Thoughts About the Future

Alexei Vladishev, Founder & CEO

ZABBIX '18
SUMMIT

1 | Zabbix Roadmap

Zabbix Roadmap is publicly available!

ZABBIX

Zabbix Roadmap

| V 4.0 | V 4.2 | V 4.4 | V 5.0 |

Zabbix 4.0

ETA: September, 2018

Accessibility

Enterprise

- High contrast themes for Zabbix Web UI
- Friendly UI for visually impaired people
- Zabbix UI ready for assistive technologies

More flexible permissions

Enterprise

- Tag based permissions and alerting
- Different problem view for different user groups
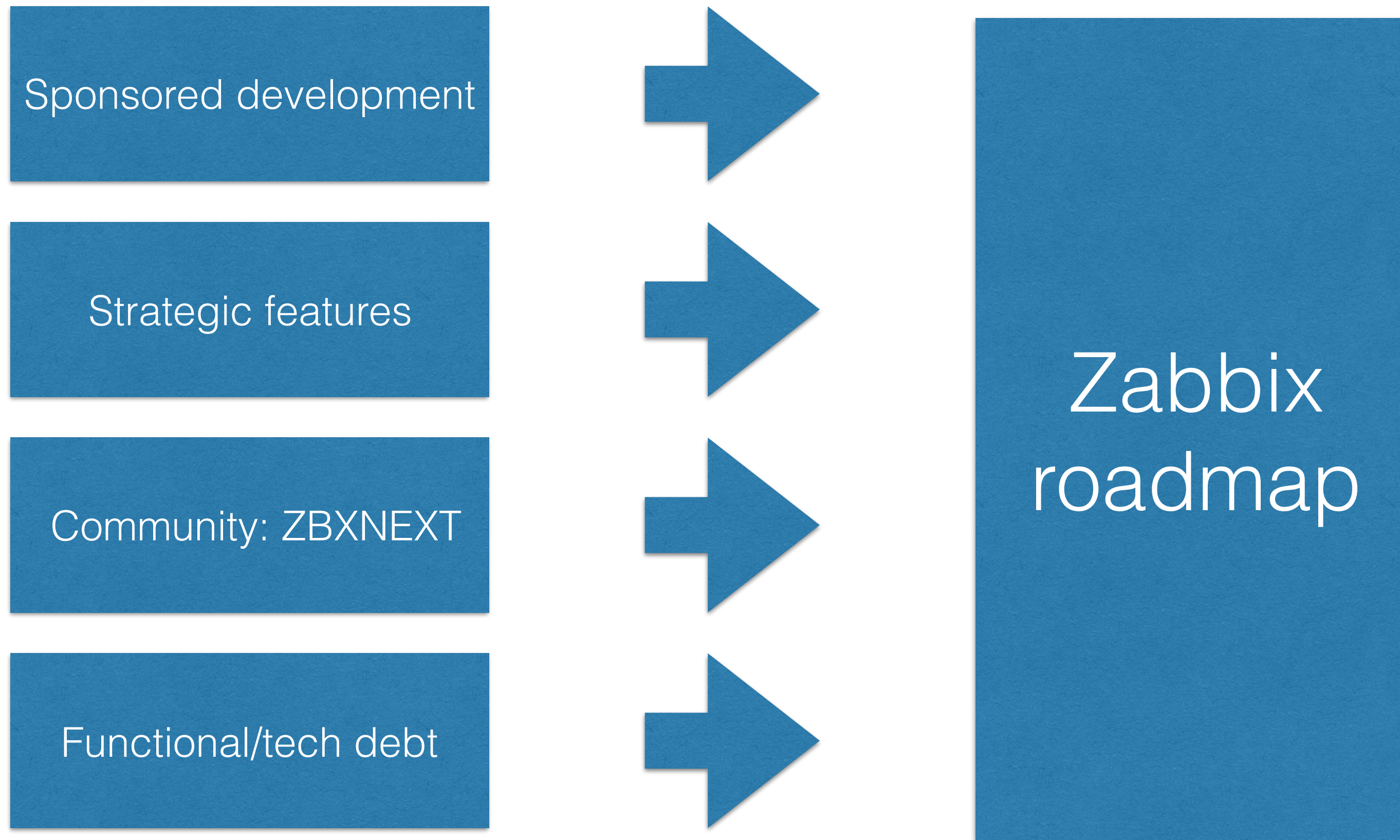
Advanced autoregistration

