

Zabbix 8.0: More than a release

Alexei Vladishev, Founder and CEO of Zabbix

ZABBIX '26

CONFERENCE

POLAND

ZABBIX'26

CONFERENCE

POLAND

The DNA of Zabbix

What defines Zabbix?

Free and open-source software

Focus on quality and security

Universal solution

Affordable

All in one

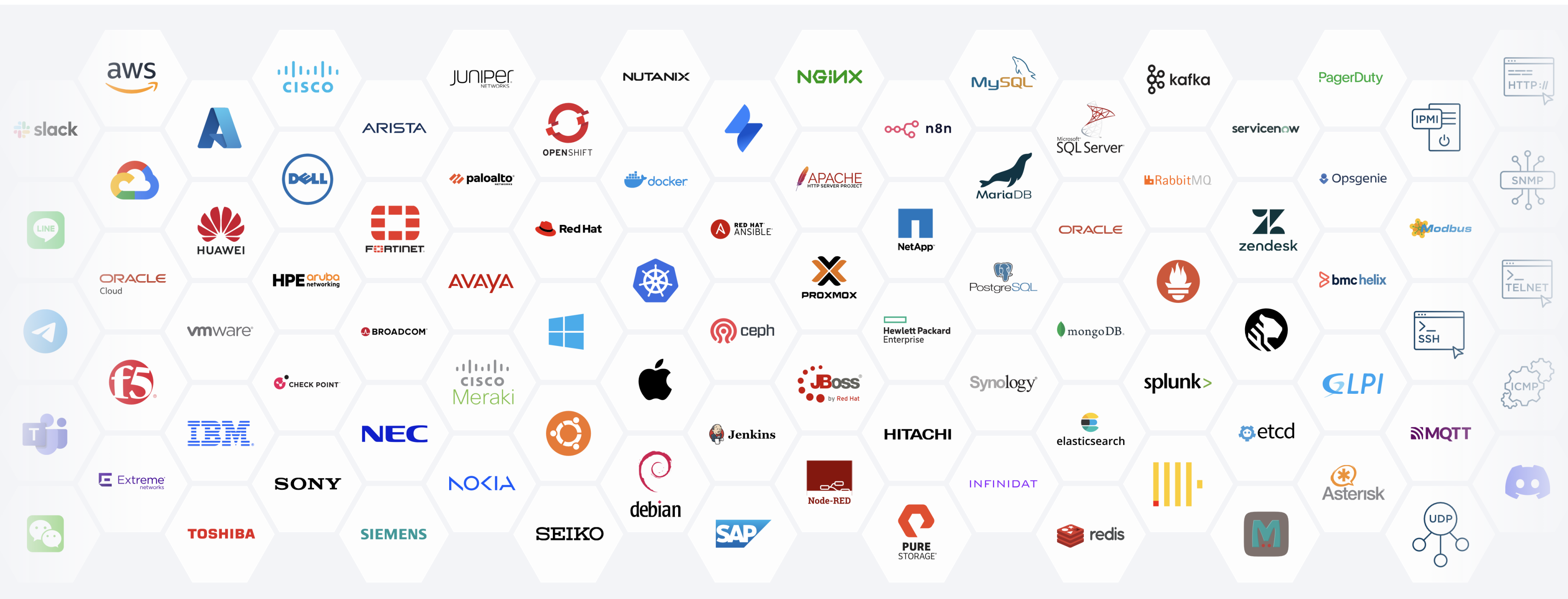
Zabbix 8.0 LTS

ZABBIX '26

CONFERENCE

POLAND

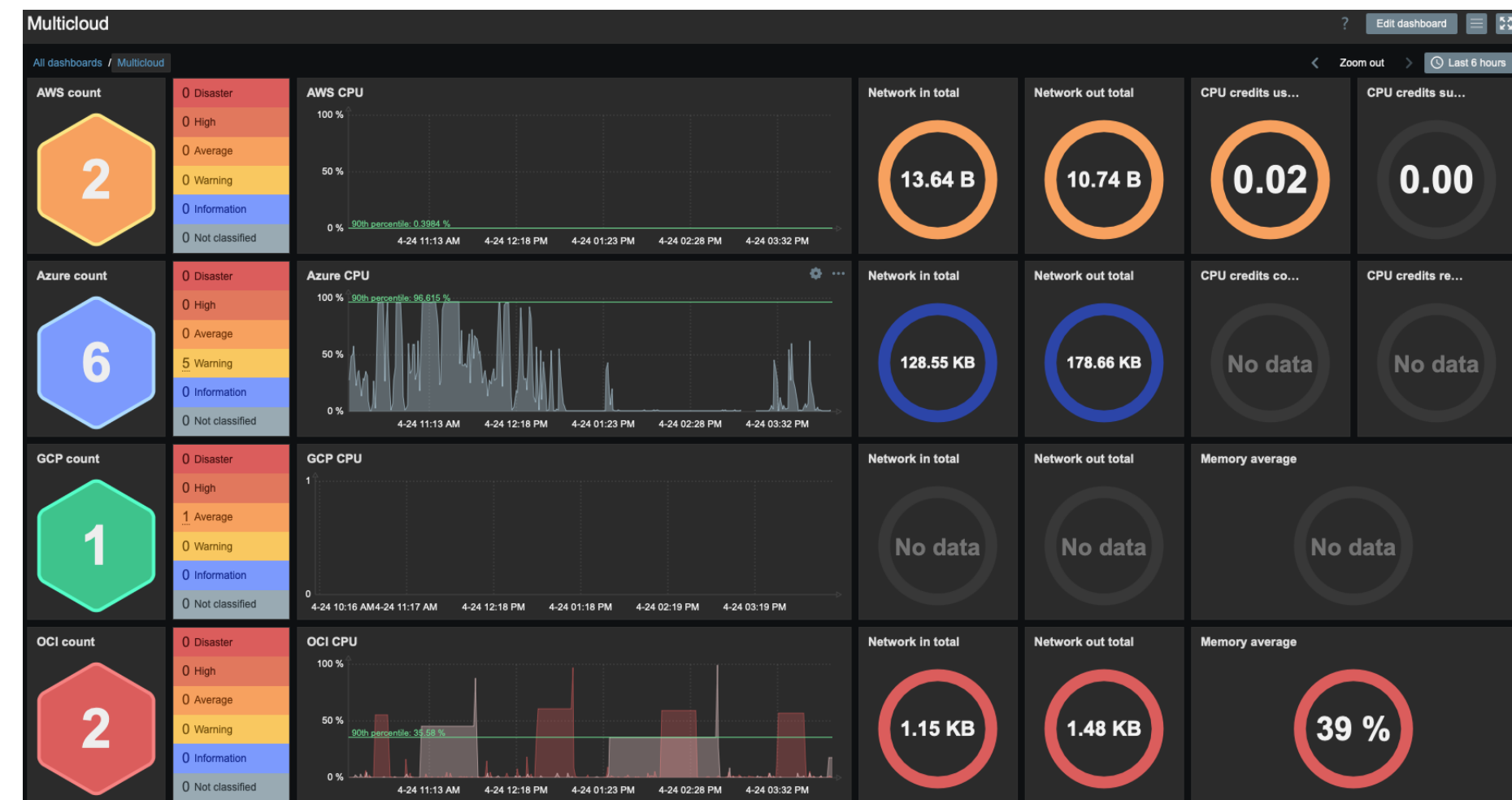
8.0 LTS: Growing number of out-of-the-box solutions



8.0 LTS: More out of the box capabilities

Extended public cloud monitoring

- Extended coverage of AWS, Azure, GCP and Oracle cloud: VMs, storage, load balancers, other services
- Multi-cloud solutions



8.0 LTS: More out of the box capabilities

Applications and services

- AI usage monitoring for OpenAI, Claude, Copilot
- New Hyper-V solution
- Enhanced Proxmox
- Network, security and Telcos:
 - Vyatta, Cradlepoint, Huawei, Aruba, Ciena, Stormshield, Ribbon SBC, VeloCloud SD-WAN
- MySQL, PostgreSQL, MariaDB, Percona
- Domain expiration monitoring via RDAP, and more ...



Zabbix 8.0 LTS

AI

CEP

APM

Scalability

AI

Enabling next-generation functionality

ZABBIX'26

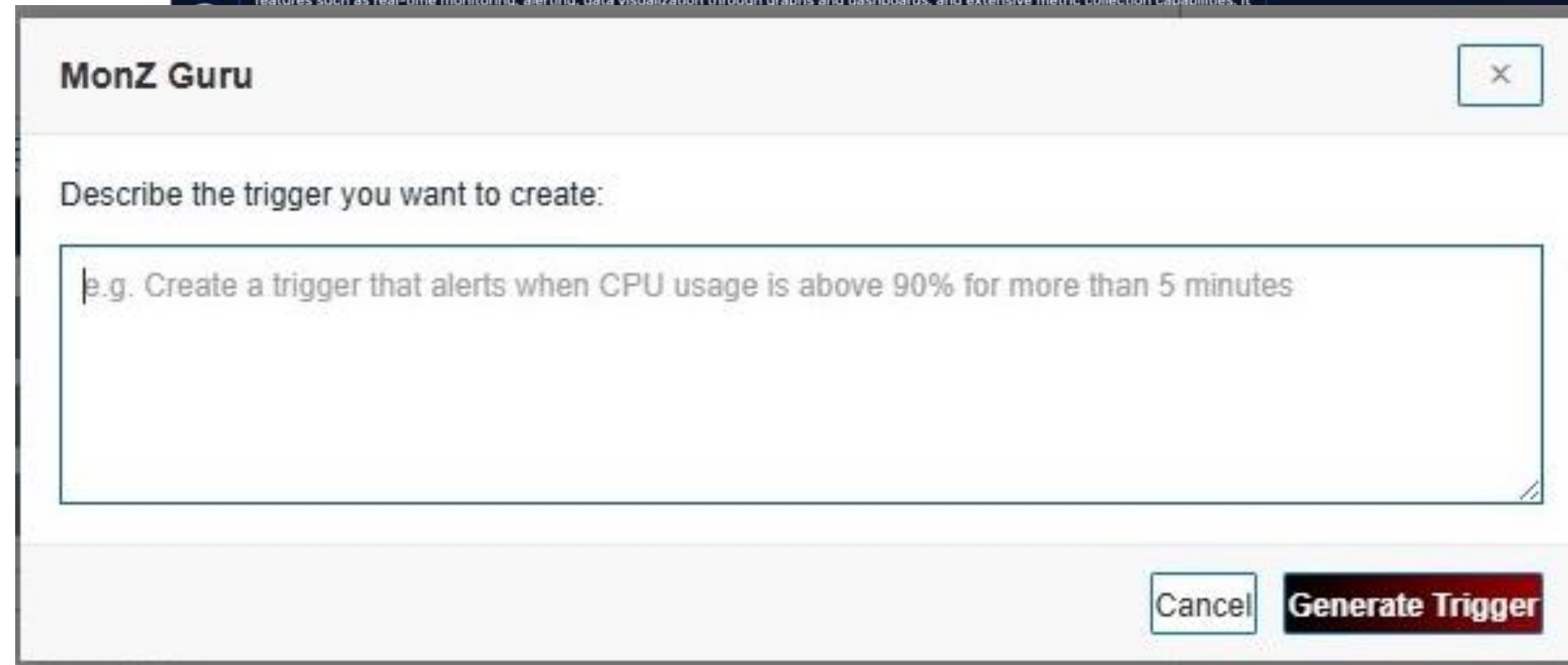
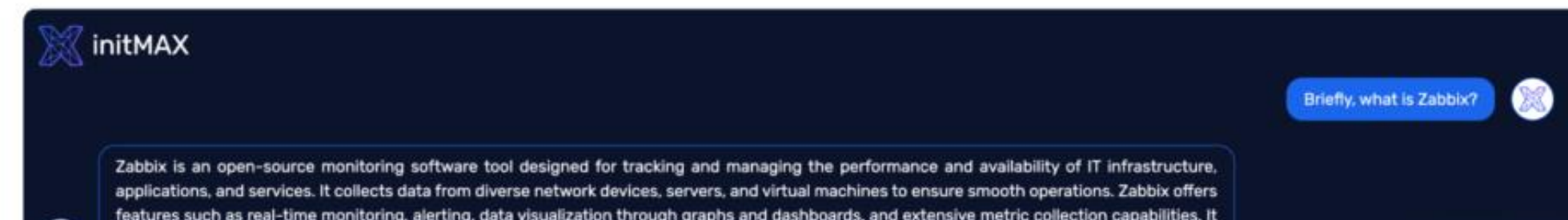
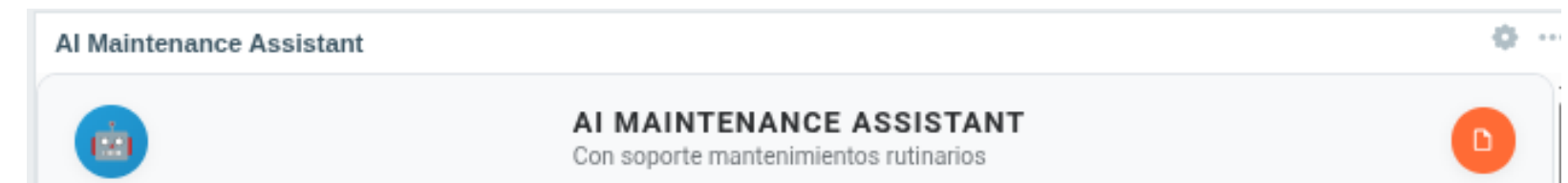
CONFERENCE

POLAND

8.0 LTS: Third party AI related tools

Example of what is already developed

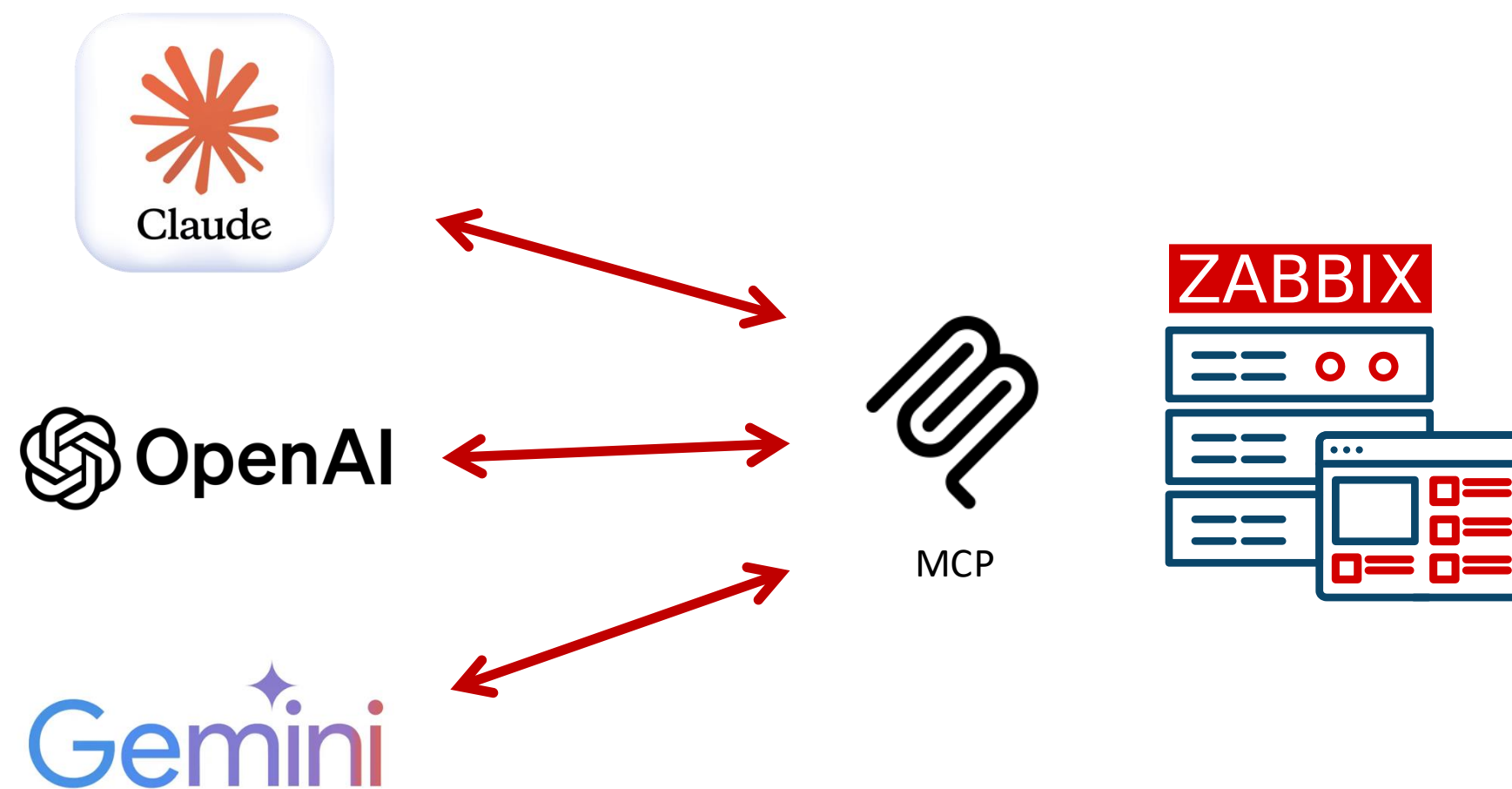
- AI maintenance assistant
- ChatGPT widget
- AI based trigger creation
- Chat widgets
- Trend predictions
- Many others



8.0 LTS: Zabbix MCP connector

MCP

- Connectivity from any MCP clients
- Automation tasks, reporting, configuration, anything that is provided by Zabbix API
- Enables various helpers in Zabbix



ZABBIX'26

CONFERENCE

POLAND

Complex Event Processing

Converting event streams into insights

8.0 LTS: Complex Event Processing (CEP)

Single event processing

- Filtering
- Normalization
- Tag and severity manipulation
- Suppressing and closing events
- Closing older events
- Anonymization

Multiple event processing

- Root cause and symptoms
- De-duplication
- Time-window based logic
- Complex pattern matching rules
- Complex correlation rules
- **JavaScript** logic
- Enables **SIEM**

