

# Thoughts About the Future

Alexei Vladishev, Founder & CEO

**ZABBIX** 2018  
Conference  
JAPAN

# Zabbix Conference Japan 2018 スポンサー

Platinum



Gold



Silver



Media



富士通ソーシャルサイエンスラボラトリ



# Zabbix 4.0 LTS

長期サポートバージョン

3.x ⇒ 4.0へのアップグレードはシームレスに可能

既に多くの企業の実環境で利用



# Zabbix Roadmap

Zabbix Roadmapを  
公開しました!



PRODUCT

SOLUTIONS

SERVICES

TRAINING

PARTNERS

COMMUNITY

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# ZABBIX 4.0 LTS

Retain total visibility  
of your IT infrastructure  
and services

[Explore What's New](#)

**20 years**  
of experience

**100%**  
true Open Source

**300 000 +**  
installations worldwide

# Roadmap

# Zabbix 3.x, 4.0

スポンサーによる  
開発サービス

戦略的な機能追加

コミュニティ: ZBXNEXT

既存機能の改善

**30%**

# Roadmap

スポンサーによる開発サービス

戦略的な機能追加

80%

コミュニティ: ZBXNEXT

既存機能の改善

長期的な機能強化  
に注力

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

## Infrastructure

## General

Enterprise

- Migration to Git
- Community and partners to review proposals
- Official builds for new platforms

## Data collectic

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

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

V 4.0

V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019

## Infrastructure

- Migration to Git
- Community an
- Official builds 1

## General

**Better workflow**

- Guidelines for template creators
- Versioning for templates

## Enterprise

Enterprise

## Data collectio

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

Enterprise

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## Ease of use

## User experience

- Test actions and media types from UI
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V 4.0

V 4.2

V 4.4

V 5.0

Zabbix 4.2

## 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

Enterprise

Enterprise

### Infrastructure

- Migration to Git
- Community and
- Official builds f

### Data collection

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ETA: March, 2019

## Infrastructure

- Migration to Git
- Community and
- Official builds for

## Data collection

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- Preprocessing f
- Out of the box :

## Ease of use

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

## User experience

**Extreme flexibility**

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

**Enterprise**

Enterprise

Enterprise

- Host and template level tags
- Plugin system for dashboard widgets
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V 4.0

V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019

## Infrastructure

- Migration to Git
- Community and
- Official builds fo

## Data collection

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

## Ease of use

- 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

## User experience

Enterprise

Enterprise

- Plugin system for dashboard widgets
- Timeout on item level

## Ease of use

- Test actions and media types from UI
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## User experience

V 4.0

V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019

## Infrastructure

- Migration to Git
- Community and
- Official builds fo

## General

## Plugins

- Webhooks for actions
- Webhooks on problem generation
- Ability to extend context and top level menus

## Enterprise

Enterprise

## Data collection

- Validation and th
- Discarding value
- Embedded langi
- Preprocessing fc
- Out of the box support of Prometheus agents

- New syntax for trigger expressions
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Enterprise

## Ease of use

- Test actions and media types from UI
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## User experience