Enterprise

Sponsored development

Strategic features

Community: ZBXNEXT

Functional/tech debt

ZABBIX

Sponsored development

Strategic features **20-30%**

Community: ZBXNEXT

Functional/tech debt

ZABBIX

Sponsored development

Strategic features **80%**

Community: ZBXNEXT

Functional/tech debt

V 4.0   V 4.2   V 4.4   V 5.0

Zabbix 4.2

ETA: March, 2019

Infrastructure   General

- Migration to G
- Community ar
- Official builds   Enterprise

Infrastructure

General

- Migration to Git

- Community and partners to review proposals

- Official builds for new platforms

Data collectic

- Validation and
- Discarding val
- Embedded lar
- Preprocessing   Enterprise
- Out of the box

- New syntax for trigger expressions
- Host and template level tags
- Plugin system for dashboard widgets
- Timeout on item level

Ease of use   User experience

- Test actions and media types from UI

- Test item preprocessing from UI

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Zabbix 4.2

ETA: March, 2019

Infrastructure

General

- Migration to Git
- Community an
- Official builds

Enterprise

Data collection

- Validation and
- Discarding valu
- Embedded lan
- Preprocessing for LLD rules including support of JSON and CSV
- Out of the box support of Prometheus agents

Better workflow

Enterprise

- Guidelines for template creators
- Versioning for templates

Enterprise

- New syntax for trigger expressions
- Host and template level tags
- Plugin system for dashboard widgets
- Timeout on item level

Ease of use

User experience

- Test actions and media types from UI
- Test item preprocessing from UI

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Zabbix 4.2

Infrastructure

- Migration to Gi
- Community an
- Official builds f

Enterprise

Data collection   Enterprise

- Validation and throttling rules for preprocessing

- Discarding values and setting custom errors in preprocessing

- Embedded language for extending preprocessing

- Preprocessing for LLD rules including support of JSON and CSV

- Out of the box support of Prometheus agents

Data collection

- Validation and
- Discarding valu
- Embedded lan
- Preprocessing
- Out of the box

Enterprise

Ease of use   User experience

- Test actions and media types from UI
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Zabbix 4.2

ETA: March, 2019

Infrastructure

- Migration to Git
- Community and
- Official builds f

Data collection

- Validation and t
- Discarding valu
- Embedded lang
- Preprocessing f
- Out of the box

Ease of use

User experience

- Test actions and media types from UI
- Test item preprocessing from UI

Enterprise

Enterprise

Enterprise

- Host and template level tags
- Plugin system for dashboard widgets
- Timeout on item level

Extreme flexibility   Enterprise

- New syntax for trigger expressions

- Host and template level tags

- Plugin system for dashboard widgets

- Timeout on item level

Zabbix 4.2

ETA: March, 2019

Infrastructure

- Migration to Git
- Community and
- Official builds fo

Enterprise

Data collection

- Validation and th
- Discarding value
- Embedded langu
- Preprocessing fc
- Out of the box s

Ease of use   User experience

- Test actions and media types from UI

- Test item preprocessing from UI

- Merge calculated and aggregated items

- Replace screens with dashboards

- Multiple filters for Monitoring->Problems

Enterprise

- Plugin system for dashboard widgets
- Timeout on item level

Ease of use   User experience

- Test actions and media types from UI
- Test item preprocessing from UI

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Zabbix 4.2

ETA: March, 2019

Infrastructure
General

- Migration to Git
- Community and
- Official builds fo

Enterprise

Data collection

- Validation and th
- Discarding value
- Embedded langu
- Preprocessing fo
- Out of the box support of Prometheus agents

Plugins
Enterprise

- Webhooks for actions

- Webhooks on problem generation

- Ability to extend context and top level menus

- New syntax for trigger expressions
- Host and template level tags
- Plugin system for dashboard widgets
- Timeout on item level