8.0 LTS: Complex Event Processing (CEP)

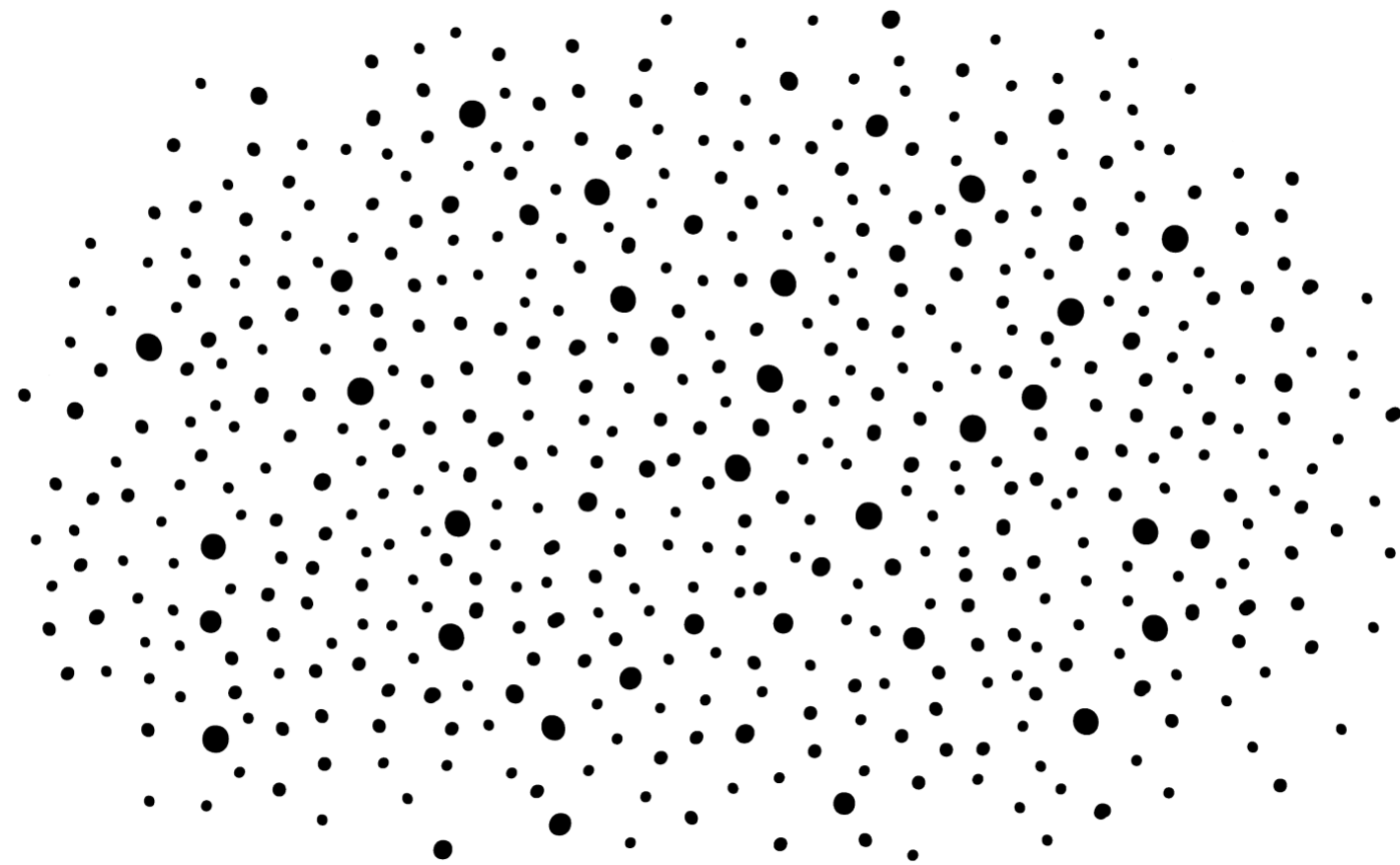
Advanced use cases

- **Execute action after activity period** (change severity, close older problems)
- **Event grouping** (aggregate events based on a defined rule (incl. flapping trigger de-duplication and counting) via multi-event stream (time window))
- **Event pattern detection** - when event pattern matched my criteria - create new event via multi-event stream (time window)

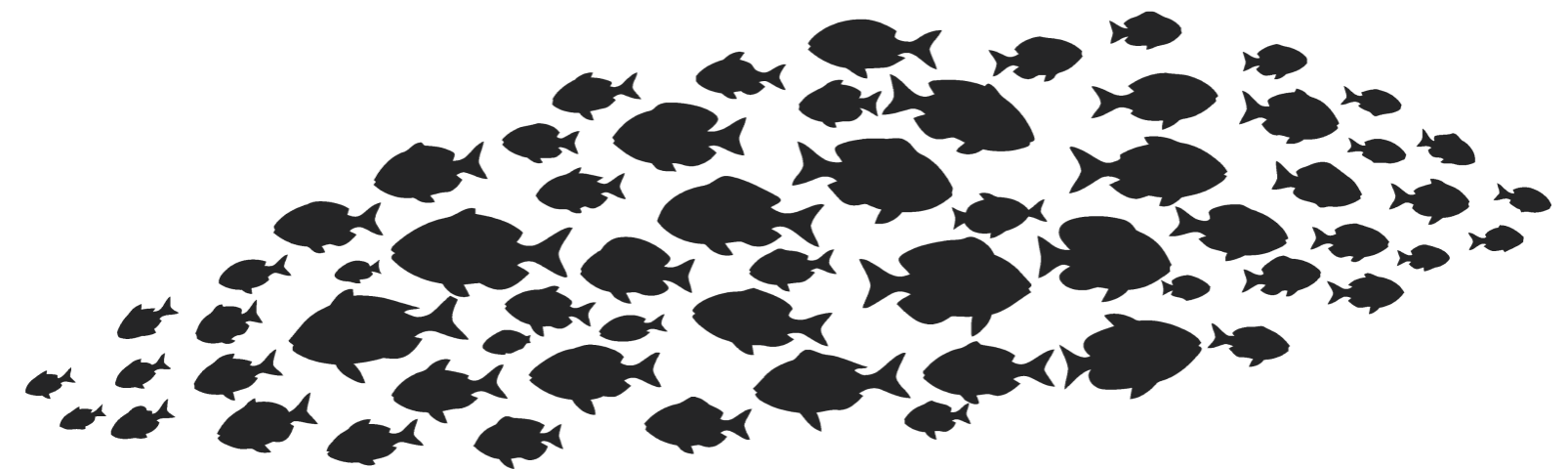
Total flexibility

- **Missing event detection** - raise alert when there is no specific event within time period via multi-event stream (time window)
- **JavaScript based logic** for event pattern match
 - Detecting complex patters: A -> B -> B-> C

8.0 LTS: Transition from Metrics to Structured Data



Name + Timestamp + Value



Timestamp + **Complex data structure**

8.0 LTS: New item type JSON

Removing limitations

- Support of **large JSON data** of up-to 128MB
- JSON supported on all levels: data collection, problem detection, alerting
- JSONPath for triggers, also JSONPath macro function
- New trigger string function contains()

Use cases for big JSON data

- Use calculated items on top of JSON
- **Complex Telemetry** data
- Integration with providers of complex structured data: configuration data, CMS systems, inventory, etc
- No master-> dependent data processing is needed in many cases, great!
- Enables complex discovery with nested LLD

8.0 LTS: Enables processing of structured streaming data

Open Telemetry

NetFlow/IPFIX

jFlow, sFlow, etc

MDT

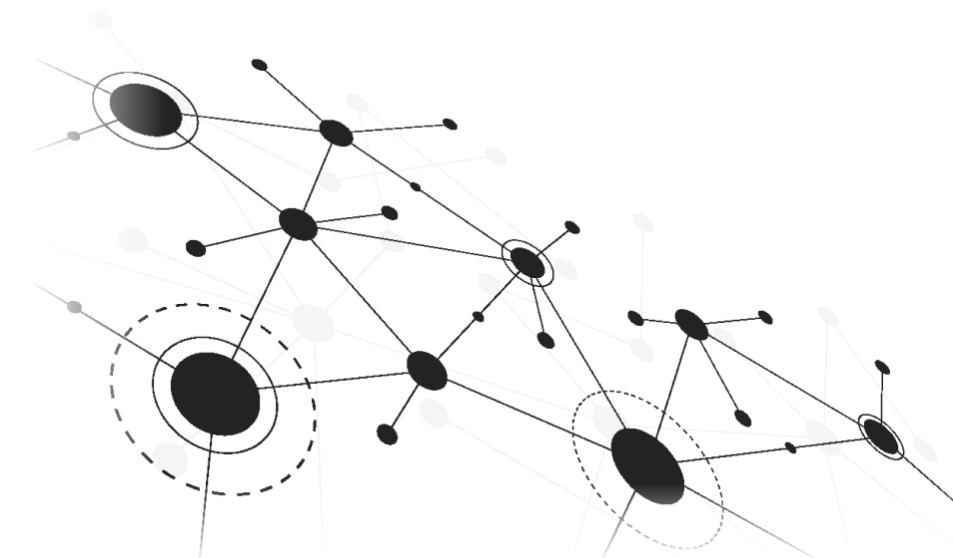
Logs/syslog

Kafka



Normalization to JSON

Any structured data



Visualization of traces, network traffic, logs

Direct access to data and aggregates for triggers

APM

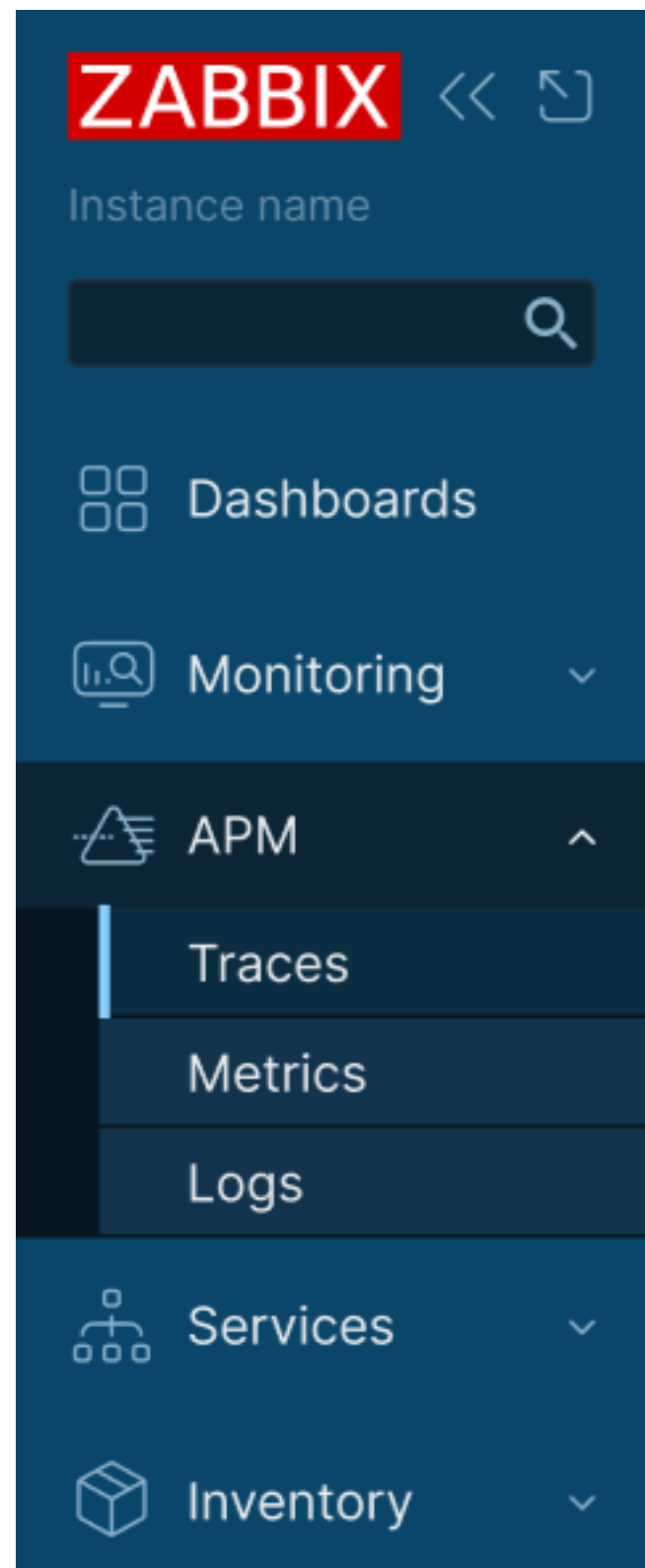
Taking advantage of all data: metrics, logs, traces

ZABBIX'26

CONFERENCE

POLAND

APM



ZABBIX << >>

Instance name

Search

- Dashboards
- Monitoring
- APM
- Traces**
- Metrics
- Logs
- Services
- Inventory
- Reports
- Data collection
- Alerts
- Users
- Administration
- Support
- Integrations
- Help
- User settings
- Sign out

Traces

Filter Zoom out Previous week

Service name	Operation name	Start time	Attributes	Duration
Theta Sync 18	Load Balancing Service	2025-04-09 02:05:00 PM	target: randomTagC ...	1h
Aero Fetch 5 2	/api/orders	2025-04-09 02:15:00 PM	class: operatingSystem ...	1s
Aero Fetch 5 2	/api/orders	2025-04-09 02:15:00 PM	class: operatingSystem ...	1s
Zeta Connect 8	Subscription Management Service	2025-04-09 02:12:00 PM	target: randomTagA ...	24h
Noz Link 12	Backup Service	2025-04-09 02:08:00 PM	target: randomTagB ...	60s
Noz Link 12	Backup Service	2025-04-09 02:08:00 PM	target: randomTagB ...	60s
Theta Sync 18	Load Balancing Service	2025-04-09 02:05:00 PM	target: randomTagC ...	1h
Mu Network 66	Inventory Management Service	2025-04-09 02:00:00 PM	class: operatingSystem ...	30s
Zeta Connect 8	Subscription Management Service	2025-04-09 02:12:00 PM	target: randomTagA ...	24h
Mu Network 66	Inventory Management Service	2025-04-09 02:00:00 PM	class: operatingSystem ...	30s
Beta Stream 12 4	Payment Gateway Service	2025-04-09 01:58:00 PM	db: redisDB ...	34.34ms
Theta Gateway 8	Notification Service	2025-04-09 01:48:00 PM	db: mongoDB2 ...	6h
Beta Stream 12 4	Payment Gateway Service	2025-04-09 01:58:00 PM	db: redisDB ...	34.34ms
Epsilon Connect 24	Reporting Service	2025-04-09 01:55:00 PM	db: postgresDB ...	1.3s
Epsilon Connect 24	Reporting Service	2025-04-09 01:55:00 PM	db: postgresDB ...	1.3s
Theta Relay 12	Analytics Service	2025-04-09 01:52:00 PM	messaging: eventQueue ...	30s
Delta Bridge 3	User Management Service	2025-04-09 01:50:00 PM	search: mainSearchEngine ...	1.4s
Delta Bridge 3	User Management Service	2025-04-09 01:50:00 PM	search: mainSearchEngine ...	1.4s
Theta Gateway 8	Notification Service	2025-04-09 01:48:00 PM	db: mongoDB2 ...	6h
Kappa Connect 25	Authentication Service	2025-04-09 01:42:00 PM	gateway: apiGateway ...	1h
Kappa Connect 25	Authentication Service	2025-04-09 01:42:00 PM	gateway: apiGateway ...	1h
Eta Link 96	API Gateway Service	2025-04-09 01:45:00 PM	gateway: apiGateway ...	12h
Theta Relay 12	Analytics Service	2025-04-09 01:52:00 PM	messaging: eventQueue ...	30s
Alpha Hub 64 5	Data Processing Service	2025-04-09 01:40:00 PM	storage: remoteStorage ...	60s
Alpha Hub 64 5	Data Processing Service	2025-04-09 01:40:00 PM	storage: remoteStorage ...	60s
Theta Portal 22	Content Delivery Service	2025-04-09 01:35:00 PM	queue: eventQueue ...	30s
Theta Portal 22	Content Delivery Service	2025-04-09 01:35:00 PM	queue: eventQueue ...	30s
Eta Link 96	API Gateway Service	2025-04-09 01:45:00 PM	gateway: apiGateway ...	12h
Treta Link 12	User Management Service	2025-04-09 01:30:00 PM	db: mongoDB3 ...	32s

1 2 3 4 5 6 7 ▶ Last Displaying 15 of 100 found

Trace ID: 73d3b80845746 [Logs](#) [Metrics](#)

0ms 99.5ms 199.0ms 298.5ms 398.0ms 497.5ms 597.0ms 696.5ms 796.0ms 895.5ms 995.0ms

Span tree

- HTTP GET: /api/orders 25
 - http.server.request 398.0ms
 - Authentication middleware 16
 - auth.middleware.verify 470.0ms
 - Support operation
 - validation.request.check 490.0ms
 - Order service /get orders 3
 - order.service.getOrders 700.0ms
 - SELECT operation 2
 - http.response.serialize 278.0ms
 - SELECT operation
 - http.response.serialize 250.0ms
 - SELECT operation
 - http.response.serialize 440.0ms
 - Cache lookup 1
 - http.response.serialize 650.0ms
 - Response serialisation 1
 - data.processor.transform 898.0ms
 - Response serialisation 4
 - data.processor.transform 680.0ms
 - Pre.confirmation
 - validation.request 650.0ms
 - Final validation
 - validation.request.check 650.0ms

- Instance name
- Dashboards
- Monitoring
- APM
 - Traces
 - Metrics
 - Logs

- Services
- Inventory
- Reports
- Data collection
- Alerts
- Users
- Administration

- Support
- Integrations
- Help
- User settings
- Sign out

Filter Zoom out Previous week

Timestamp	Body	Severity text	Severity number
2025-04-09 02:05:00 PM	Load Balancing Service	DEBUG	5
2025-04-09 02:15:00 PM	/api/orders	TRACE	1
2025-04-09 02:15:00 PM	/api/orders	FATAL	21
2025-04-09 02:12:00 PM	Subscription Management Service	INFO	9
2025-04-09 02:08:00 PM	192.168.2.133 inactive - - - Something happened in the system log.file.path = "/var/log/app...	DEBUG	8
2025-04-09 02:08:00 PM	Backup Service	ERROR	20
2025-04-09 02:05:00 PM	Load Balancing Service	WARN	13
2025-04-09 02:00:00 PM	Inventory Management Service	TRACE	2
2025-04-09 02:12:00 PM	Subscription Management Service	WARN	13
2025-04-09 02:00:00 PM	Inventory Management Service	ERROR	17
2025-04-09 01:58:00 PM	Payment Gateway Service	TRACE	4
2025-04-09 01:48:00 PM	Notification Service	FATAL	23
2025-04-09 01:58:00 PM	Payment Gateway Service	TRACE	3
2025-04-09 01:55:00 PM	Reporting Service	ERROR	20
2025-04-09 01:55:00 PM	Reporting Service	DEBUG	5
2025-04-09 01:52:00 PM	Analytics Service	TRACE	3
2025-04-09 01:50:00 PM	192.168.2.133 inactive - - - Something happened in the system that requires .path = "/var/l...	FATAL	21
2025-04-09 01:50:00 PM	User Management Service	WARN	15
2025-04-09 01:48:00 PM	Notification Service	DEBUG	6
2025-04-09 01:42:00 PM	Authentication Service	ERROR	17
2025-04-09 01:42:00 PM	Authentication Service	TRACE	4
2025-04-09 01:45:00 PM	API Gateway Service	DEBUG	5
2025-04-09 01:52:00 PM	Analytics Service	FATAL	22
2025-04-09 01:40:00 PM	192.168.2.133 inactive - - - Something happened in the system that requires immediate att...	WARN	14
2025-04-09 01:40:00 PM	Data Processing Service	ERROR	18
2025-04-09 01:35:00 PM	Content Delivery Service	DEBUG	5
2025-04-09 01:35:00 PM	192.168.2.133 inactive - - - Something happened in the system that requires log.file.path =...	TRACE	4
2025-04-09 01:45:00 PM	192.168.2.133 inactive - - - Something happened in the system that requires immediate att...	WARN	16
2025-04-09 01:45:00 PM	Treta Link 12	DEBUG	5

Displaying 30 of 500 found

Log details

Basic information

TraceID = 73d3b8084574687568768769769 [Traces Metrics](#)
 SpanID = 504276136108490 [Traces Metrics](#)
 Tags: class: os, env: prod
 Flags: 0
 Log attributes
 log.record.original = "77 <86>1 2015-08-06T21:58:59.694Z
 192.168.2.133 inactive - - - Something happened in the system
 that requires immediate attention from the operations team"
 log.record.uid = "01ARZ3NDEKTSV4RRFFQ69G5FAV"
 log.iostream = "stdout"
 log.file.name = "application-09-04-2025.log"
 log.file.path = "/var/log/applications/microservices/INFO/
 application-09-04-2025.log"
 log.severity = INFO
 log.body = "/api/orders"
 log.timestamp = "09.04.2025 15:04:39.123"
 log.trace_id = "73d3b8084574687568768769769"
 log.span_id = "328349031776792"
 log.trace_flags = "01"
 log.instrumentation_scope.name = "io.opentelemetry.logs"
 log.instrumentation_scope.version = "1.20.0"