V 4.0

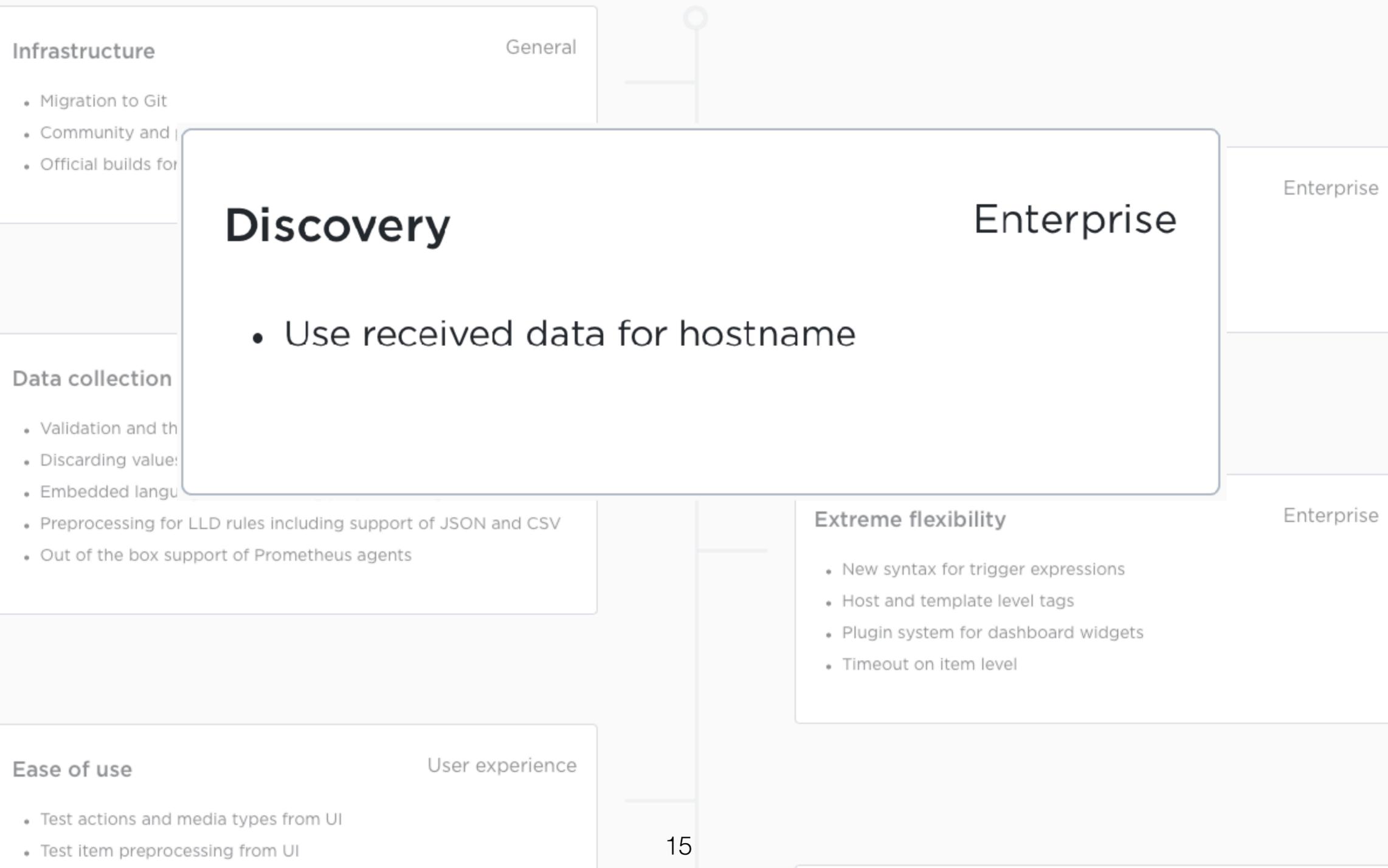
V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019