Enterprise

Ease of use
User experience

- Test actions and media types from UI
- Test item preprocessing from UI

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V 4.0   V 4.2   V 4.4   V 5.0

Zabbix 4.2

ETA: March, 2019

Infrastructure   General

- Migration to Git
- Community and
- Official builds for

Enterprise

Discovery   Enterprise

- Use received data for hostname

Data collection

- Validation and th
- Discarding value
- Embedded langu
- Preprocessing for LLD rules including support of JSON and CSV
- Out of the box support of Prometheus agents

Extreme flexibility   Enterprise

- New syntax for trigger expressions
- Host and template level tags
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Ease of use   User experience

- Test actions and media types from UI
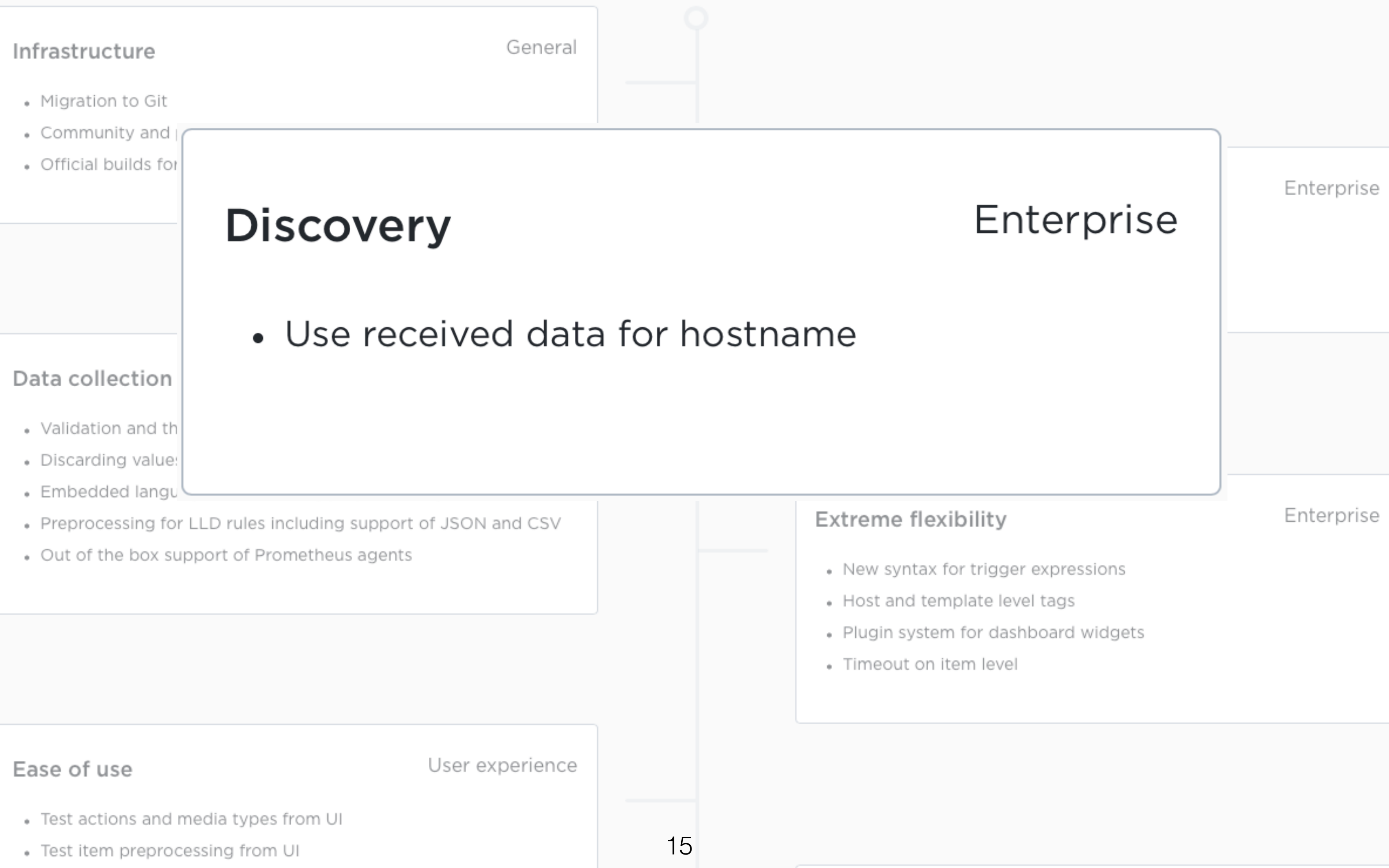- Test item preprocessing from UI