Resource attributes

Schema URL = https://opentelemetry.io/schemas/1.21.0
 service.name = "-api-orders-service"
 service.version = "3.0.8"
 service.namespace = "production"
 service.instance.id = "okwp0ra7kn"
 deployment.environment = "production"
 host.name = "srv-59.prod.example.com"
 host.id = "a75e14vzgu"
 host.type = "m5.2xlarge"
 host.arch = "amd64"
 host.image.name = "ubuntu-20.04-lts-server"
 host.image.id = "ami-vplhrx3tbx"
 cloud.provider = "aws"
 cloud.region = "us-east-1"

Scope

Schema URL = https://opentelemetry.io/schemas/1.21.0
 service.name = "-api-orders-service"
 service.version = "3.0.8"
 service.namespace = "production"
 service.instance.id = "okwp0ra7kn"
 deployment.environment = "production"
 host.name = "srv-59.prod.example.com"
 host.id = "a75e14vzgu"
 host.type = "m5.2xlarge"
 host.arch = "amd64"
 host.image.name = "ubuntu-20.04-lts-server"
 host.image.id = "ami-vplhrx3tbx"

Cloud native scalability

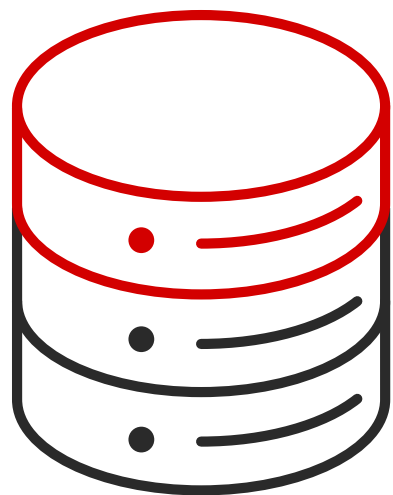
Processing millions of metrics, log entries and traces per second

ZABBIX'26

CONFERENCE

POLAND

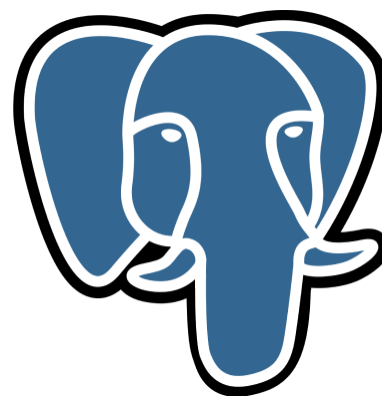
8.0 LTS: Storing data at scale



JSON



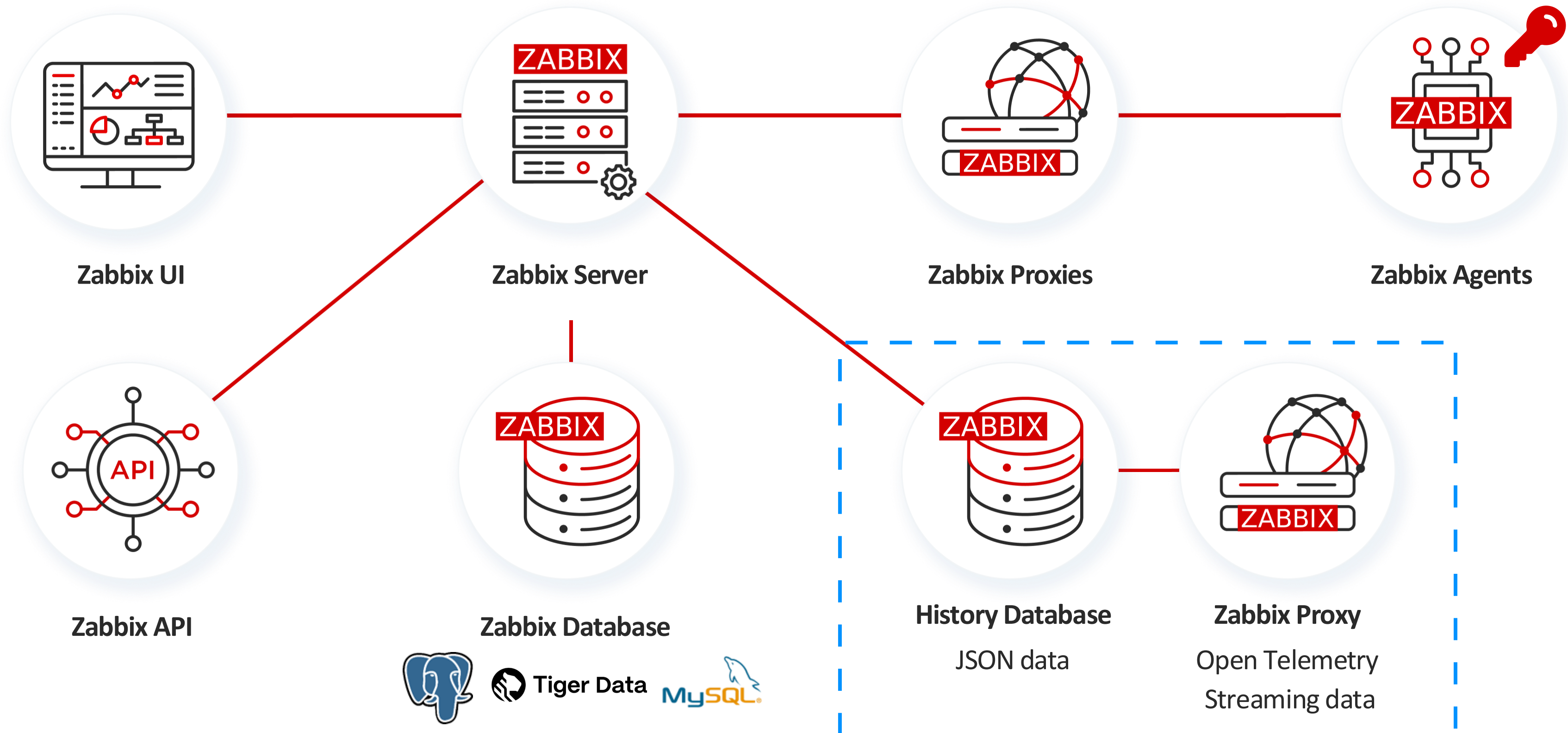
Small and Mid size



Large



8.0 LTS: Cloud native scalability



8.0 LTS: Less memory, faster operations

Async and parallel data processing

- Faster history syncer and pre-processor
- Connection pool for multi-threaded processes that require DB access

Faster housekeeper and UI operations

- Faster removal of older data
- Eliminated some lock situations in case if housekeeper is running and heavy API calls are happening at the same time.

No locks for IDS table anymore.

8.0 LTS: Changelog improvements

No entries in changelog when trigger fires

- Faster trigger processing
- No extra load for the database

```
mysql> SELECT object, COUNT(*)  
-> FROM changelog  
-> GROUP BY object  
-> ORDER BY COUNT(*) DESC;
```

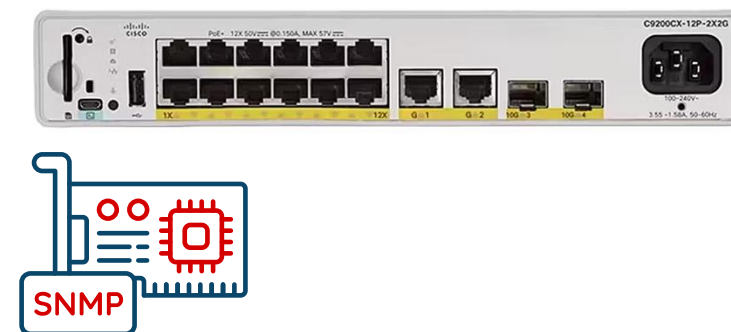
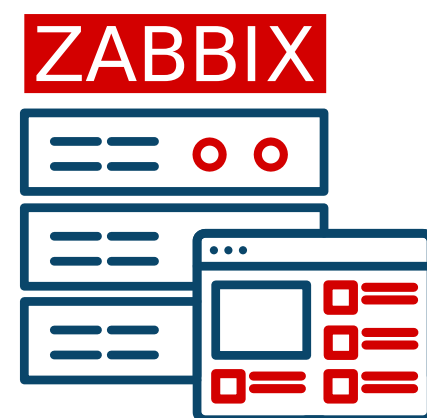
object	COUNT(*)
5	250350819
4	32497
3	22412
7	20615
8	16505
6	5974
2	2444
1	730
21	582

```
9 rows in set (6 min 55.15 sec)
```

8.0 LTS: Much faster SNMPv3 data collection

Cache EngineID data

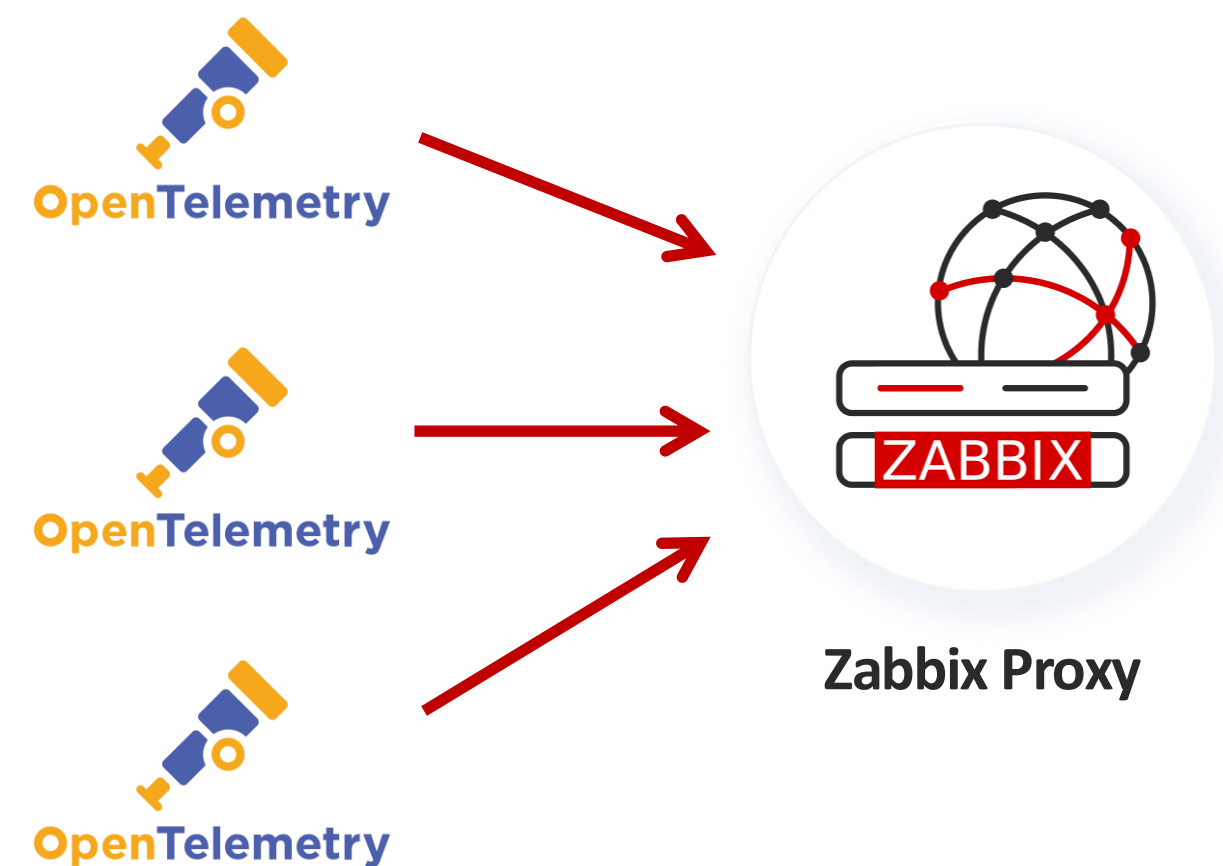
- Faster data collection
- Less network traffic
- Better latency



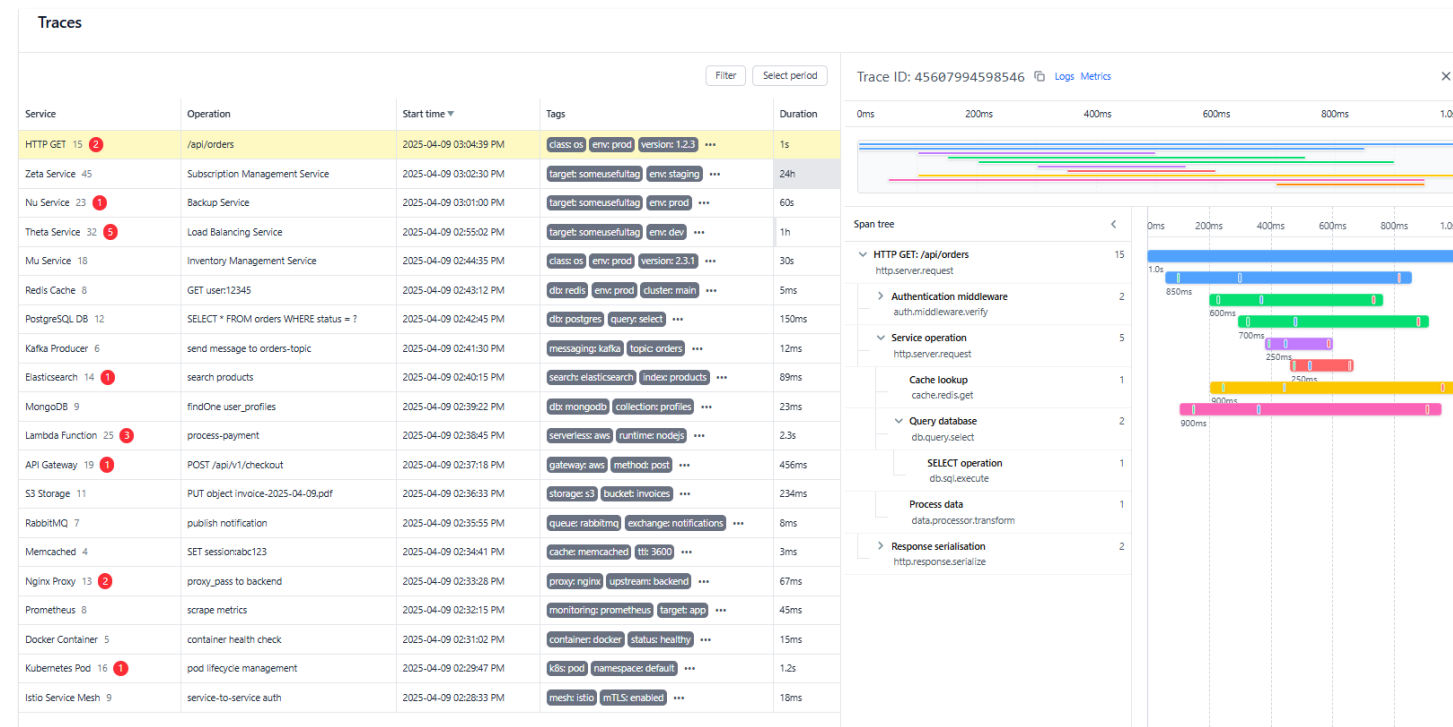
8.0 LTS: Proxies to collect streaming data

Streaming data collection

- Fast path into DB without Zabbix Server communication
- OpenTelemetry in Zabbix 8.0 LTS
- Next candidates:
 - gRPC, UDP, etc
 - NetFlow, MDT, etc



Visualization and Problem Detection

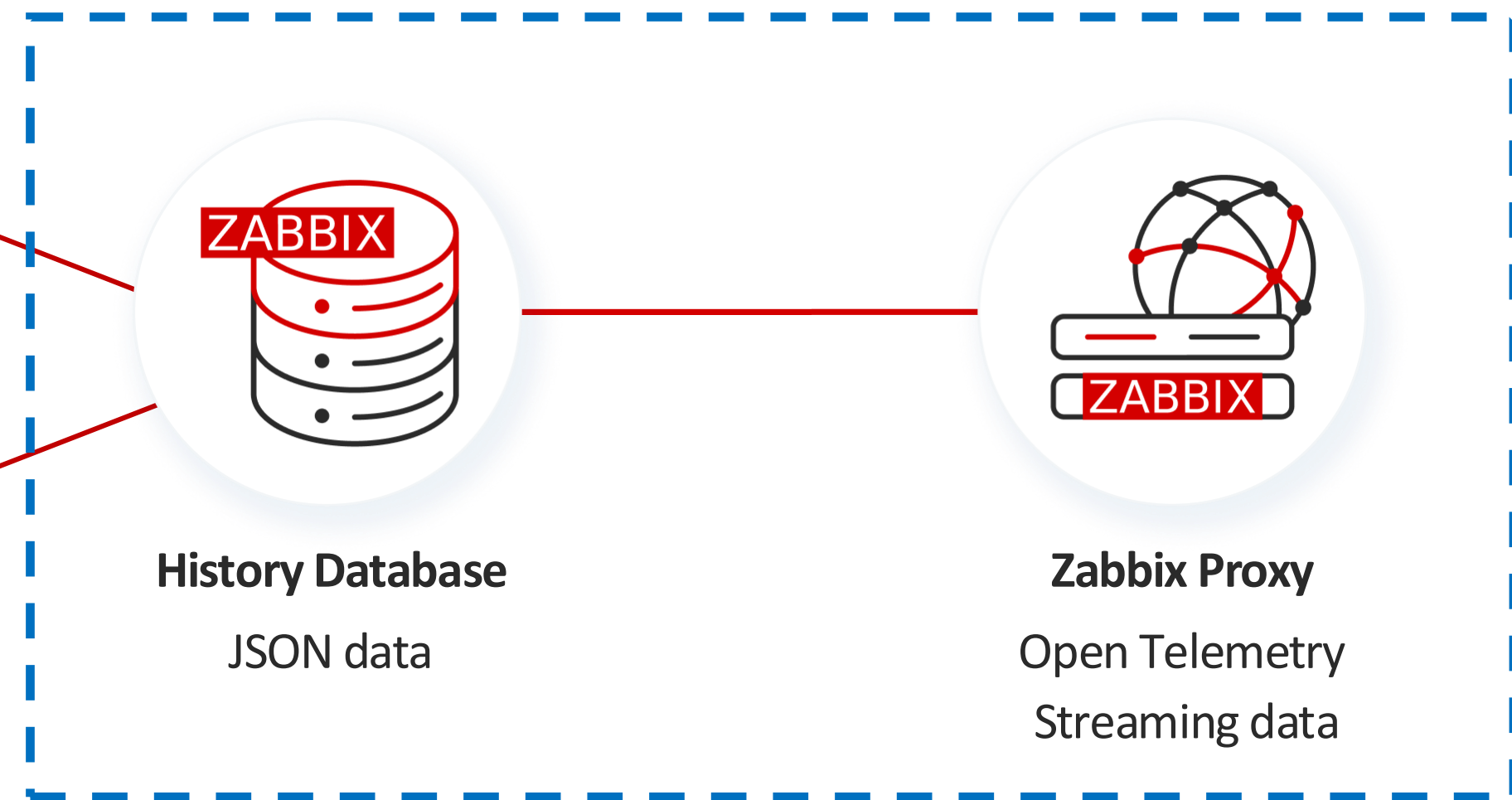


Visualization



Zabbix Server

Item type: Telemetry query



History Database

JSON data

Zabbix Proxy

Open Telemetry

Streaming data

ZABBIX'26

CONFERENCE

POLAND

Enhanced user experience

Refined interface for easier use

8.0 LTS: Better and easier to use UI

- Accessibility improvements
- Refreshed look and feel
- More widgets!

