules 3 Web scenarios

Host Templates 2 IPMI Tags 3 Macros 5 Inventory ● Encryption

Disabled Manual Automatic

Type

Type (Full details)

Name

← System name

ФИЛЬТРЫ ДЛЯ УЗЛОВ СЕТИ И ПРОБЛЕМ

Problems

[Export to CSV](#)

[<](#) [Home](#) [Critical](#) [Datacenters 14](#) [Databases 0](#) [User portal](#) [>](#) [Last 2 years](#) [Zoom out](#) [>](#)

Show

Recent problems

Problems

History

Host groups [Select](#)

Hosts [Select](#)

Application [Select](#)

Triggers [Select](#)

Problem

Severity ☐ Not classified ☐ Warning ☒ High ☐ Information ☐ Average ☒ Disaster

Host inventory [Remove](#)

[Add](#)

Tags

And/Or Or

Contains Equals

 [Remove](#)

[Add](#)

Show tags

None 1 2 3

 Tag name

Full Shortened None

Tag display priority

Show operational data

None Separately With problem name

Show suppressed problems ☒ Show unacknowledged only ☒

Compact view ☒ Show timeline ☐

Show details ☐ Highlight whole row ☐

[Save as](#) [Apply](#) [Reset](#)

ФИЛЬТРЫ ДЛЯ УЗЛОВ СЕТИ И ПРОБЛЕМ

Filter properties ×

*

 Name

Untitled

Show number of records ☒

Set custom time period ☒

From

now-1h

To

now

Delete

Save

Cancel

ЭКРАНЫ В ШАБЛОНАХ - НА ПЕНСИЮ

ZABBIX

Monitoring

Inventory

Reports

Configuration

Host groups

Templates

Hosts

Maintenance

Actions

Event correlation

Discovery

Services

Administration

Support

Share

Help

User settings

Sign out

New dashboard

+ Add widget

Paste widget

Save changes

Cancel

All templates / Template App Zabbix Server Applications 1 Items 46 Triggers 34 Graphs 6 Dashboards 1 Discovery rules Web scenarios