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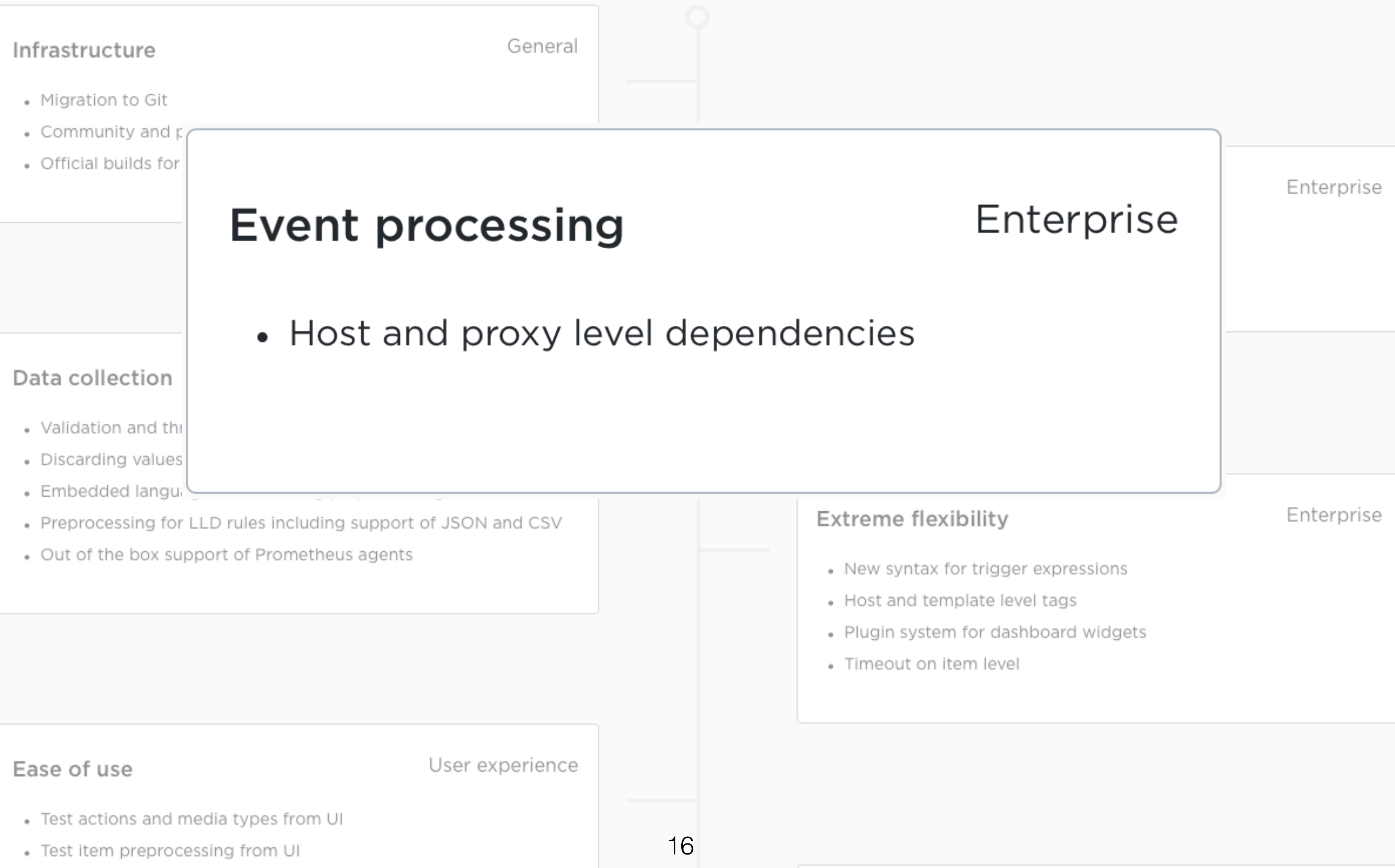V 4.0   V 4.2   V 4.4   V 5.0