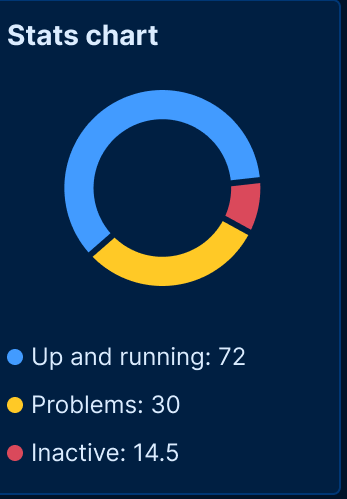
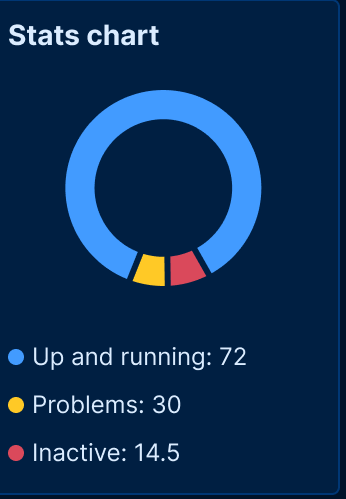
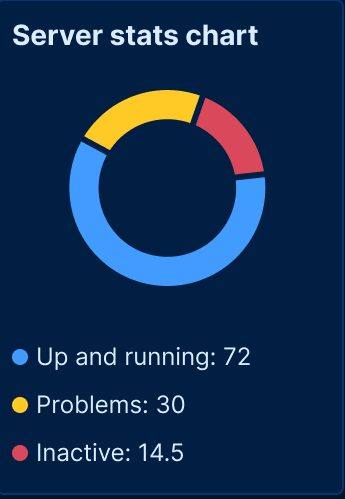
The screenshot displays the Zabbix System status dashboard with the following components:

- System status dashboard:** Header with search, navigation, and time/date (2026-10-10 07:43:19 - 2026-10-10 15:43:26).
- Top hosts by CPU utilization:** Table showing utilization for Station server, Zabbix_server, dataS435, Dop34Deto, and Boil934d.
- Server stats chart:** Three donut charts showing system status: Up and running (72), Problems (30), and Inactive (14.5).
- Host availability:** Summary bar showing 1 Available, 1 Not available, 0 Mixed, 20 Unknown, and 22 Total.
- Performance comparison:** Bar chart showing performance metrics over time.
- Zabbix server: Available memory:** Grid of hexagonal gauges for various services like ALGORITHMHOST (95%), BACKUPSERVER (95%), CLOUDMASTER (95%), DATANODE (2%), ENCRYPTBOX (95%), FIREWALLGUARD (95%), GATEWAYNODE (55%), HASHMACHINE (95%), IPADDRESSER (55%), JAVAENGINE (95%), LOADBALANCER (95%), MEMORYOPT (95%), NETWORKHUB (2%), OPCODESERVER (2%), and PACKETSNFFER (55%).
- Zabbix server: Available memory:** Gauge showing 85.74% available memory.
- Zabbix server: Available memory (table):** Table with columns: Time, Problem Severity, Duration, Update, Actions, Tags. Includes entries like 'SSL cert expiring soon', 'Firewall rules changed', 'Queue depth > 1000', 'Log file size > 1GB', 'Docker container stopped', 'Nginx process down', 'SSH connection timeout', and 'Memory usage critical'.
- System information:** Table with columns: Parameter, Value, Details. Includes entries like Theta Sync (Yes), Aero Fetch (100), Noz Link (5.66), Theta Sync (74425.4242), and Mu Network (1.55).
- Performance comparison (line chart):** Line chart showing performance trends over time.
- EastServer1: DataT:** Gauge showing 273.65Mbps.
- Values per minute:** Gauge showing 52.03.

- Dashboards
- Monitoring
- APM
- Services
- Inventory
- Reports
- Data collection
- Alerts
- Users
- Administration

Top hosts by CPU utilization

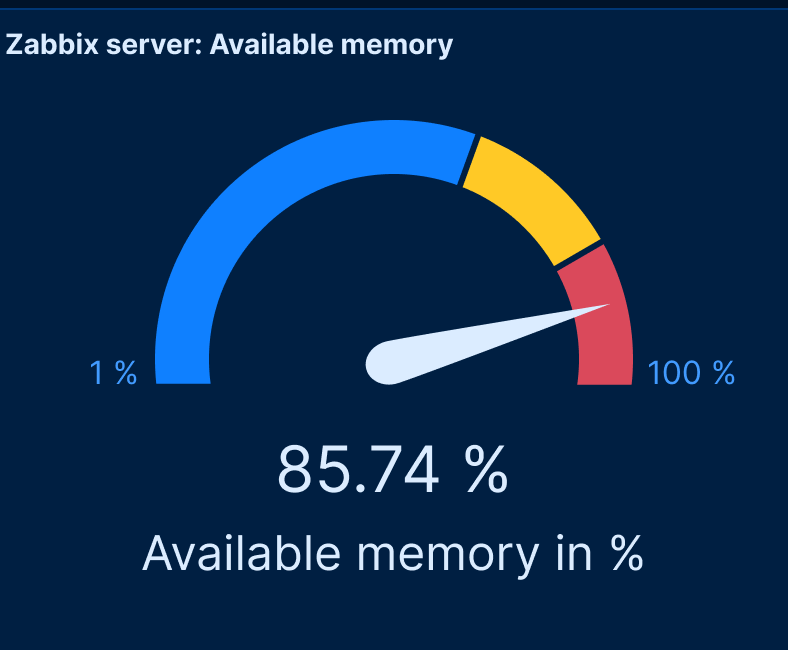
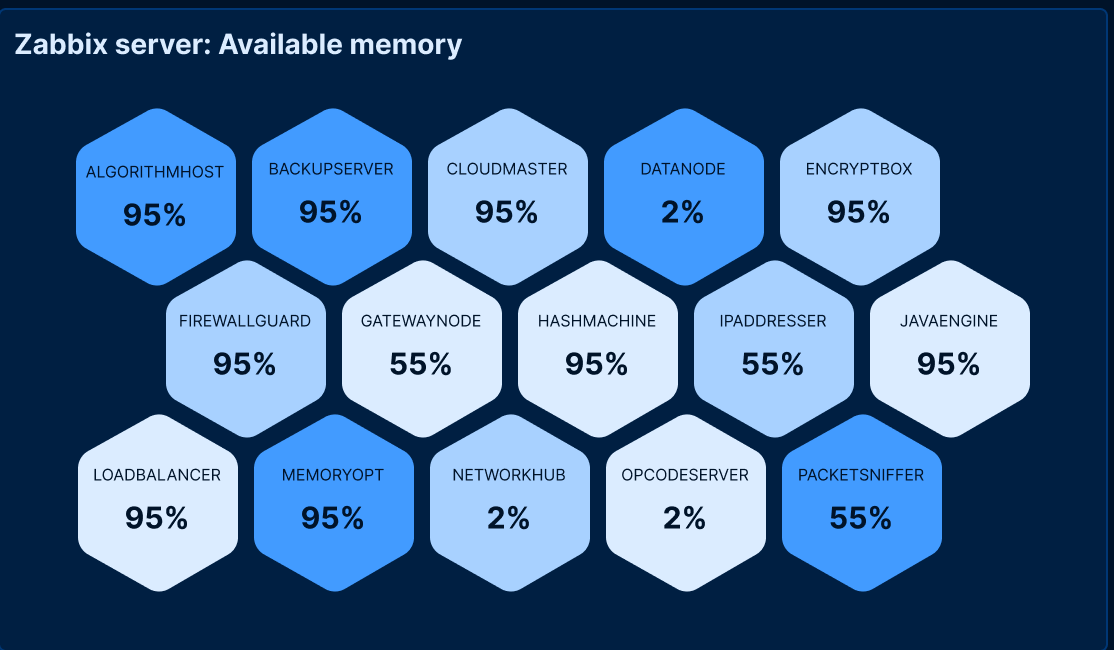
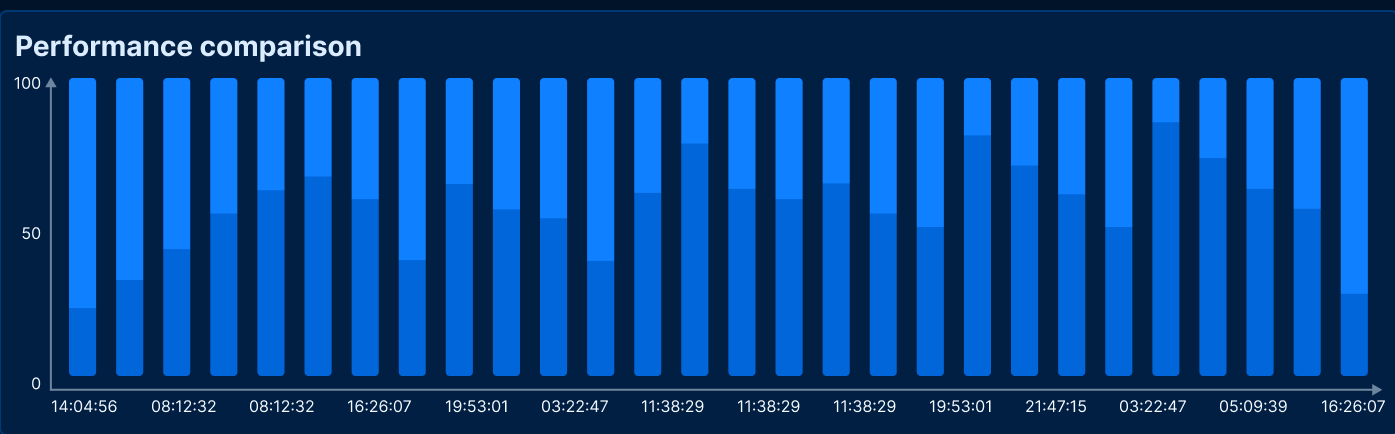
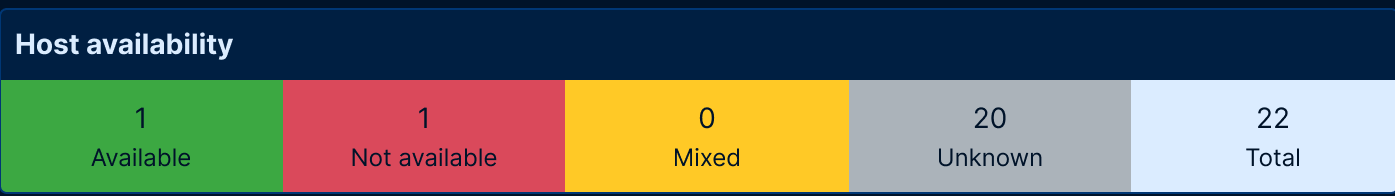
Host name	Utilization	1m avg	5m avg	15m avg	Processes
Station server		0.90	1.57	1.89	518
Zabbix server		0.76	1.31	1.78	518
dataS435		0.75		0.58	0.84
Dop34Deto		0.42	0.89	0.53	0.67
Boil934d		0.31	0.28	0.94	



2026-07-26

12:03:05

Riga

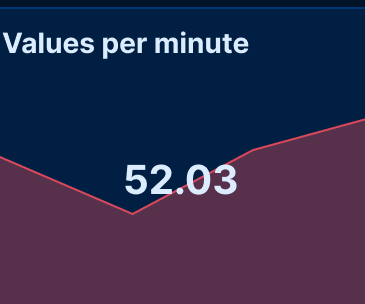
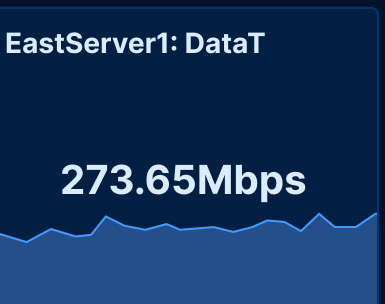
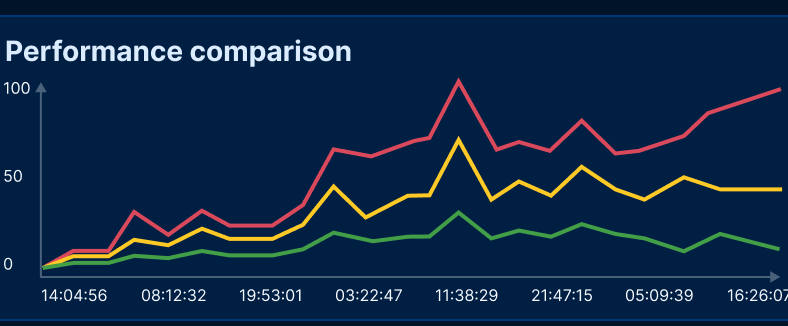


Zabbix server: Available memory

Time	Problem Severity	Duration	Update	Actions	Tags
2025-01-14 08:00:00 AM	SSL cert expiring soon	1M 2d 21h	Update		class: specialTagB ta...
2025-12-25 10:10:10 AM	Firewall rules changed	1M 2d 21h	Update	3	target: usefulTagQ
2025-03-17 06:45:15 PM	Queue depth > 1000	1M 2d 21h	Update		class: uniqueTagC ta...
2025-08-15 02:50:30 PM	Log file size > 1GB	1M 2d 21h	Update	✓	target: usefulTagZ
2025-02-28 05:30:30 PM	Docker container stopped	1M 2d 21h	Update		target: usefulTagX
2025-06-23 11:45:10 AM	Nginx process down	1M 2d 21h	Update		target: usefulTagR
2025-10-05 03:20:45 PM	SSH connection timeout	1M 2d 21h	Update		target: usefulTagS
2025-05-12 04:15:22 PM	Memory usage critical	1M 2d 21h	Update		class: uniqueTagA ta...

System information

Parameter	Value	Details
Theta Sync	Yes	34/56
Aero Fetch	100	334234:455
Aero Fetch	600	4000:90
Noz Link	5220	2321:565
Noz Link	5.66	564/545
Theta Sync	74425.4242	zserver
Mu Network	1.55	234/455



- Support
- Integrations
- Help
- User settings
- Sign out

<
⌵
>
< Zoom out >
🕒 Previous week

Dashboards

Monitoring

APM

Services

Inventory

Reports

Data collection

Alerts

Users

Administration

Support

Integrations

Help

User settings

Sign out

<input type="checkbox"/>	Time ▼	Severity ▼	Recovery time	Status	Info	Host ▼	Problem ▼	Duration	Update	Actions	Tags	Tags duplicate	⌵
<input type="checkbox"/>	2025-07-15 11:45:22 AM	Not classified	11:59:58 PM	PROBLEM		ServerAlpha-9X	Nginx process down	2M 3d 18h	Update		class: mainOS target: innovativeTagBeta		
<input type="checkbox"/>	2025-11-01 08:25:18 PM	Not classified		RESOLVED		MonitorSite-Prime	Queue depth > 1000	6M 1d 19h	Update	3	target: essentialTagZeta		
<input type="checkbox"/>	2025-08-19 10:15:30 AM	Not classified	06:11:45 AM	RESOLVED		ABTest-Experiment02	Apache 503 errors	10M 1d 13h	Update		target: pivotalTagEta		
<input type="checkbox"/>	2025-12-25 01:00:00 PM	Information		PROBLEM		MonitorSite-Alpha	MySQL connection refused	11M 2d 12h	Update		target: usefulTagEpsilon		
<input type="checkbox"/>	2025-05-11 06:45:55 AM	Information		RESOLVED	🔗	MonitorSite-Beta	Firewall rules changed	7M 3d 17h	Update	🔗	class: supportOS target: keyTagTheta		
<input type="checkbox"/>	2025-09-12 12:05:47 PM	Information	12:14:59 AM	RESOLVED		MonitorSite-Gamma	Interface eth0 down	12M 3d 11h	Update		target: vitalTagIota		
<input type="checkbox"/>	2025-01-30 09:15:10 PM	Information		PROBLEM		DataStream-2023	Nginx process down	4M 1d 15h	Update	✓	target: significantTagKappa		
<input type="checkbox"/>	2025-04-30 05:30:12 PM	Information	01:02:24 PM	PROBLEM	🔗	InfoHub-Current	Zabbix server: Proxy group [Proxy load balancing]: Availability belo...	5M 2d 22h	Update	🔗	class: systemOS target: importantTagLambda		
<input type="checkbox"/>	2025-06-05 04:20:33 AM	Warning		PROBLEM		Node-Central-Alpha	Zabbix monitoring system active.	3M 4d 20h	Update		destination: mainTagDelta		
<input type="checkbox"/>	2025-03-03 12:00:00 AM	Warning		RESOLVED		ZBX-Instance-02	Nginx service has stopped.	13M 4d 10h	Update		type: cloudNetOS destination: vitalTagOmega		
<input type="checkbox"/>	2025-04-04 04:04:04 AM	Warning	07:52:11 AM	RESOLVED		ZBX-Instance-02-2	Nginx service is down.	23M 2d 0h	Update		type: target: essentialTagZeta class: supportOS		
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Warning	07:52:11 AM	RESOLVED		ZBX-Instance-02-3	Nginx process has stopped.	24M 3d 23h	Update		type: cloudNetOS destination: vitalTagOmega		
<input type="checkbox"/>	2025-07-07 07:07:07 PM	Warning		RESOLVED		ZBX-Instance-02-4	Nginx service is not running.	25M 4d 22h	Update		class: supportOS target: pivotalTagEta		
<input type="checkbox"/>	2025-05-05 05:05:05 AM	Warning		RESOLVED		ZBX-Instance-02-5	Nginx process is currently down.	26M 1d 21h	Update		type: cloudNetOS destination: vitalTagOmega		
<input type="checkbox"/>	2025-02-14 03:40:05 AM	Average	07:52:11 AM	PROBLEM		Delta-Node	Log file size exceeds 1GB.	14M 1d 9h	Update		target: pivotalTagEta type: dataCoreOS		
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Average	07:52:11 AM	PROBLEM		Delta-Node-2	Log file has grown beyond 1GB.	21M 4d 2h	Update		type: protectOS type: dataCoreOS		
<input type="checkbox"/>	2025-03-30 03:30:30 PM	Average	07:52:11 AM	PROBLEM		Delta-Node-3	Log file size is over 1GB.	22M 1d 1h	Update		target: essentialTagZeta class: supportOS		
<input type="checkbox"/>	2025-10-28 07:55:12 PM	High	03:22:01 AM	PROBLEM		System-Core-ABC	CPU load is over 80%.	9M 5d 14h	Update		type: hyperOS destination: keyTagTheta		
<input type="checkbox"/>	2025-03-22 02:30:55 PM	High		RESOLVED		Functionality-Macro-Test	Response time exceeds 2 seconds.	8M 2d 16h	Update		type: appSphereOS destination: restoreSystem		
<input type="checkbox"/>	2025-04-09 03:04:39 PM	High		RESOLVED		Functionality-Macro-Test-2	Response time is greater than 2 seconds.	19M 2d 4h	Update		target: pivotalTagEta target: vitalTagIota		
<input type="checkbox"/>	2025-08-08 08:08:08 PM	High		RESOLVED		Functionality-Macro-Test-3	Response time is above 2 seconds.	20M 3d 3h	Update		type: appSphereOS destination: restoreSystem		
<input type="checkbox"/>	2025-09-09 09:09:09 PM	Disaster	09:41:33 PM	PROBLEM		Update-Macro-Test	Critical memory alert!	15M 2d 8h	Update		class: supportOS type: storageHubOS class: os		
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Disaster	09:41:33 PM	RESOLVED		Update-Macro-Test-2	Memory usage alert!	16M 3d 7h	Update		destination: vintageOS type: storageHubOS value: system		
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Disaster	09:41:33 PM	RESOLVED		Update-Macro-Test-3	Memory usage warning!	17M 4d 6h	Update		target: vitalTagIota class: supportOS class: os		
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Disaster	09:41:33 PM	RESOLVED		Update-Macro-Test-4	Memory usage is critical!	18M 1d 5h	Update		destination: vintageOS type: storageHubOS target: esse...		