V 4.0

V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019

## Infrastructure

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

General

**Event processing**

- Host and proxy level dependencies

## Enterprise

Enterprise

## Data collection

- Validation and thi
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V 4.0

V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019

### Infrastructure

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

General

## Security and integrity

- API audit records for all operations

Enterprise

Enterprise

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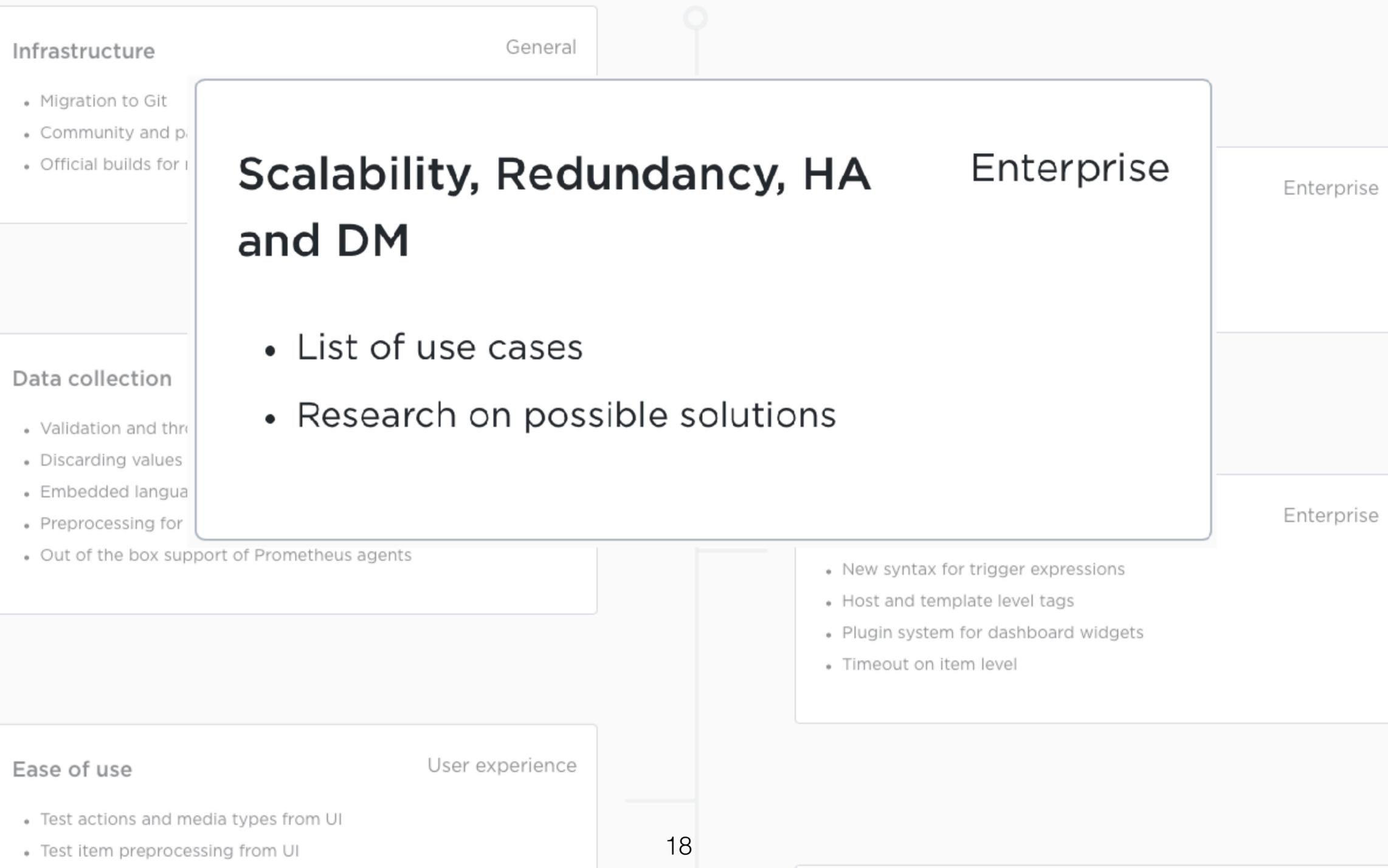
V 4.2

V 4.4

V 5.0

## Zabbix 4.2

ETA: March, 2019



# 開発中の 機能も公開中!

## Extreme flexibility

- New syntax for trigger expressions  
[ZBXNEXT-35](#), [3441](#), [3446](#) It would enable unlimited capabilities for problem detection and aggregation.
- [ZBXNEXT-4731](#) Host and template level tags  
In addition to trigger tags, host and template tags will be introduced. It will be much easier to manage and maintain tags!
- Plugin system for dashboard widgets  
Zabbix will provide a well-defined and documented framework for developing your own dashboard widgets.
- [ZBXNEXT-1096](#) Timeout on item level  
Global timeout will be replaced with per metric timeout settings.