Add a new widget

Dashboard properties

* Name

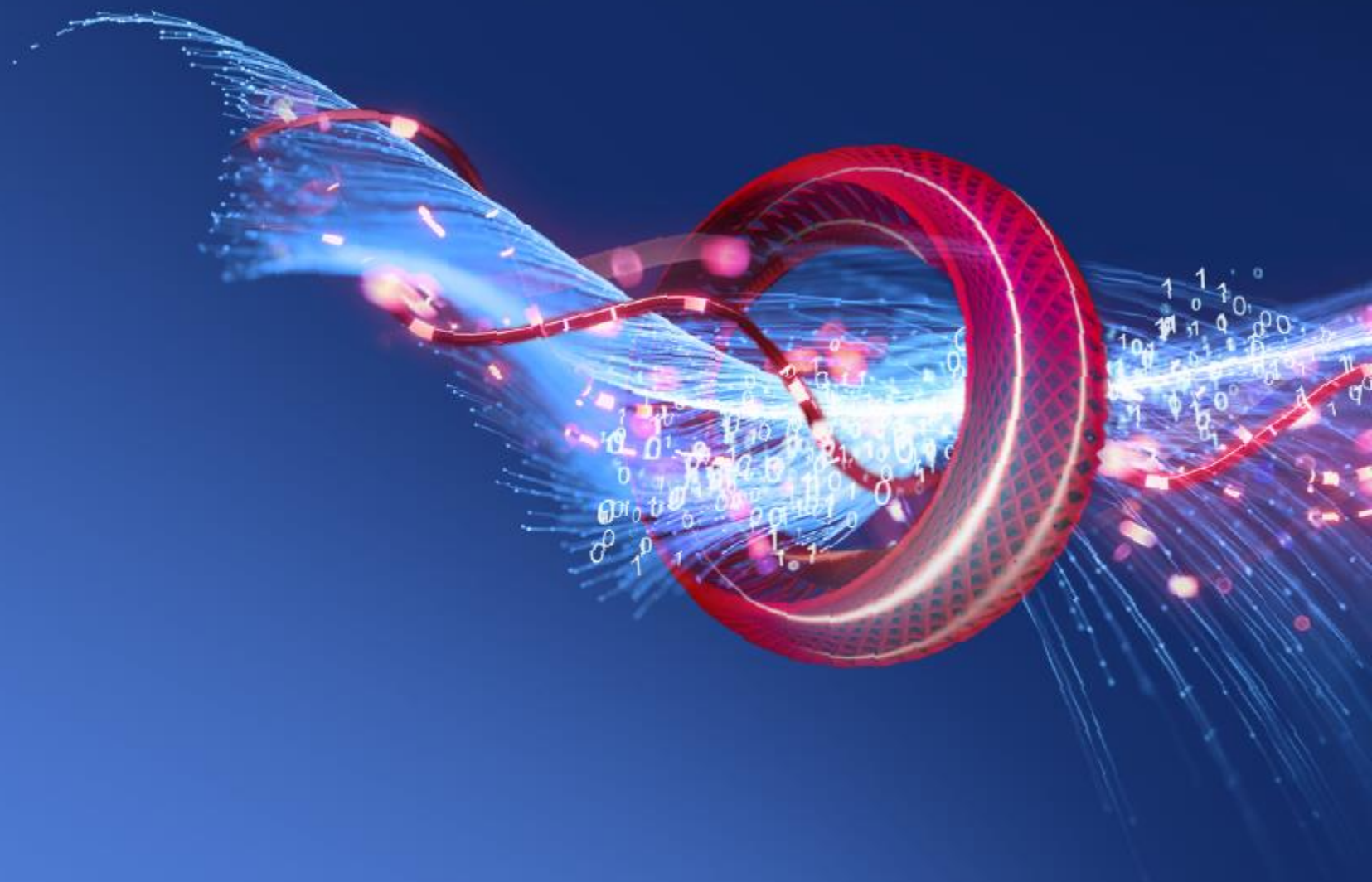
New dashboard

Apply

Cancel

Zabbix 5.2.0alpha1. © 2001–2020, Zabbix SIA

УЗЛЫ СЕТИ



УЗЛЫ СЕТИ БЕЗ ИНТЕРФЕЙСОВ

Host Templates IPMI Tags Macros Inventory Encryption

* Host name

Visible name

* Groups

Interfaces No interfaces are defined for this host.

[Add](#)

Description

Monitored by proxy

Enabled ☒

☐	Name ▲	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Proxy
☐	Smart bulbs: Bulb_1_floor_4	Applications	Items 2	Triggers	Graphs	Discovery 1	Web		
☐	Smart bulbs: Bulb_2_floor_4	Applications	Items	Triggers	Graphs	Discovery 1	Web		
☐	new	Applications	Items 3	Triggers	Graphs	Discovery 1	Web		
☐	Zabbix server	Applications 12	Items 88	Triggers 48	Graphs 14	Discovery 3	Web	127.0.0.1: 10050	

Name ▲	Interface	Availability	Tags	Problems	Status
Bulb_1_floor_4		ZBX SNMP JMX IPMI			Enabled
Bulb_2_floor_4		ZBX SNMP JMX IPMI			Enabled
new		ZBX SNMP JMX IPMI			Enabled
Zabbix server	127.0.0.1: 10050	ZBX SNMP JMX IPMI		1	Enabled

ИНТЕРФЕЙСЫ ПРОТОТИПОВ УЗЛОВ СЕТИ

All hosts / Never: export_host_one Enabled ZBX SNMP JMX IPMI Discovery list / export_rule1 Item prototypes Trigger prototypes Graph prototypes Host prototypes

Host Groups Templates IPMI Macros Inventory Encryption

* Host name

Visible name

Interfaces **Inherit** Custom

Type	IP address	DNS name	Connect to	Port	Default
Agent	127.0.0.1		IP DNS	10050	☐ Remove
SNMP	127.0.0.1		IP DNS	161	☐ Remove

* SNMP version

Context name

Security name

Security level

☐ Use bulk requests

[Add](#)

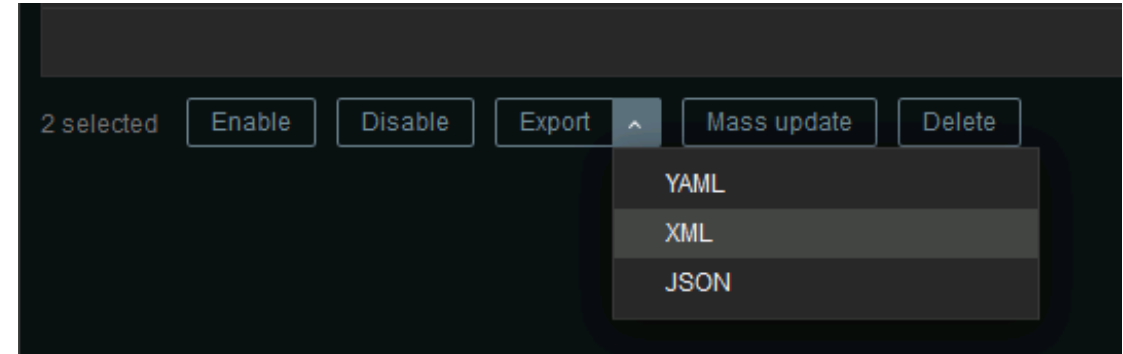
Monitored by proxy

Create enabled ☒

Discover ☒

ПОДДЕРЖКА НОВЫХ ФОРМАТОВ ДЛЯ ШАБЛОНОВ

```
zabbix_export:
  version: '5.0'
  date: '2020-06-05T10:28:07Z'
  groups:
    group:
      name: Templates/Applications
  templates:
    template:
      template: Template App Zabbix Server
      name: Template App Zabbix Server
      groups:
        group:
          name: Templates/Applications
      applications:
        application:
          name: Zabbix server
  items:
    item:
      - name: Zabbix LLD queue
        type: INTERNAL
        key: 'zabbix[lld_queue]'
        history: 1w
        description: Count of values enqueued in the preprocessing queue.
        applications:
          application:
            name: Zabbix server
      - name: Zabbix preprocessing queue
        type: INTERNAL
        key: 'zabbix[preprocessing_queue]'
        history: 1w
        description: Count of values enqueued in the preprocessing queue.
        applications:
          application:
            name: Zabbix server
      - name: 'Utilization of alerter internal processes, in %'
        type: INTERNAL
        key: 'zabbix[process,alerter,avg,busy]'
```



THANK
YOU!