1
 2
 3
 4
 5
 6
 7
 8
 ▶
 Last

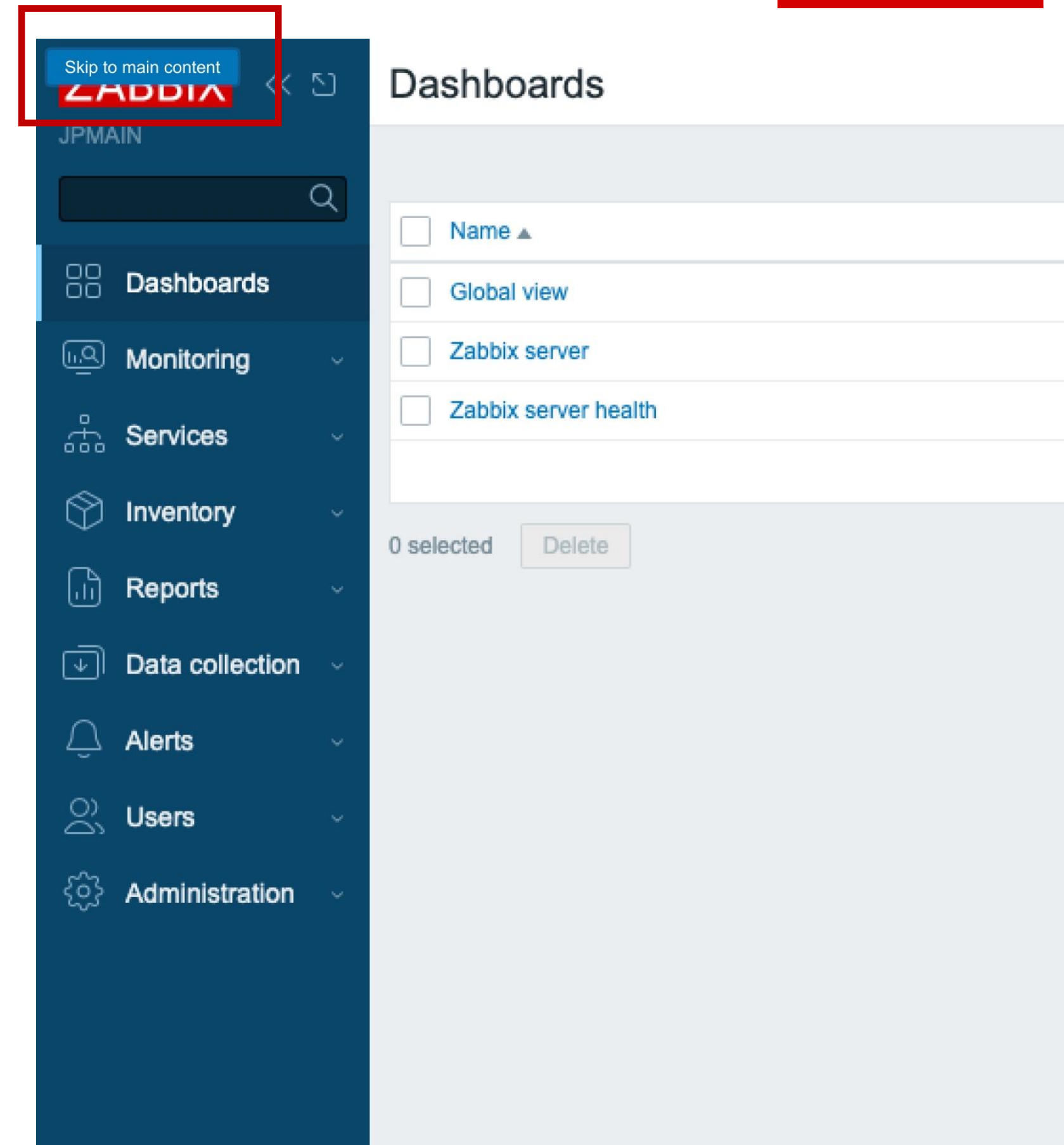
Displaying 10 of 10 found

0 Selected

8.0 LTS: Accessibility improvements

More accessible

- All buttons are now compatible with screen readers
- The main menu can now be skipped by screen readers
 - “Skip to main content” link
- Improved color contrast ratio
- Other accessibility bugfixes and improvements
- WCAG accessibility standard



8.0 LTS: Customizable data views

<input type="checkbox"/>	Time ▾	Severity ▾	Recovery time	Status	Info	Host ▾	Problem ▾	Duration	Update	Actions	Tags
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Not classified		PROBLEM		Zabbix server test ab1	Zabbix server test ab1	1M 2d 21h	Update		class: os target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Not classified		PROBLEM		Website monitor	Website monitor	1M 2d 21h	Update		target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Not classified		PROBLEM		AB test 01	AB test 01	1M 2d 21h	Update		target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Information		PROBLEM		Website monitor	Website monitor	1M 2d 21h	Update		target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Information		PROBLEM		Website monitor	Website monitor	1M 2d 21h	Update		class: os target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Information		PROBLEM		Website monitor	Website monitor	1M 2d 21h	Update		target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Information		PROBLEM		Latest data	Zabbix server: Proxy group [Proxy load balancing]: Availability below 75%	1M 2d 21h	Update		target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Information		PROBLEM		Latest data	Zabbix server: Proxy group [Proxy load balancing]: Availability below 75%	1M 2d 21h	Update		class: os target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Warning		PROBLEM		Zabbix server	Zabbix server	1M 2d 21h	Update		target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Warning		PROBLEM		Zabbix server	Zabbix server	1M 2d 21h	Update		target: someusefultag target: s
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Average		PROBLEM		Zabbix server	Zabbix server	1M 2d 21h	Update		target: someusefultag target: s
<input type="checkbox"/>	2025-04-09 03:04:39 PM	High		PROBLEM		Zabbix server	Zabbix server	1M 2d 21h	Update		class: os target: someusefultag
<input type="checkbox"/>	2025-04-09 03:04:39 PM	High		PROBLEM		New macro functions test	New macro functions test	1M 2d 21h	Update		target: someusefultag class: os
<input type="checkbox"/>	2025-04-09 03:04:39 PM	Disaster		PROBLEM		New macro functions test	New macro functions test	1M 2d 21h	Update		class: os target: someusefultag

Tags duplicate

Column list

- Time
- Severity
- Recovery time
- Status
- Info
- Host
- Problem
- Operational data
- Trigger expression
- Duration
- Update
- Actions
- Tags
- Tags duplicate
- Tag value

[Reset to default](#)

Monitoring: Hosts, Problems, Latest data

Data collection: Hosts, Templates

8.0 LTS: New context specific data columns

Name ▲	Interface	Availabil...	Tags	HOST.IP	HOST.DNS	INVENTORY.TYPE	USER MACRO	Status	Latest data	Problems
AWS proxy			class: so... target: ... target: ...	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*		Enabled	Latest data 48	1 1
DevLinux	DevLinux:10050	ZBX	type: {#PORT}		DevLinux			Enabled	Latest data 2	Problems
DevLinux_2	192.168.8.159:10050	ZBX	class: os target: linux	192.168.8.159	DevLinux	linux host		Enabled	Latest data 77	1
MyZabbix			class: so... target: ... target: ...	*UNKNOWN*	*UNKNOWN*	*UNKNOWN*		Enabled	Latest data 116	1 4
Regex Bench				*UNKNOWN*	*UNKNOWN*	*UNKNOWN*		Enabled	Latest data 7	Problems
Zabbix cloud	zhuk.zabbix.cloud:10050	ZBX	class: software target: apache	127.0.0.1	zhuk.zabbix.cloud			Enabled	Latest data 22	1
Zabbix server				*UNKNOWN*	*UNKNOWN*	Type1		Enabled	Latest data 107	Problems

Column name

Custom text

Duplicate column

Delete column

Plain text and multiple macros

8.0 LTS: Clear separation of filter and visualization options

The screenshot shows the Zabbix problem filter and visualization configuration interface. It is divided into two main sections: filters on the left and visualization options on the right.

Filters (Left):

- Show:** Recent problems (selected), Problems, History
- Host groups:** type here to search [Select]
- Hosts:** type here to search [Select]
- Triggers:** type here to search [Select]
- Problem:** [Text input]
- Severity:** Not classified, Warning, High, Information, Average, Disaster
- Age less than:** 14 days
- Show symptoms:**
- Show suppressed problems:**
- Acknowledgement status:** All (selected), Unacknowledged, Acknowledged, By me

Visualization Options (Right):

- Host inventory:** Type [dropdown] [Text input] [Remove]
- Tags:** And/Or (selected), Or
- Tag filter:** tag [Text input] Contains [dropdown] value [Text input] [Remove]
- Show tags:** None, 1, 2, 3 (selected)
- Tag name:** Full (selected), Shortened, None
- Tag display priority:** comma-separated list [Text input]
- Show operational data:** None (selected), Separately, With problem name
- Compact view:**
- Show timeline:**
- Show details:**
- Highlight whole row:**

Buttons: Save as, Apply, Reset

8.0 LTS: Clear separation of filter and visualization options

The screenshot displays the Zabbix 8.0 LTS interface for configuring filters and visualization options. The top navigation bar includes a filter icon, navigation arrows, a 'Zoom out' button, and a 'Last 30 days' time range selector.

The main configuration area is divided into two sections:

- Left Section (Filters):** Contains 'Show' tabs (Recent problems, Problems, History), 'Host groups' (with a search box containing 'Distilleries'), 'Hosts', 'Triggers', and 'Problem' search boxes. Below these are 'Severity' checkboxes (Not classified, Warning, High, Information, Average, Disaster) and a 'Show symptoms' checkbox. At the bottom are 'Acknowledgement status' tabs (All, Unacknowledged, Acknowledged) and a 'By me' checkbox.
- Right Section (Tags):** Contains 'Host inventory' (Type dropdown, search box, Remove button, Add link) and 'Tags' (And/Or/Or tabs, tag search box, Contains dropdown, value search box, Remove button, Add link).

At the bottom of the filter section are three buttons: 'Save as' (highlighted with a red box), 'Apply', and 'Reset'.

The bottom of the image shows a table header with columns: Time, Problem, Severity, Info, Host, Duration, Update, Actions, Operational data, Tags. A red box highlights the 'Problem' column's menu, which includes the following options:

- Show operational data
- Show trigger expression
- Show suppressed

8.0 LTS: Clear separation of filter and visualization options

Enables:

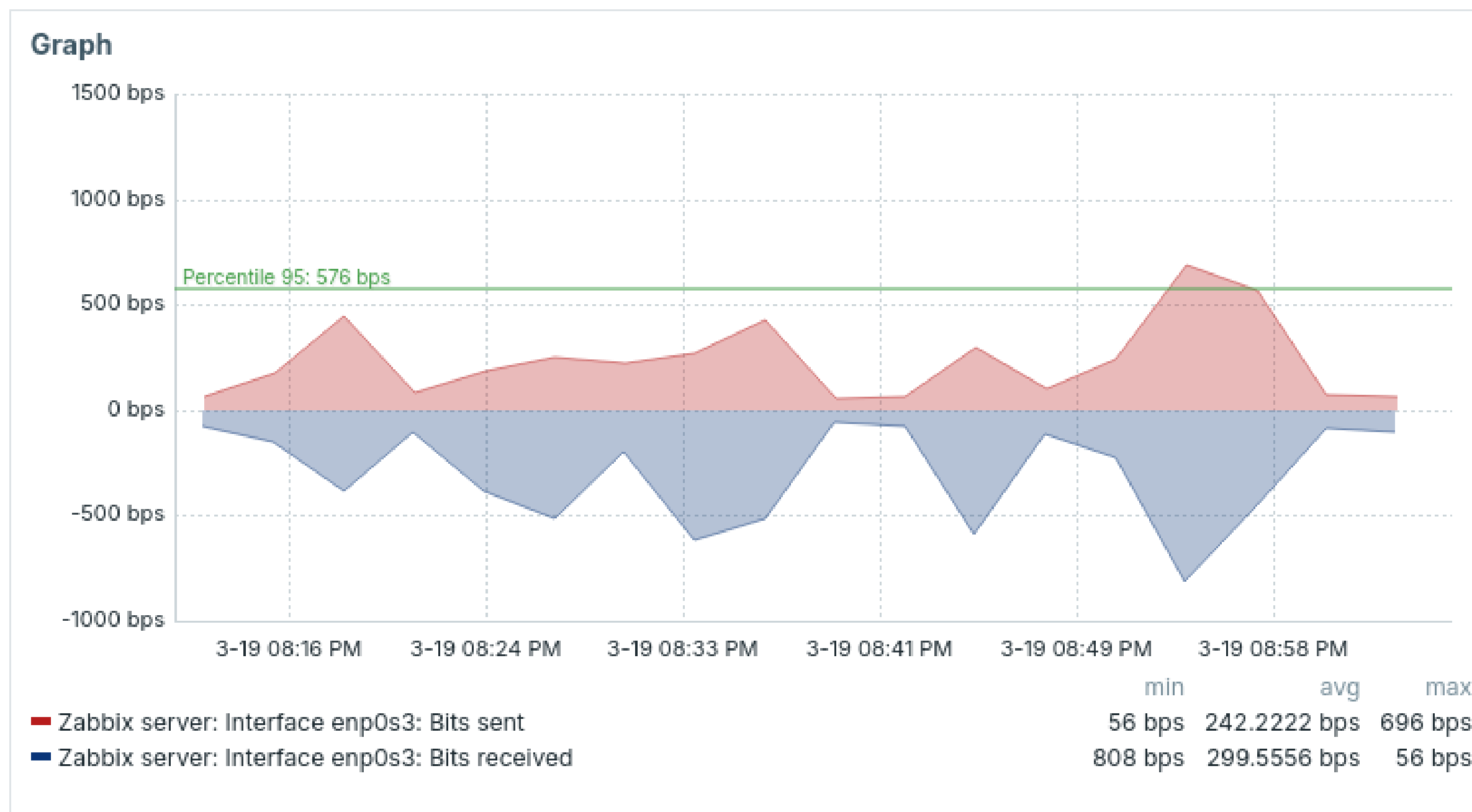
- customization of all table views
- more advanced filters that also saves visualization settings
- flexible reporting options when combined with widgets in the future

The screenshot shows a table with columns: Duration, Update, Operational data, and Tags. A red box highlights the 'Table options' and 'Column list' menu. The 'Table options' section includes 'Compact view' and 'Highlight whole row'. The 'Column list' section includes 'Time', 'Problem', 'Severity', 'Recovery time', 'Status', 'Info', 'Host', 'Duration', 'Update', 'Actions', 'Operational data', 'Tags', and 'Tag value'.

Duration	Update	Operational data	Tags
31s	Update	1.21 bar	
34s	Update	1.25 bar	
37s	Update	1.21 bar	
40s	Update	1.21 bar	
2m 27s	Update	5.59	
3m 51s	Update	5.58	
4d 6h 36m	Update	5.45	
4d 6h 36m	Update	1.21 bar	
4d 6h 37m	Update	5.59	
4d 6h 37m	Update	1.21 bar	
4d 6h 37m	Update	1.21 bar	
4d 6h 37m	Update	1.25 bar	
4d 6h 44m	Update	5.58	

8.0 LTS: Various graph improvements

Positive and negative Y axis (most voted feature)