Zabbix 4.2

ETA: March, 2019

Infrastructure   General

- Migration to Git
- Community and p
- Official builds for

Enterprise

Event processing   Enterprise

- Host and proxy level dependencies

Data collection

- Validation and thr
- Discarding values
- Embedded langu
- Preprocessing for LLD rules including support of JSON and CSV
- Out of the box support of Prometheus agents

Extreme flexibility   Enterprise

- New syntax for trigger expressions
- Host and template level tags
- Plugin system for dashboard widgets
- Timeout on item level

Ease of use   User experience

- Test actions and media types from UI
- Test item preprocessing from UI

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V 4.0   V 4.2   V 4.4   V 5.0

Zabbix 4.2

ETA: March, 2019

Infrastructure
General

- Migration to Git
- Community and p
- Official builds for

Security and integrity
Enterprise

- API audit records for all operations

Enterprise

Data collection

- Validation and thr
- Discarding values
- Embedded langua
- Preprocessing for LLD rules including support of JSON and CSV
- Out of the box support of Prometheus agents

Extreme flexibility
Enterprise

- New syntax for trigger expressions
- Host and template level tags
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- Timeout on item level

Ease of use
User experience

- Test actions and media types from UI
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Zabbix 4.2

ETA: March, 2019

Infrastructure
General

- Migration to Git
- Community and p...
- Official builds for...

Data collection

- Validation and thr...
- Discarding values
- Embedded langua...
- Preprocessing for...
- Out of the box support of Prometheus agents

Scalability, Redundancy, HA and DM

Enterprise

- List of use cases
- Research on possible solutions

Enterprise

Enterprise

- New syntax for trigger expressions
- Host and template level tags
- Plugin system for dashboard widgets
- Timeout on item level

Ease of use
User experience

- Test actions and media types from UI
- Test item preprocessing from UI

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What about design docs?

Acceptance criteria available for:

ZBXNEXT-4724 Advanced preprocessing including validation, throttling rules, discarding values and setting errors

ZBXNEXT-4087 Allow preprocessing for LLD rules

ZBXNEXT-2976 Support of tags for hosts and templates

2 | Zabbix capabilities

ZABBIX

PRODUCT   **SOLUTIONS**   SERVICES   TRAINING   PARTNERS   COMMUNITY   ABOUT US   **DOWNLOAD**

Monitoring and Integration Solutions β

Search by name

| All Categories | Official Templates | Agents | API | Applications | AWS | Backups | Business KPI | Caching | Clouds |

| Containers | CRM | DevOps | Databases | ERP | HA & Clusters | Helpdesks | Infrastructure | IoT | Java | Logfiles |

| Mail | Message brokers | Mobile | Monitoring systems | Network | Notifications & Alerting | Orchestration | Operation Systems |

| Printers | Search Engines | Security | Services | Servers | Storage | Telephony | Virtual Machines | Visualization | Web |

.NET
.NET

1C:Предприятие

Active Directory
Active Directory

Apache ACTIVEMQ
ActiveMQ

Alcatel·Lucent Enterprise
Alcatel Lucent

Alerta

ANSIBLE

Zabbix + HP Enterprise

ALL Categories | Network | Servers | Infrastructure | Official Templates

HP Enterprise

Hewlett Packard Enterprise

Available solutions

Link	Source	Compatibility	Type, Technology	Created Updated	Rating
Template Server HP iLO SNMPv2 Official template for HP servers with iLO controller. Please see template description and follow the documentation link for more info. Depends on: https://share.zabbix.com/official-templates/template-modules-pack Please download and import them first, unless you already have it in your Zabbix instal ✔ Low Level Discovery (LLD) ✔ SNMP Agent share.zabbix.com/template-server-hp-ilo-snmpv2	share.zabbix.com ⊙ 91	3.4	Template	2018-09-28 3 d	Official
Template Net HP Enterprise Switch SNMPv2 Official template for HP Enterprise Switch (Procurve and others). Please see Template Description and follow documentation link for more info. Depends on: https://share.zabbix.com/official-templates/template-modules-pack Please download and import them first. ✔ Low Level Discovery (LLD) ✔ SNMP Agent www.zabbix.com/documentation/3.4/manual/config/templates_out_of_the_box/network_devices share.zabbix.com/template-net-hp-enterprise-switch-snmpv2	share.zabbix.com ⊙ 902 💬 2	3.4	Template	2017-08-22 9 m	Official