# Zabbixの拡張性



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SOLUTIONS

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Retain total visibility  
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[Explore What's New](#)

**20 years**  
of experience

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true Open Source

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installations worldwide



Zabbix Conference Benelux 2019

### BY MONITORING TOPIC

Networks

Servers

Clouds

Virtual machines

Applications

Services

Databases

Web

Security

### BY INDUSTRY

Aerospace

Banking and Finance

Education

Energy and Chemicals

Government

Healthcare and Medicine

IT and Telecommunications

Marketing

Retail

### FOR ENTERPRISES

Scalability

Distributed Environments

High Performance

High Availability

Zero maintenance

Strong Security

Easy Integration



Case studies



Integrations

20 years

of experience

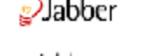
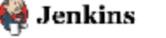
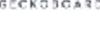
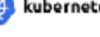
100%

Free and Open Source Software

300 000 +

installations worldwide

# 300 以上のインテグレーション

 .NET	 IC.Предприятие	 Active Directory	 ActiveMQ	 Alcatel-Lucent	 Cloudstack	 ClusterControl	 Confluence	 Cooling	 CoreOS	 HTTP	 HTTPS	 Huawei
 Alerta	 Android	 Ansible	 Antivirus	 Apache	 Couchbase	 cPanel	 D-Link	 Database monitoring	 Datacom	 IBM AIX	 IBM AS/400	 IBM MQ
 APC	 Appdynamics	 Application monitoring	 Arduino	 Arista	 DB2	 Debian	 Dell	 DNS	 Docker	 Ingress	 Intel	 InterSystems
 Aruba	 Asterisk	 Avaya	 AWS	 AWS CloudWatch	 Drupal	 Elasticsearch	 Eltex	 EMC	 Emerson	 IRC	 Jabber	 JasperReports
 AWS EC2	 AWS S3	 Backup	 Bacula	 Barracuda	 Exim	 Extreme Networks	 F5 Networks	 Facebook Messenger	 Fedora	 JBoss	 Jenkins	 Jira
 Bigpanda	 Blue Coat	 BMC Remedy	 BorgBackup	 Brocade	 firebird	 Firewalls	 Flowdock	 Fortinet	 FreeBSD	 Julia	 Juniper	 Kafka
 Buffalo	 Bugzilla	 C#	 Capacity planning	 Cassandra	 FreshDesk	 Fujitsu Siemens	 Galera cluster	 Geckoboard	 Git	 Kubernetes	 KVM	 Kyocera
 Centos	 Ceph	 Check Point	 Chef	 Chrome extension	 Glassfish	 GLPI	 Go	 Google Apps	 Google Cloud	 Lenovo	 Lexmark	 Lighttpd
 Cisco	 Citrix	 Cloud Foundry	 Cloud monitoring	 Cloudera	 Google Maps	 Grafana	 Graylog	 Hadoop	 HAProxy	 Logstash	 Lucidworks	 LXC
 Cloudstack	 ClusterControl	 Confluence	 Cooling	 CoreOS	 High Availability	 Hipchat	 Hitachi	 HP Enterprise	 HP-UX	 Mattermost	 Mellanox	 Memcached