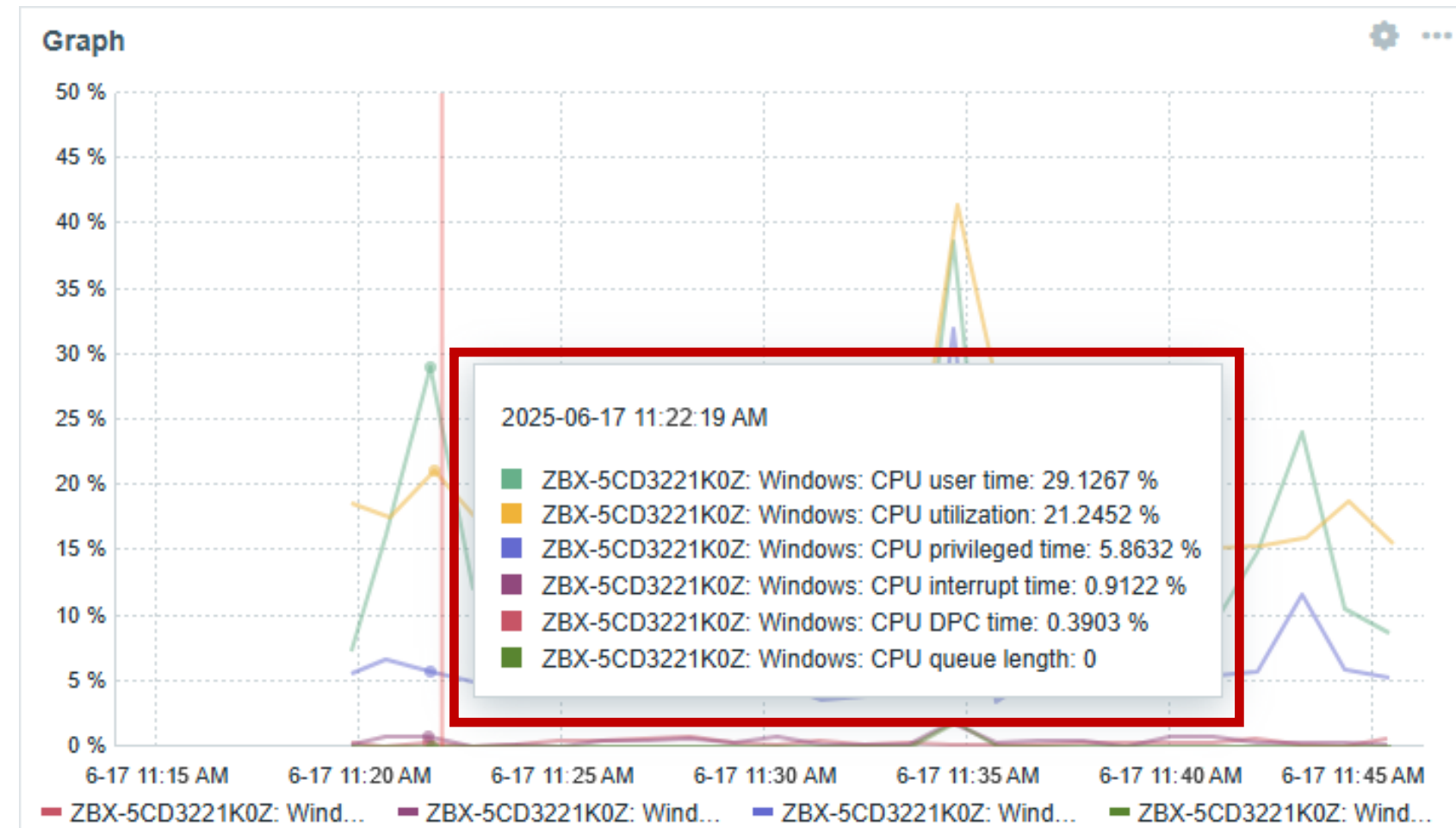
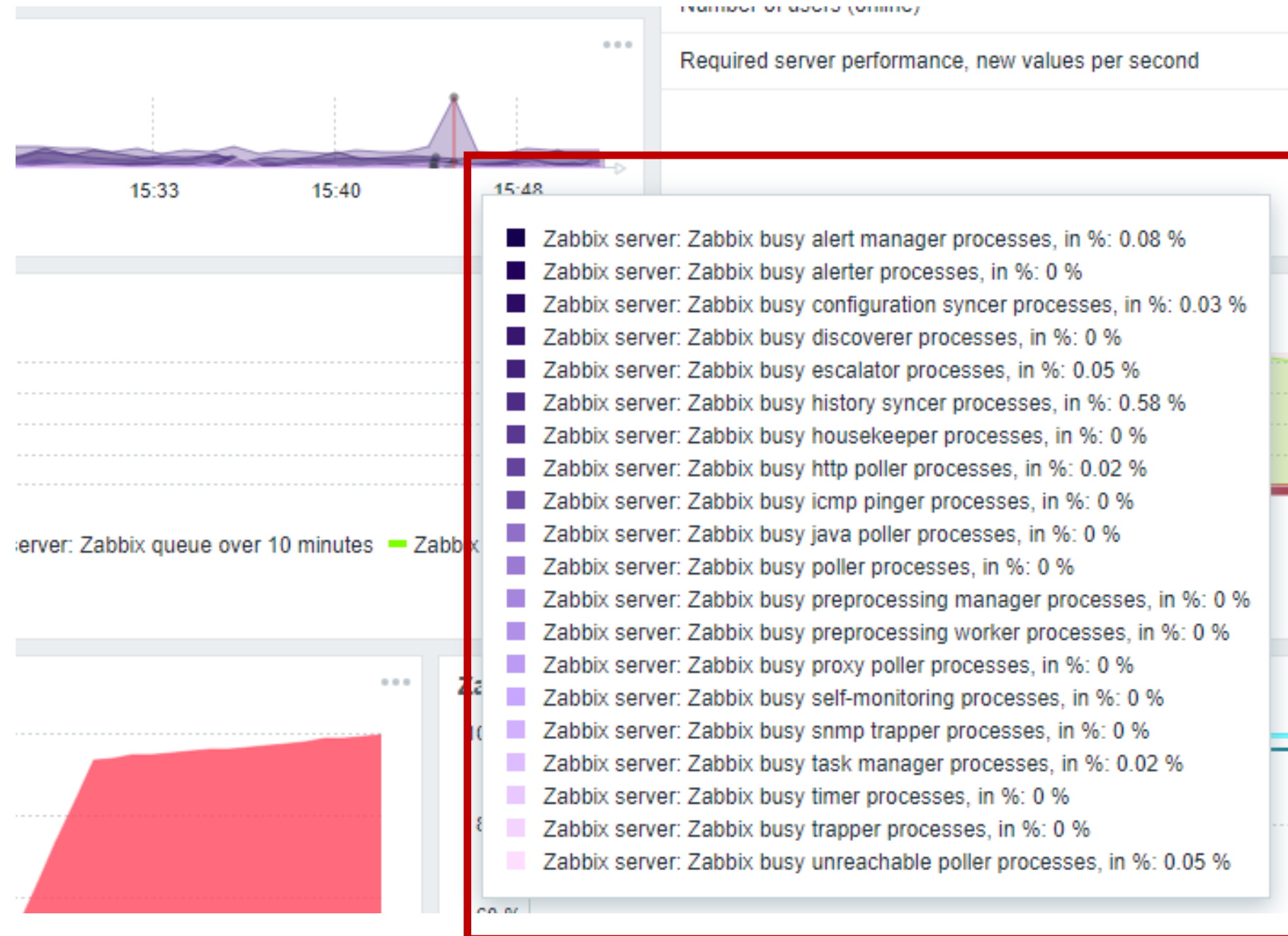
8.0 LTS: Various graph improvements

Highlighting and more interactive dashboards



8.0 LTS: Various graph improvements

Sorting



8.0 LTS: Various graph improvements

Hostname visibility

Data set 1 **Displaying options** Time period Axes Legend Problems Overrides

History data selection **Auto** History Trends

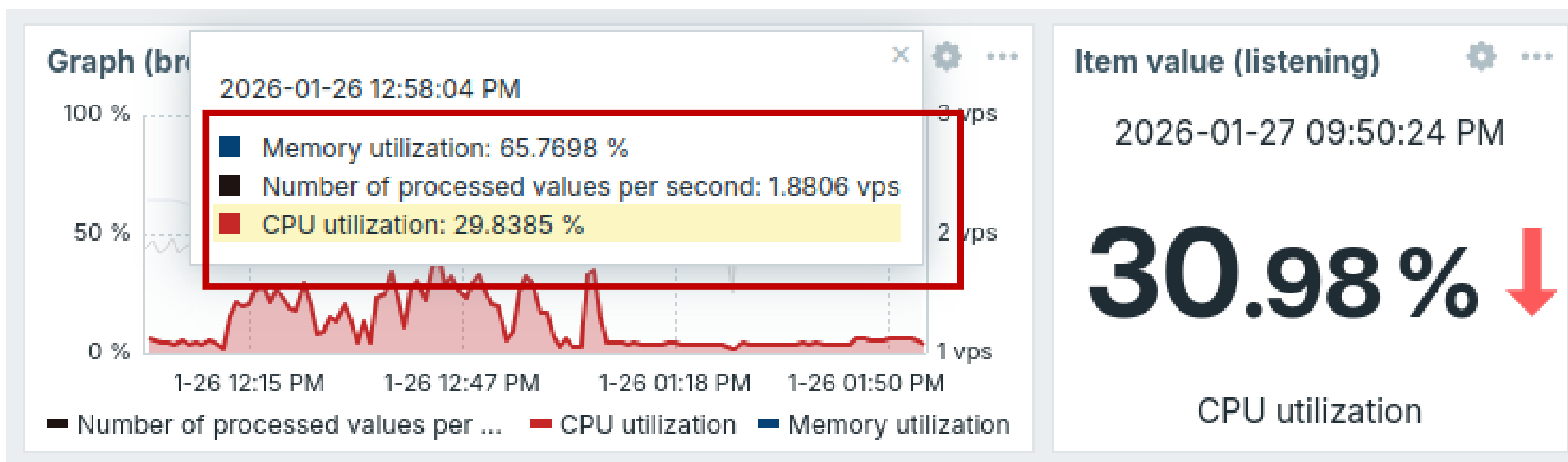
Simple triggers

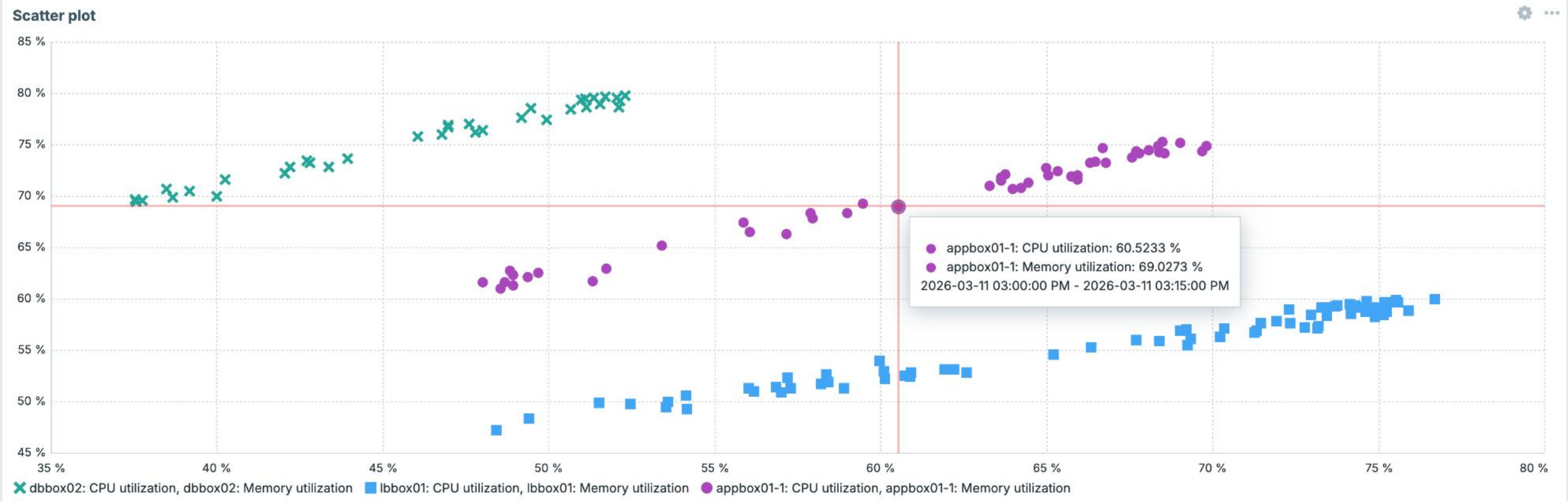
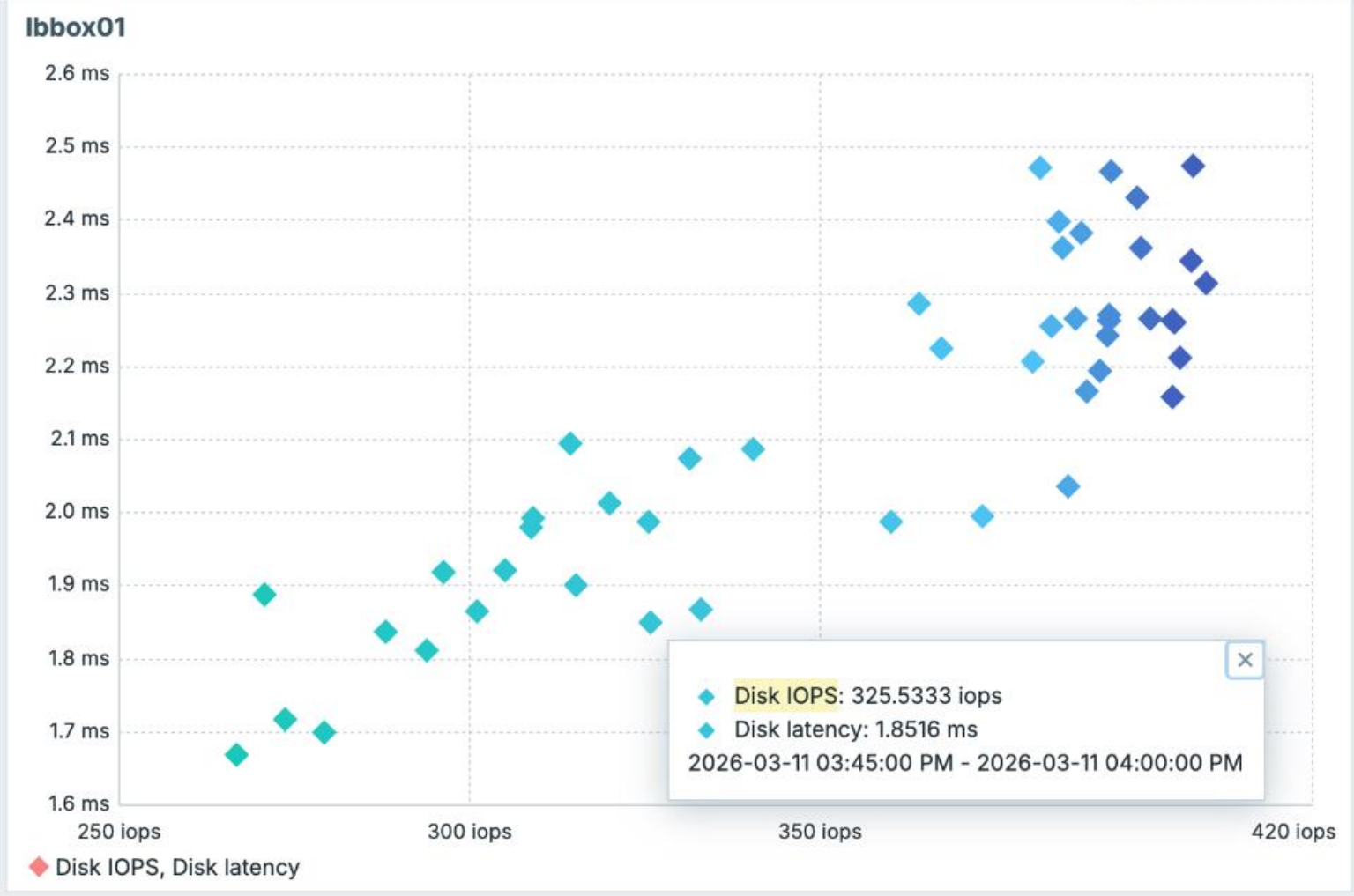
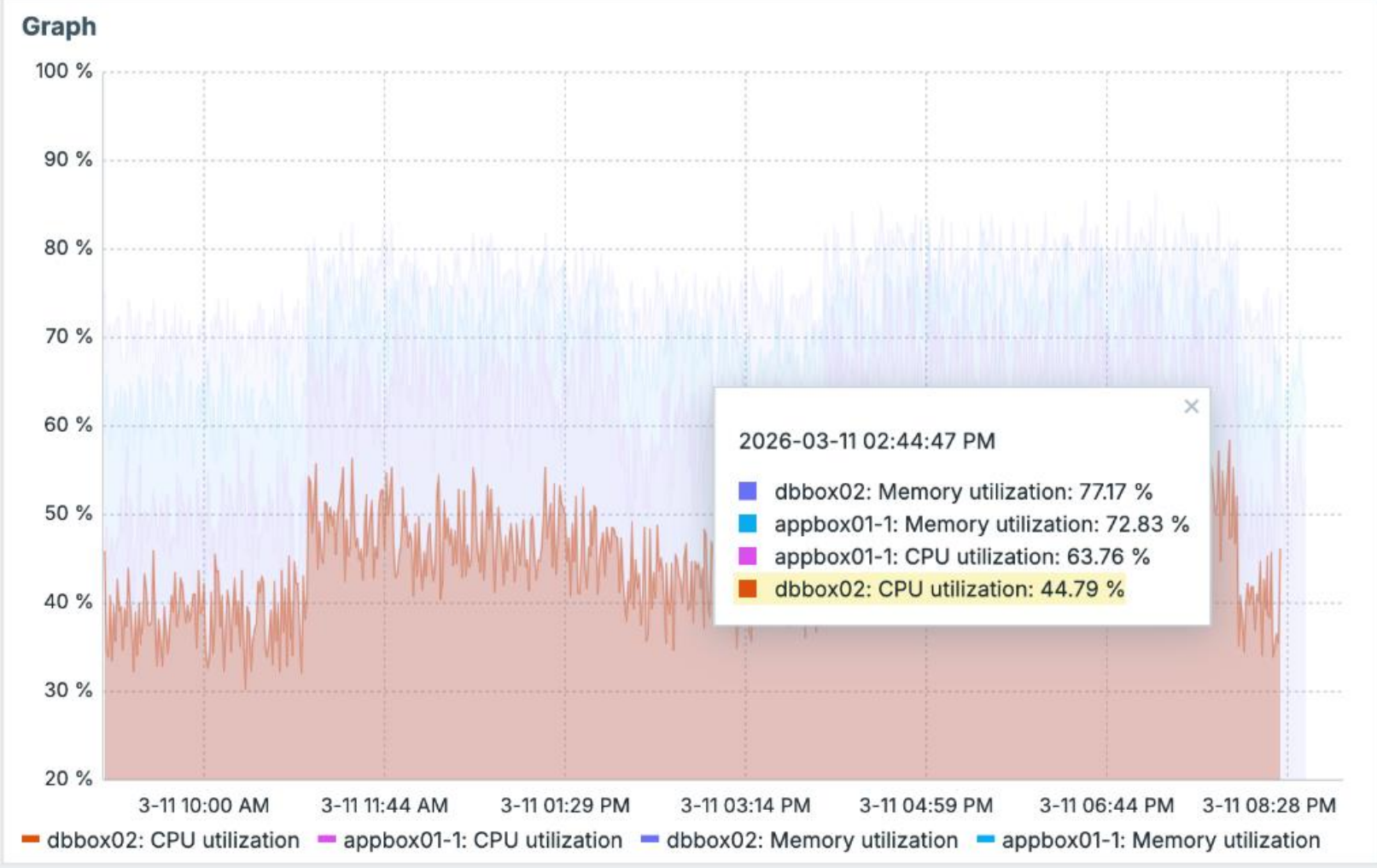
Working time