Zabbix + HP Enterprise

ALL Categories | Network | Servers | Infrastructure | Official Templates

Link	Source	Compatibility	Type, Technology	Created Updated	Rating
Template Server HP iLO SNMPv2 Official template for HP servers with iLO controller. Please see template description and follow the documentation link for more info. Depends on: https://share.zabbix.com/official-templates/template-modules-pack Please download and import them first, unless you already have it in your Zabbix instal ✔ Low Level Discovery (LLD) ✔ SNMP Agent share.zabbix.com/template-server-hp-ilo-snmpv2	share.zabbix.com ⊕ 91	3.4	Template	2018-09-28 3 d	Official

share.zabbix.com/template-server-hp-ilo-snmpv2

| Template Net HP Enterprise Switch SNMPv2
 Official template for HP Enterprise Switch (Procurve and others). Please see Template Description and follow documentation link for more info. Depends on: https://share.zabbix.com/official-templates/template-modules-pack Please download and import them first.
 ✔ Low Level Discovery (LLD) ✔ SNMP Agent <br> www.zabbix.com/documentation/3.4/manual/config/templates_out_of_the_box/network_devices <br> share.zabbix.com/template-net-hp-enterprise-switch-snmpv2 | share.zabbix.com ⊕ 902 💬 2 | 3.4 | Template | 2017-08-22 9 m | Official |

VictorOps

Available solutions

Link	Source	Compatibility	Type, Technology	Created Updated	Rating
Zabbix Integration Guide. VictorOps' Zabbix plugin is a set of scripts that queue up trigger notifications and forward them to VictorOps servers for processing. help.victorops.com/knowledge-base/victorops-zabbix-integration/	victorops.com				Vendor

Ansible

ANSIBLE

Ansible is an open source software that automates software provisioning, configuration management, and application deployment. Ansible connects via SSH, remote PowerShell or via other remote APIs.

Available solutions

Link	Source	Compatibility	Type, Technology	Created Updated	Rating
Core Ansible module for Zabbix docs.ansible.com/ansible/latest/modules/list_of_monitoring_modules.html#zabbix			Python		Vendor
Installing and maintaining zabbix-agent for RedHat/Debian/Ubuntu. github.com/dj-wasabi/ansible-zabbix-agent	GitHub ★ 167		Python	2014-11-01 7 d	Popular

It is a moderated list of all known solutions that works!

3 | Zabbix Cloud

Zabbix Cloud beta

ZABBIX

Zabbix in the Cloud — the fastest, easiest route to monitoring

Become a beta tester and get a free trial!

Enter your email   Sign up for beta

- On-click deployment

Zabbix Cloud beta

ZABBIX

Zabbix in the Cloud — the fastest, easiest route to monitoring

Become a beta tester and get a free trial!

[Enter your email]   [Sign up for beta]

- On-click deployment

- Finally, we can build NOC, 24x7 operations and **start eating our own dog food**!

3 | Training programs

Existing training programs

ZCS

Certified Specialist

Medium

ZCP

Certified Professional

High

New offerings

ZABBIX

ZCU ^{new}   ZCS   ZCP   ZCE ^{new}

Certified User   Certified Specialist   Certified Professional   Certified Expert

| Low | Medium | High | Very high |

Difficulty

4 | Worldwide expansion

More than 130+ partners

We have found a good balance between giving away free software and having a sustainable growth