# 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
<p>Template Server HP iLO SNMPv2</p> <p>Official template for HP servers with iLO controller. Please see template description and follow the documentation link for more info. Depends on:  <a href="https://share.zabbix.com/official-templates/template-modules-pack">https://share.zabbix.com/official-templates/template-modules-pack</a> Please download and import them first, unless you already have it in your Zabbix instal</p> <p>✓ Low Level Discovery (LLD) ✓ SNMP Agent</p> <p><a href="https://share.zabbix.com/template-server-hp-ilo-snmpv2">share.zabbix.com/template-server-hp-ilo-snmpv2</a></p>	<p>share.zabbix.com</p> <p>📄 91</p>	3.4	Template	2018-09-28 3 d	Official
<p>Template Net HP Enterprise Switch SNMPv2</p> <p>Official template for HP Enterprise Switch (Procurve and others). Please see Template Description and follow documentation link for more info. Depends on:  <a href="https://share.zabbix.com/official-templates/template-modules-pack">https://share.zabbix.com/official-templates/template-modules-pack</a> Please download and import them first.</p> <p>✓ Low Level Discovery (LLD) ✓ SNMP Agent</p> <p><a href="http://www.zabbix.com/documentation/3.4/manual/config/templates_out_of_the_box/network_devices">www.zabbix.com/documentation/3.4/manual/config/templates_out_of_the_box/network_devices</a>  <a href="https://share.zabbix.com/template-net-hp-enterprise-switch-snmpv2">share.zabbix.com/template-net-hp-enterprise-switch-snmpv2</a></p>	<p>share.zabbix.com</p> <p>📄 902 🗨 2</p>	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
<p><b>Template Server HP iLO SNMPv2</b></p> <p>Official template for HP servers with iLO controller. Please see template description and follow the documentation link for more info. Depends on: <a href="https://share.zabbix.com/official-templates/template-modules-pack">https://share.zabbix.com/official-templates/template-modules-pack</a> Please download and import them first, unless you already have it in your Zabbix instal</p> <p>✓ Low Level Discovery (LLD) ✓ SNMP Agent</p> <p><a href="https://share.zabbix.com/template-server-hp-ilo-snmpv2">share.zabbix.com/template-server-hp-ilo-snmpv2</a></p>	<p>share.zabbix.com</p> <p>📄 91</p>	3.4	Template	2018-09-28 3 d	Official

[share.zabbix.com/template-server-hp-ilo-snmpv2](https://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

[www.zabbix.com/documentation/3.4/manual/config/templates\\_out\\_of\\_the\\_box/network\\_devices](http://www.zabbix.com/documentation/3.4/manual/config/templates_out_of_the_box/network_devices)

[share.zabbix.com/template-net-hp-enterprise-switch-snmpv2](https://share.zabbix.com/template-net-hp-enterprise-switch-snmpv2)

share.zabbix.com 3.4 Template 2017-08-22 9 m Official

📄 902 🗨 2



# VictorOps

## Available solutions

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

# 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 <a href="https://docs.ansible.com/ansible/latest/modules/list_of_monitoring_modules.html#zabbix">docs.ansible.com/ansible/latest/modules/list_of_monitoring_modules.html#zabbix</a>			Python		Vendor
Installing and maintaining zabbix-agent for RedHat/Debian/Ubuntu. <a href="https://github.com/dj-wasabi/ansible-zabbix-agent">github.com/dj-wasabi/ansible-zabbix-agent</a>	GitHub ★ 167		Python	2014-11-01 7 d	Popular

コミュニティ、ベンダー、パートナー  
から全て公表されているソリューション  
がリスト上に管理！



# Zabbix Cloud

# Zabbix Cloud **beta**

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

Become a beta tester and get a free trial!

- クリックによりデプロイ

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

Become a beta tester and get a free trial!

- クリックによりデプロイ
- NOC, 24x7 オペレーション、**Zabbixサーバーの起動 / 利用が可能**



新しい認定

トレーニングコース

# 現在の認定トレーニングコース

## ZCS

認定スペシャリストコース

Medium

## ZCP

認定プロフェッショナルコース

High

# 新しいコース

## ZCU<sup>new</sup>

認定ユーザ

Low

## ZCS

認定スペシャリスト

Medium

## ZCP

認定プロフェッショナル

High

## ZCE<sup>new</sup>

認定エキスパート

Very high

難易度





世界中への広がりに

# 130以上+ のパートナー



オープンソースとして提供しつつも、  
企業として継続的な成長を**バランスよく**両立

フリーソフトウェア

フリーソフトウェア

サービス

時間とコストを削減するサービスを提供



導入企業は

75カ国以上

Fortune 500 企業の  
60社以上がZabbixを利用



# Zabbix オフィス拠点



ニューヨーク  
リガ  
東京

# Zabbix オフィス拠点



モスクワ!  
ニューヨーク  
リガ  
東京

中国



Grandage  
宏时数据

+

ZABBIX

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Thank you!

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