Host names in labels **Auto** Show Hide

Percentile line (left) value

Percentile line (right) value





8.0 LTS: Control clustering at Geomaps

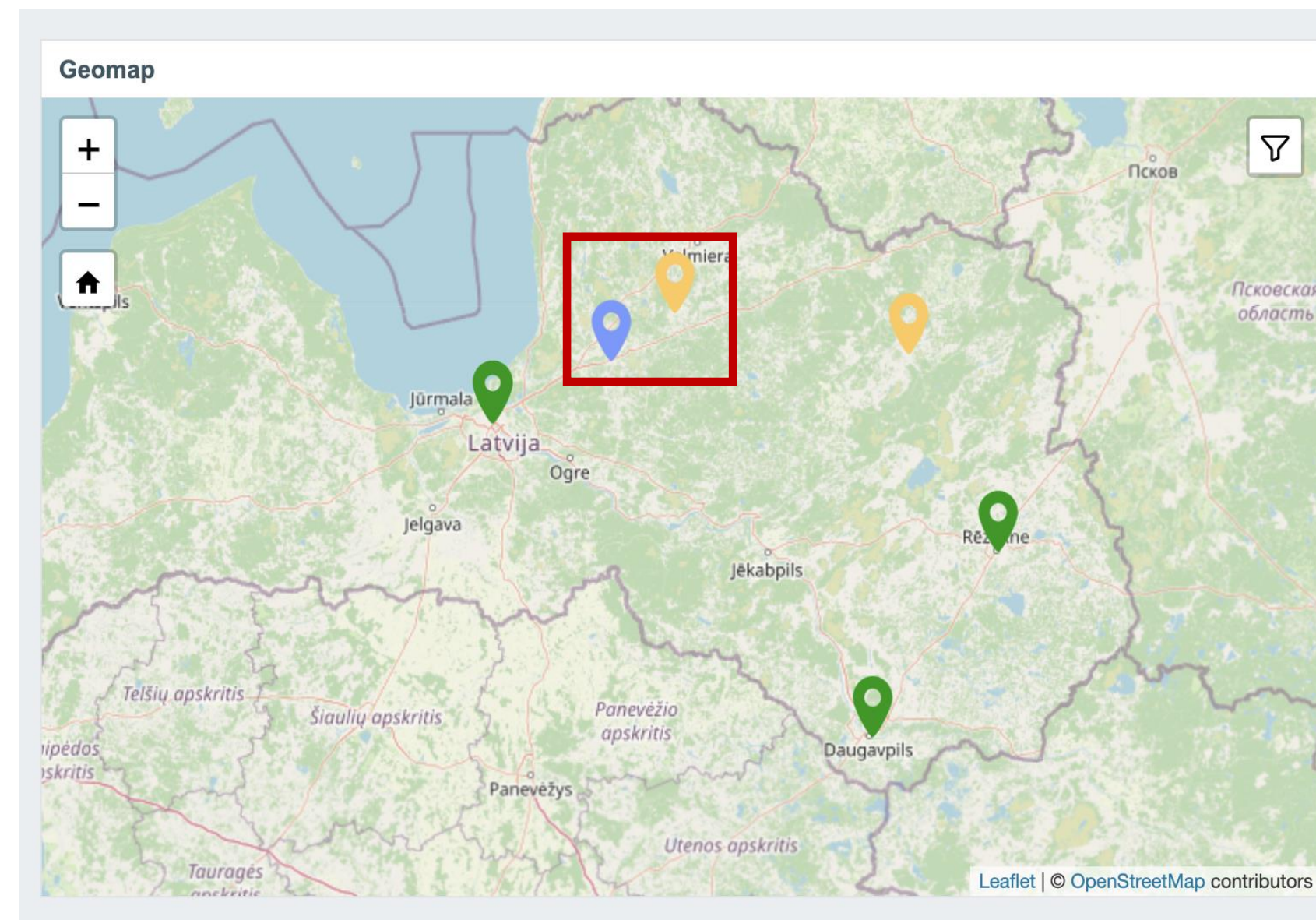
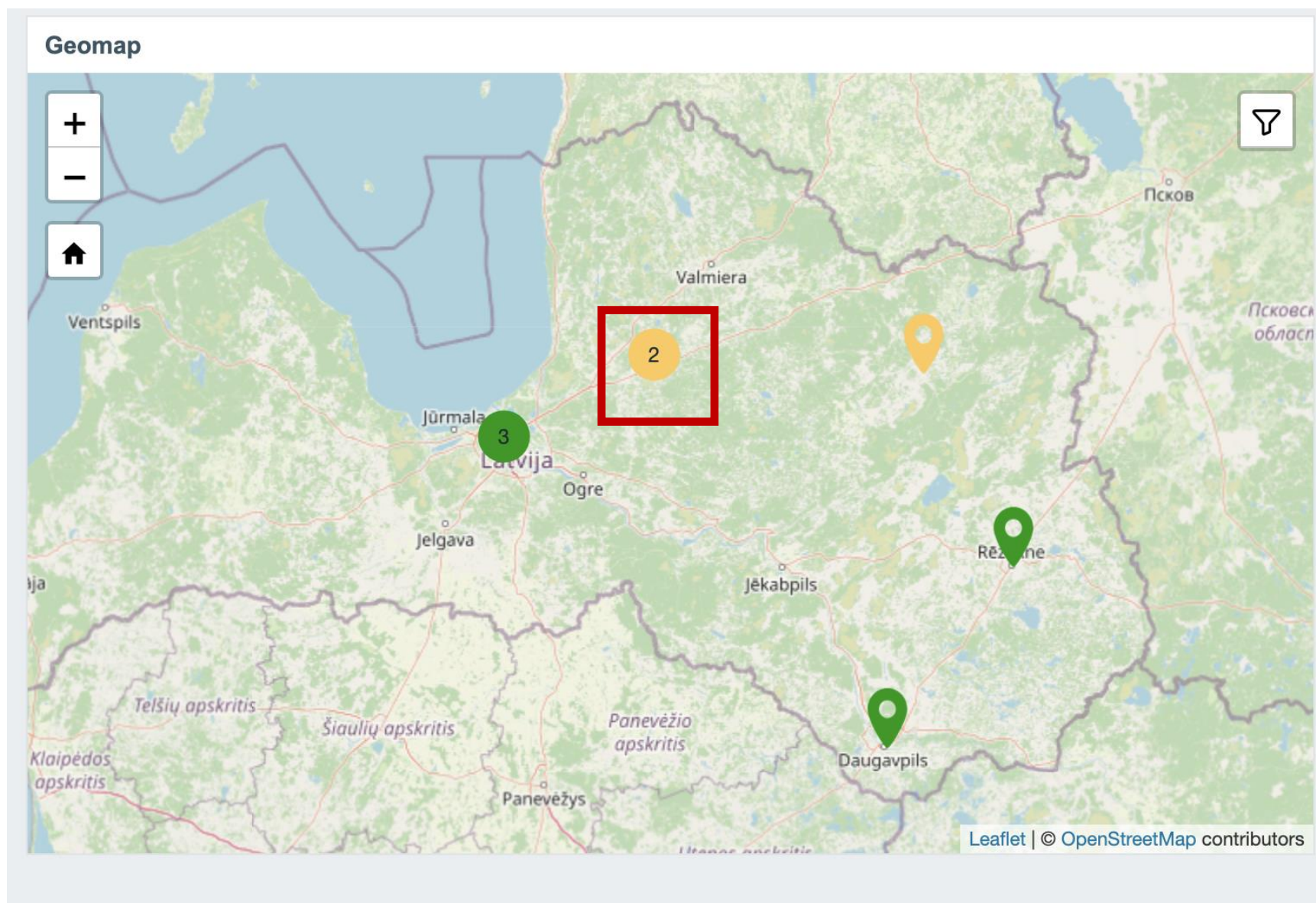
Clustering threshold

- Clustering level, also OFF option

Initial view ?

Clustering Auto Zoom level

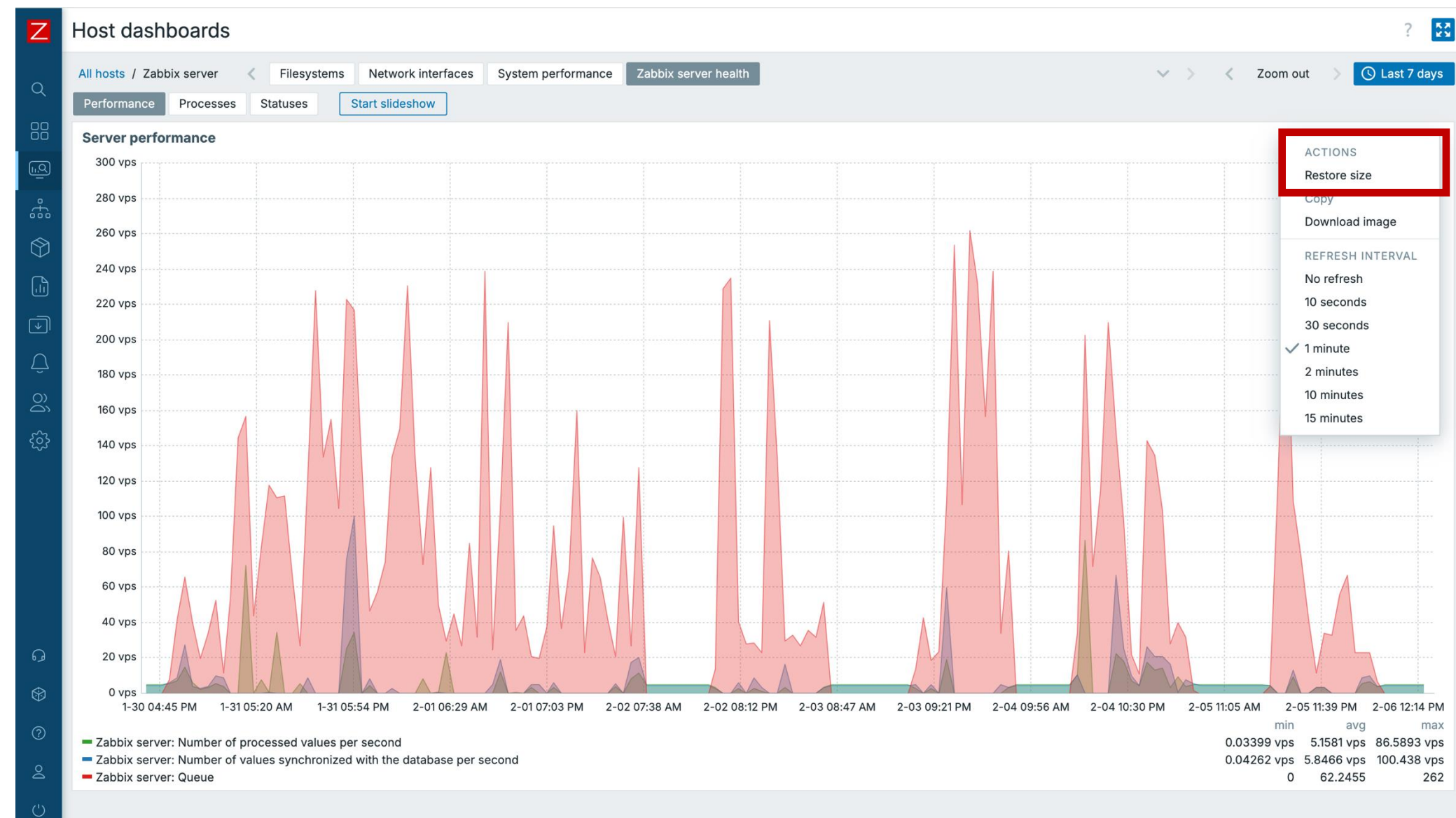
Apply Cancel



8.0 LTS: Dashboard improvements

A few nice improvements

- Maximize dashboard widget
 - most voted functionality at the Summit
- **Dashboard import/export!**



8.0 LTS: Inherited tags for Hosts and Items

Massive usability improvement!

- Template tags are displayed on host and item level
- Affects: Data collection and Monitoring
- Allows filtering of hosts and items by template tags
- May be used for graphs to filter items by tags

The screenshot shows the Zabbix configuration interface for a host and item. The host is named 'Zabbix server' and the item is 'Number of processed values per second'. The 'Item tags' section is highlighted with a red box and contains the following configuration:

- Item tags: **And/Or** (selected)
- tag: tag
- Contains: Contains
- value: value
- Remove: Remove
- Add: Add

Other visible settings include:

- Draw: Line (selected)
- Stacked:
- Width: 1
- Point size: 3
- Transparency: 5
- Fill: 3
- Missing data: None (selected)
- Override host: type here to search
- Y-axis: Left (selected)
- Time shift: none
- Aggregation function: not used
- Aggregation interval: 1h
- Aggregate: Each item (selected)
- Approximation: avg
- Data set label: Data set #1

8.0 LTS: Inherited tags for Hosts and Items

Hosts



Host Wizard

Create host

Import

Filter

Host groups

Status

Templates

Monitored by

Name

Tags

DNS

[Add](#)

IP

Port

Apply

Reset

<input type="checkbox"/>	Name ▲	Agent encrypti...	Triggers	Graphs	Items	Proxy	Templates	Status ▲	Tags	Target	⋮	⌵
<input type="checkbox"/>	Pot still: Pot still four (spirit)	None	Triggers 4	Graphs	Items 3		Pot still	Enabled	target: distillery class: device	distillery		
<input type="checkbox"/>	Pot still: Pot still one (low-wi...	None	Triggers 4	Graphs	Items 3		Pot still	Enabled	target: distillery class: device	distillery		
<input type="checkbox"/>	Pot still: Pot still three (low-...	None	Triggers 4	Graphs	Items 3		Pot still	Enabled	target: distillery class: device	distillery		
<input type="checkbox"/>	Pot still: Pot still two (spirit)	None	Triggers 4	Graphs	Items 3		Pot still	Enabled	target: distillery class: device	distillery		

0 selected

Displaying 4 of 4 found

target: distillery class: device

target: distillery class: device

target: distillery class: device

target: distillery class: device

Inherited tag class: device

Enable Disable Export Mass update Delete



8.0 LTS: Better maintenance workflow

Show that problem is in maintenance

- New event action: event is in maintenance
- Action history: we can see that event was in maintenance

Quick “Put in maintenance action”

- Directly from Problem view

	Time ▼	Severity	Recovery time	Status	Info	Host	Problem
1	2026-03-12 10:05:48 AM	Disaster		PROBLEM		dev_4726_hst_1	dev_4726_trg_1
	2026-03-09 08:37:34 AM	Warning		PROBLEM		dev_4726_hst_1	dev_4726_trg_1

Suppressed by maintenance

8.0 LTS: Global regular expressions

Regular expressions ▾

Name

Description

<input type="checkbox"/> Name	Expressions
<input type="checkbox"/> File systems for discovery	1 ⇒ <code>^(btrfs ext2 ext3 ext4 reiser xfs ffs ufs jfs jfs2 vxfs hfs apfs refs ntfs fat32 zfs)\$</code> [Matches regular expression]
<input type="checkbox"/> Network interfaces for discovery	1 ⇒ <code>^Software Loopback Interface</code> [Matches regular expression] 2 ⇒ <code>^(In)?[LI]oop[Bb]ack[0-9._]*\$</code> [Matches regular expression] 3 ⇒ <code>^NULL[0-9.]*\$</code> [Does not match regular expression] 4 ⇒ <code>^[LI]o[0-9.]*\$</code> [Does not match regular expression] 5 ⇒ <code>system</code> [Substring included] 6 ⇒ <code>eth0, docker</code> [Value is in list]

1 2 ▶

0 selected ▾

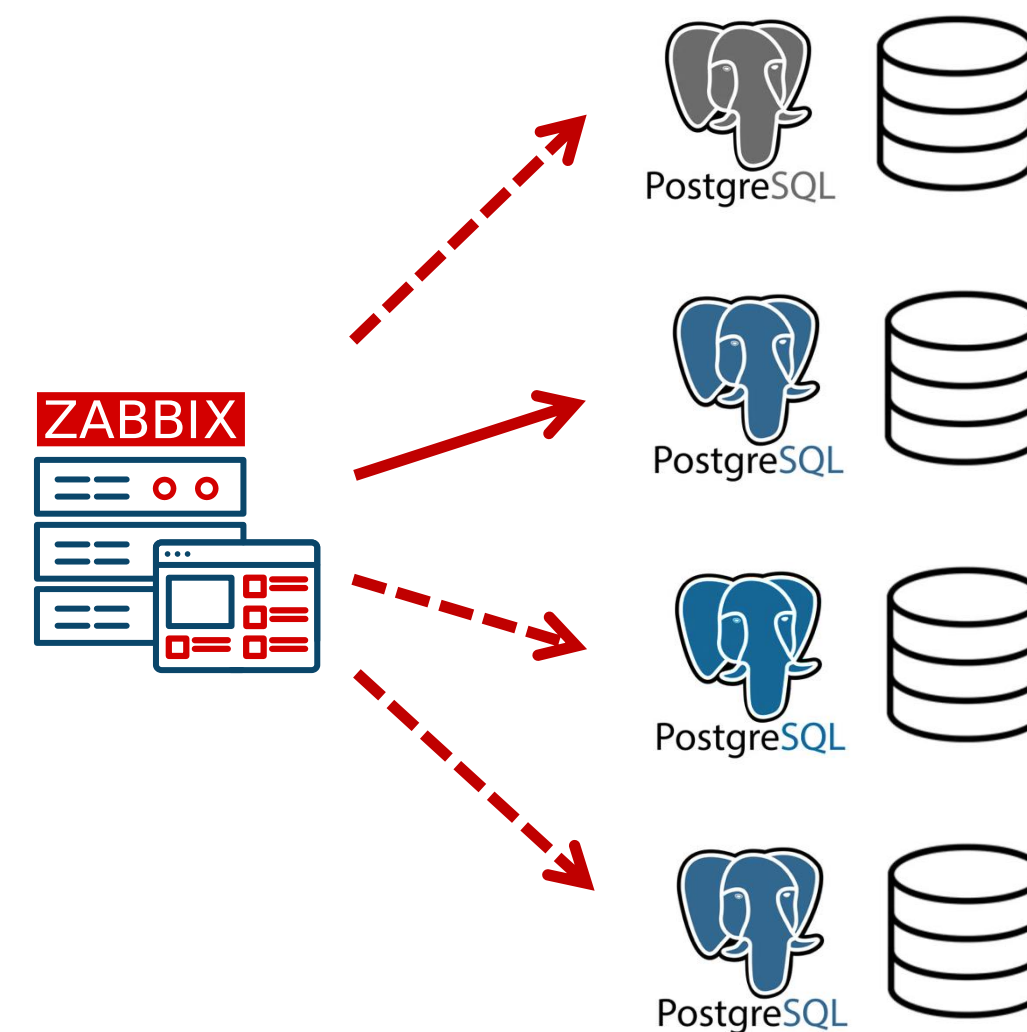
8.0 LTS: Automatic HA failover for PostgreSQL

Support of multiple PostgreSQL servers

- Zabbix will connect to the first available one

```

### Option: DBHost
# Database host name.
# If set to localhost, socket is used for MySQL.
# If set to empty string, socket is used for PostgreSQL.
#
# For PostgreSQL, multiple host:port values can be set, seperated by comma.
# Each host is tried in order until a read-write connection is established.
# Example: DBHost=localhost:5431,127.0.0.1:20051,zabbix.domain, [::1]:30051, [12fc::1]
#
# Mandatory: no
# Default:
# DBHost=localhost
    
```



8.0 LTS: Manual control of trigger tags created from LLD rule

No total control by LLD anymore

- Zabbix 7.4: manage Templates, Macros
- Zabbix 8.0 LTS: also manage trigger tags

Trigger ? ×

Trigger **Tags 2** Dependencies

Trigger tags Inherited and trigger tags

Name	Value	
component	network	(created by LLD)
os	linux	(created by LLD)
provider	telecom	Remove
tag	value	Remove

[Add](#)

[Update](#) [Clone](#) [Delete](#) [Cancel](#)

8.0 LTS: Security and compliance

Hardening Zabbix Agents

- **AllowKeyRegexp** and **DenyKeyRegexp** option for agents agents
- "Allowed hosts" parameter is mandatory now

New item

Item Tags Preprocessing

History Do not store Store up to

* Trends Do not store Store up to

Value mapping

Allowed hosts

Populates host inventory field

Hardening external secret storage

- HashiCorp Vault AppRole authentication
- Two new parameters for proxy and server configs:
 - VaultAppRoleID, VaultAppSecretID
- More details at:

<https://developer.hashicorp.com/vault/docs/auth/approle>

8.0 LTS: Security and compliance

Export of auditlog to CSV

Audit log

[?](#) [Export to CSV](#)

< Zoom out > [Last 7 days](#) [Filter](#)

Users [Select](#)
 Resource

Actions:
 Add
 Configuration refresh
 Delete
 Execute
 Failed login
 History clear
 Login
 Logout
 Push
 Update

Resource ID
 Recordset ID
 IP

[Apply](#) [Reset](#)

Time	User	IP	Resource	ID	Action	Recordset ID	Details
2026-03-17 10:57:19 AM	Admin	192.168.120.26	Dashboard	344	Update	cmmuhzzql0000x9nvuyuvfzi	Description: AllWidgets dashboard.pages[7224].widgets[21852]: Updated dashboard.pages[7224].widgets[21852].fields[60391]: Added
2026-03-17 10:55:56 AM	Admin	192.168.120.26	Dashboard	344	Update	cmmuhy7zy0000x9nvdsfywpqn	Description: AllWidgets dashboard.pages[7224].widgets[21852]: Added dashboard.pages[7224].widgets[21852].height: 5

8.0 LTS: Security and compliance

Import of SSO certificates

- Store in the Database or in a file
- Zabbix Cloud friendly

`$SSO['CERT_STORAGE']` set to 'file'. # default for upgrades

or

`$SSO['CERT_STORAGE']` set to 'database'.

Authentication

Authentication HTTP settings LDAP settings ● SAML settings ● MFA settings

Enable SAML authentication

Enable JIT provisioning

* IdP entity ID

* SSO service URL

SLO service URL

* Username attribute

* SP entity ID

SP name ID format

* IdP certificate

SP private key

SP certificate

Sign Messages
 Assertions
 AuthN requests
 Logout requests
 Logout responses

Encrypt Name ID
 Assertions

8.0 LTS: Security and compliance

Proxy Group permissions

- For each user group: list of proxies and proxy groups (allow or deny)
- If deny: we can see related hosts but proxy information is not available. If discovery rule is linked to proxy, then it is hidden.