Free Software

Customers in 75+ countries

60+ companies from Fortune 500 run Zabbix

THE FORTUNE 500 ISSUE

JUNE 2018 FORTUNE.COM

FORTUNE

500

RANKING AMERICA'S BIGGEST COMPANIES

Worldwide presence

New York
Riga
Tokyo

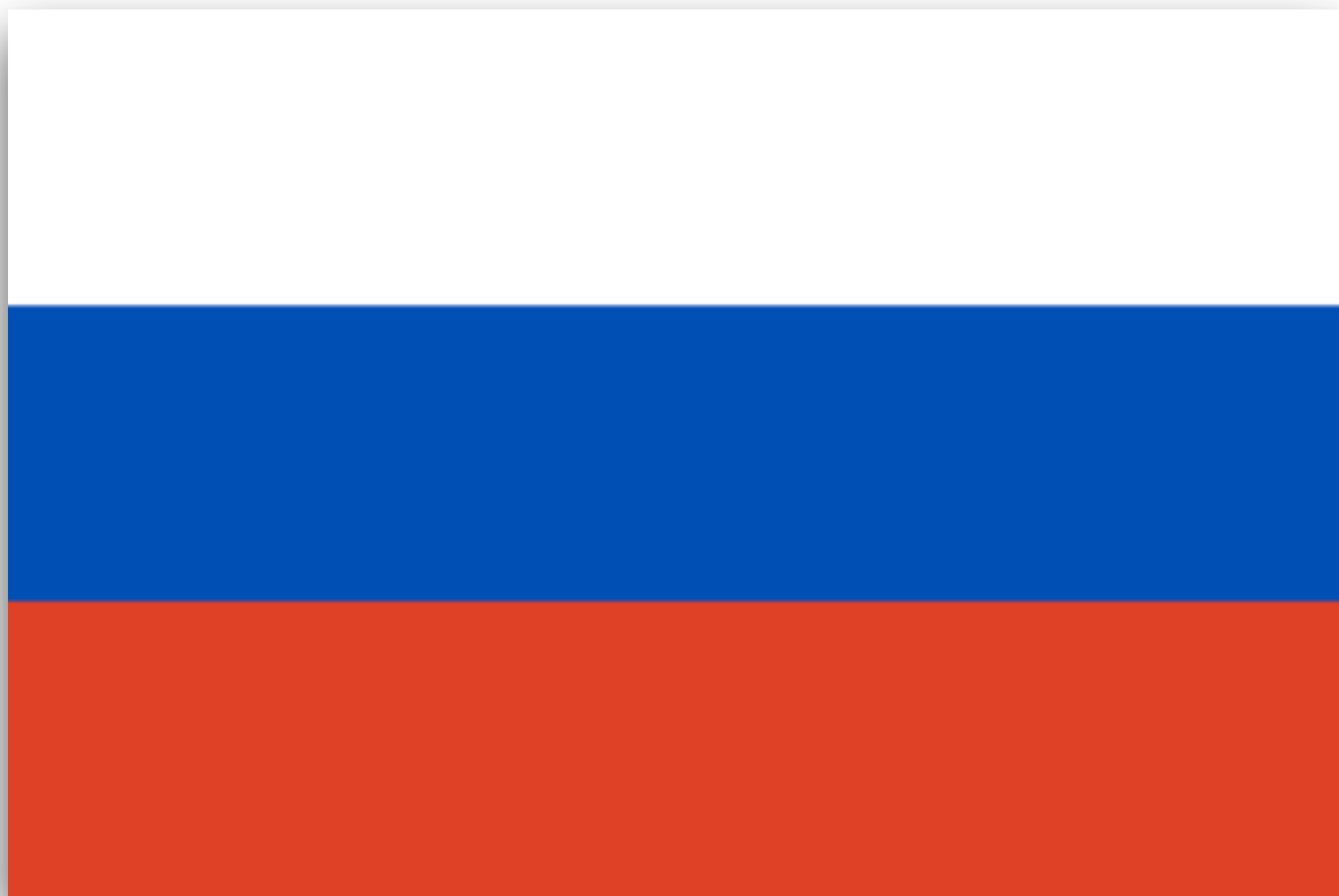# Worldwide presence

ZABBIX

ZABBIX
New York

ZABBIX
Riga

ZABBIX
Moscow
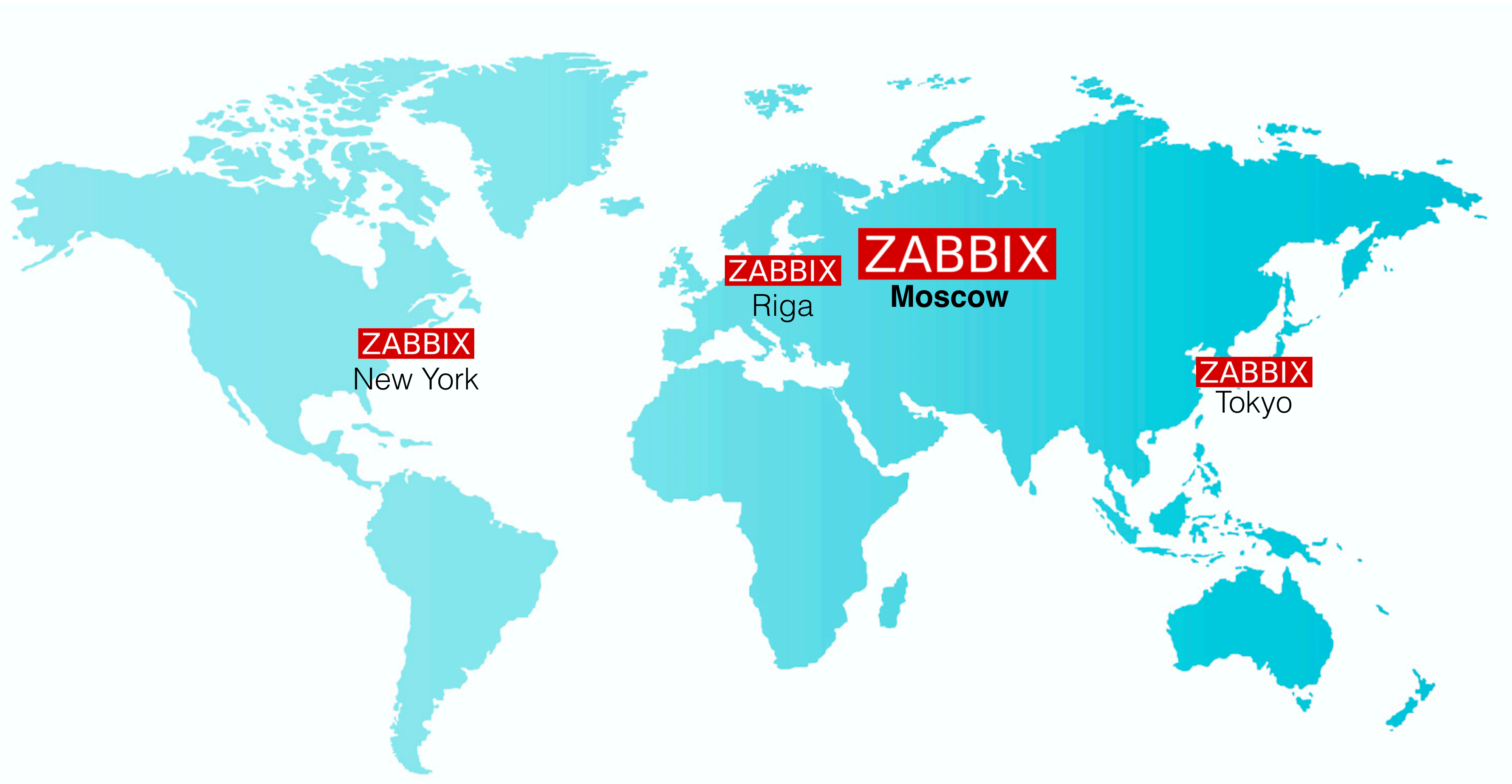
ZABBIX
Tokyo

Moscow!
New York
Riga
Tokyo

Russia

- Заббикс ООО (Zabbix Ltd)

- Office in Moscow

- Location is to be announced soon

- All services to be provided in Russian (все услуги на русском языке!)

China

Grandage
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+ ZABBIX

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Thank you!