Use cases

- Simplifies operations for MSPs
- Different proxy groups for different departments or domains domains (network, applications, cloud, etc)

User groups

The screenshot shows the Zabbix web interface for configuring proxy access lists for a user group. The 'Proxy access list' tab is selected and highlighted with a red box. Below the tabs, there are two main sections: 'Proxies' and 'Proxy groups'. Each section has 'Allow list' and 'Deny list' buttons. Under 'Proxies', a search input field contains 'Proxy one' and 'Proxy two' with 'x' icons to remove them, and a 'Select' button. Under 'Proxy groups', a search input field contains 'Group one' and 'Group two' with 'x' icons, and a 'Select' button. At the bottom of the form are 'Update', 'Delete', and 'Cancel' buttons.

8.0 LTS: Global control of first screen for users

Redirect option

- User role: URL (after login) in User role
- Main use case: LDAP/SAML (JIT provisioning)

Users	<input checked="" type="checkbox"/> User groups	<input checked="" type="checkbox"/> Users	<input checked="" type="checkbox"/> Authentication
	<input checked="" type="checkbox"/> User roles	<input checked="" type="checkbox"/> API tokens	
Administration	<input checked="" type="checkbox"/> General	<input checked="" type="checkbox"/> Proxy groups	<input checked="" type="checkbox"/> Queue
	<input checked="" type="checkbox"/> Audit log	<input checked="" type="checkbox"/> Proxies	
	<input checked="" type="checkbox"/> Housekeeping	<input checked="" type="checkbox"/> Macros	

* At least one UI element must be checked.

Default access to new UI elements

User profile settings

Enforce redirect after login ?	<input checked="" type="checkbox"/>
Redirect URL after login	<input type="text" value="/zabbix.php?action=dashboard.view&dashboardid=353&from=now%2Fd..."/>

8.0 LTS: net.if.get[<regexp>] & vfs.dev.get[<mode>,<regexp>]

net.if.get[.*]

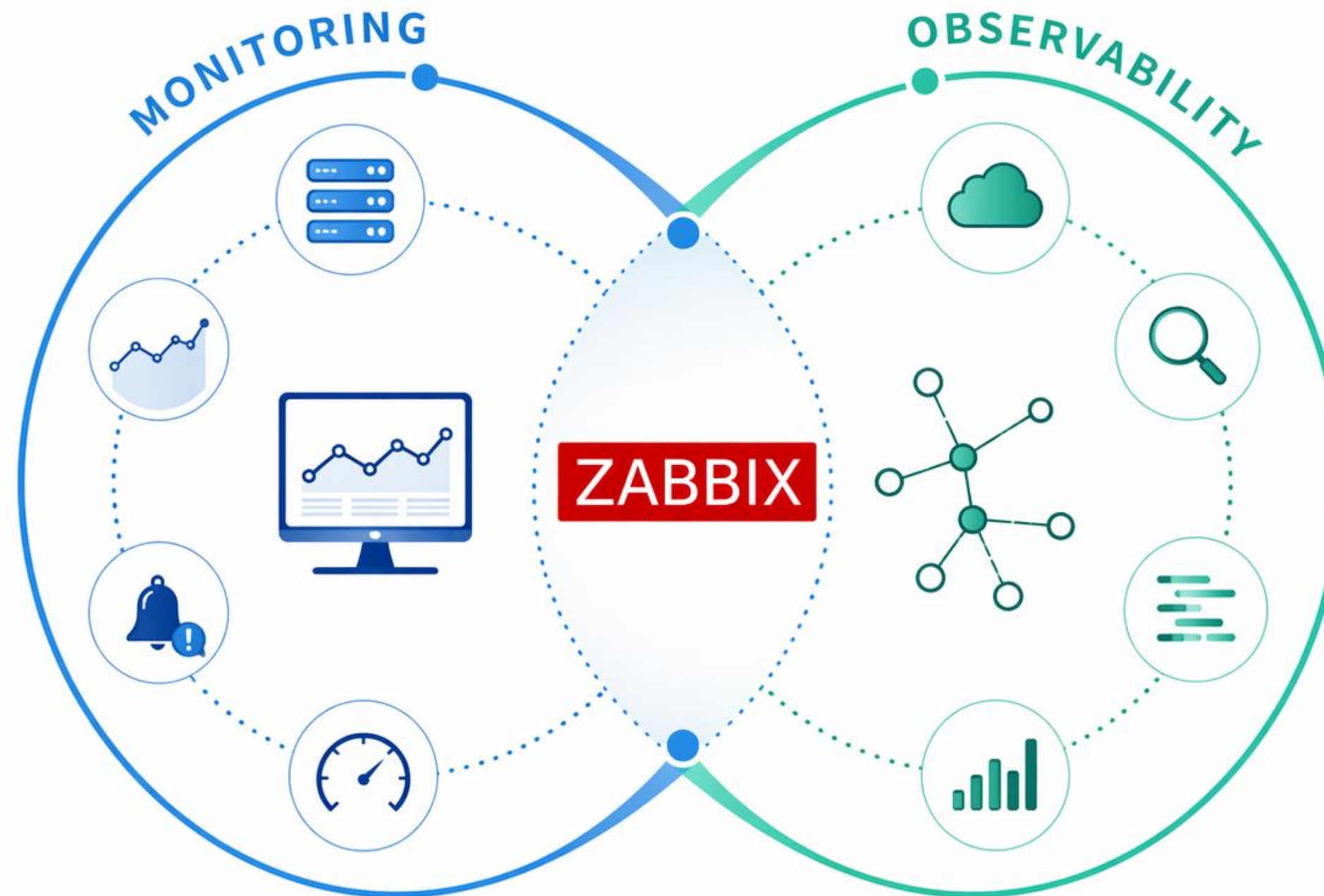
```
[
  {
    "name": "eth0",
    "type": "physical",
    "mac": "00:1A:2B:3C:4D:5E",
    "ifalias": "Main uplink",
    "carrier": 1,
    "operational_state": "up",
    "administrative_state": "up",
    "sent": 123456789,
    "received": 987654321,
    "speed": 1000,
    "duplex": "full",
    "negotiation": "on"
  },
  {
    "name": "wlan0",
    "operational_state": "up",
```

vfs.dev.get[disks,.*]

```
[
  {
    "name": "nvme0n1"
    "devid": "nvme-SAMSUNG_MZVLB1T0_S4XXXXXXX"
    "type": "disk",
    "path": "/dev/nvme0n1",
    "model": "SAMSUNG MZVLB1T0",
    "serial": "S4XXXXXXX",
    "wwn": "0x5002538eXXXXXXX",
    "size_bytes": 1000204886016,
    "logical_block_size": 512,
    "physical_block_size": 4096,
  }
]
```

Zabbix 8.0 LTS: Monitoring and Observability at scale!

Metrics
Alerts
Performance
Availability



Logs
Traces
Topology
Insights

8.0 LTS: Stay up-to-date

ZABBIX Docs

8.0(devel) ▾
English ▾
📄
🌙 Dark ▾

- User manual ^
- 1 Installation and first steps ▾
- 2 What's new in Zabbix 8.0 ^
- What's new in Zabbix 8.0.x
- 3 Zabbix appliance
- 4 Zabbix processes ▾
- 5 Configuration ▾
- 6 Service monitoring ▾
- 7 Web monitoring ▾
- 8 Virtual machine monitoring ▾
- 9 Maintenance
- 10 Regular expressions
- 11 Problem acknowledgment ▾
- 12 Configuration export/import ▾
- 13 Discovery ▾
- 14 Distributed monitoring ▾
- 15 Encryption ▾

[User manual](#) / 2 What's new in Zabbix 8.0

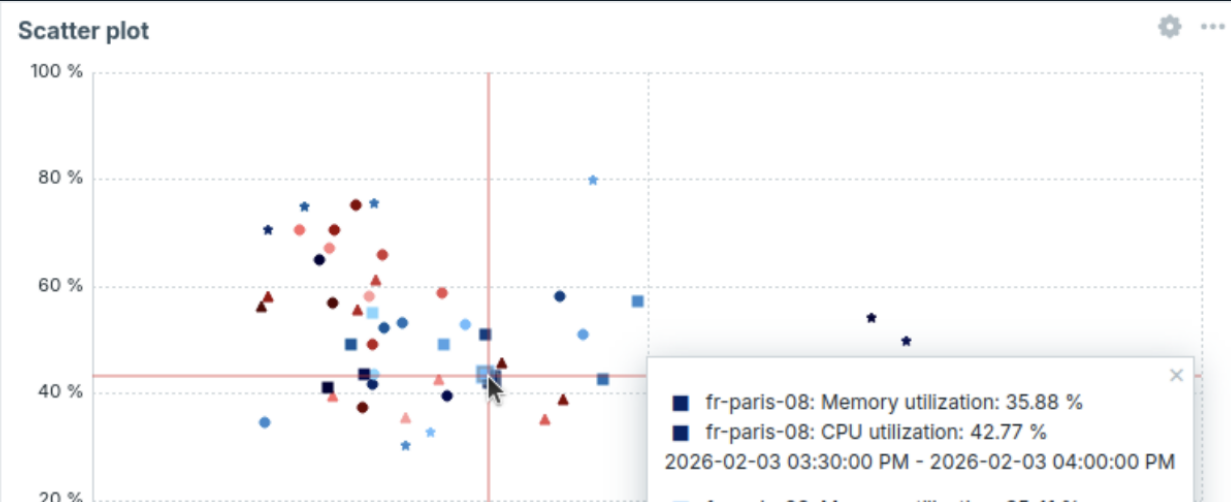
2 What's new in Zabbix 8.0

Zabbix 8.0.0 continues from Zabbix 7.4.0, adding new features and enhancements.

See [breaking changes](#) for this version.

Scatter plot widget

The [Scatter plot](#) widget has been added to dashboard widgets. It displays the relationship between two metrics by plotting individual data points along an X and Y axis. This helps reveal patterns, clusters, correlations, and outliers in the data set.



Scatter plot

100 %

80 %

60 %

40 %

20 %

■ fr-paris-08: Memory utilization: 35.88 %

■ fr-paris-08: CPU utilization: 42.77 %

2026-02-03 03:30:00 PM - 2026-02-03 04:00:00 PM

■ fr-paris-08: Memory utilization: 35.41 %

On this page ^

- 2 What's new in Zabbix 8.0
- Scatter plot widget
- Y-axis inversion for the Graph widget
- Templates
- New templates
- Updated templates
- Items
- JSON data type
- Type parameter for S.M.A.R.T disk discovery
- Plugins
- Ceph plugin
- MongoDB plugin
- Oracle plugin

Zabbix Cloud

ZABBIX'26

CONFERENCE

POLAND

Why Choose?



Maintenance free

Automatic upgrades

Automatic and on-request backups

Scale as you grow

Top security and compliance

No shared resources between nodes, full isolation

Automatic security patches

ISO certified, SOC2 certification is coming in 2026

Low total cost of ownership (TCO)

Fixed pricing, no hidden cost

Perfect solution for hybrid infrastructure



- Centralized data collection
- Alerting
- Visualization
- Storage

↗
Zabbix Proxies for distributed and edge monitoring
↖

On-premise



Cloud

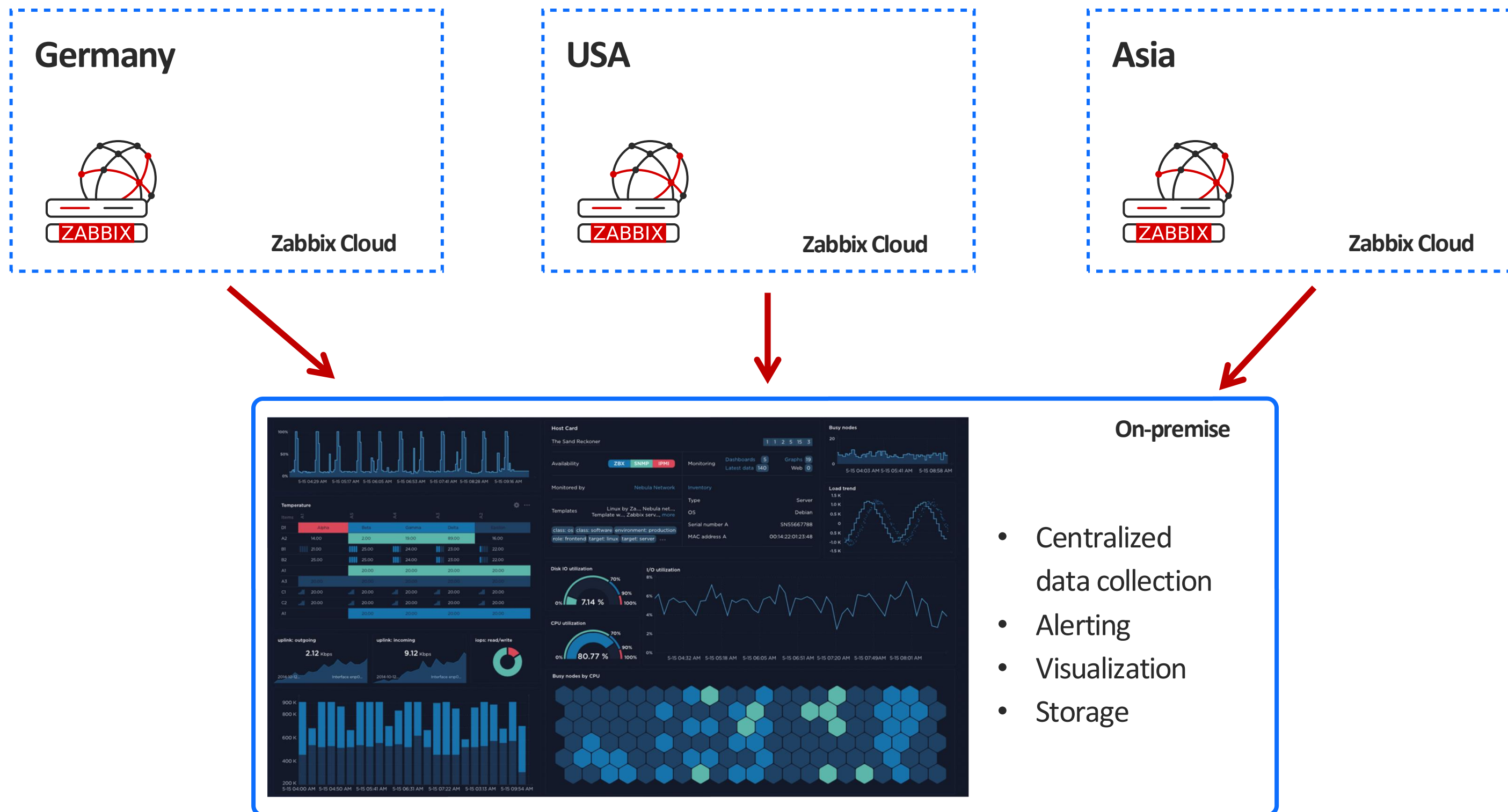


Edge monitoring, factory automation, IoT, sensor data



Geo-distributed remote monitoring with proxies

Zabbix Proxies in Zabbix Cloud for geo-distributed monitoring

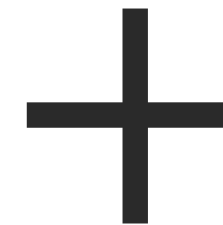
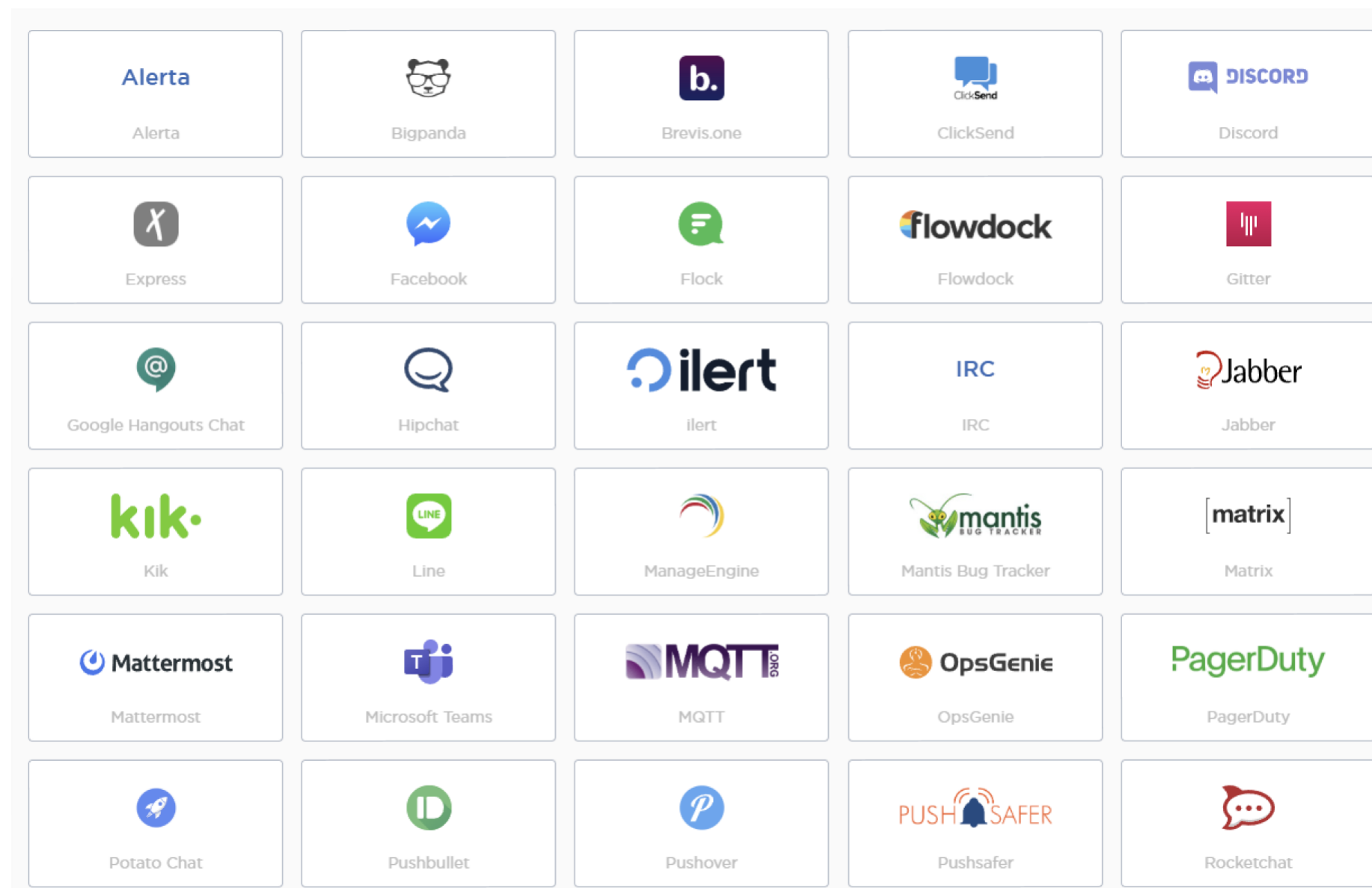


- Centralized data collection
- Alerting
- Visualization
- Storage

Try it now! Free limited time trial node.

cloud.zabbix.com


Typical setup



Zabbix UI

Notifications

How to maintain peace of mind?

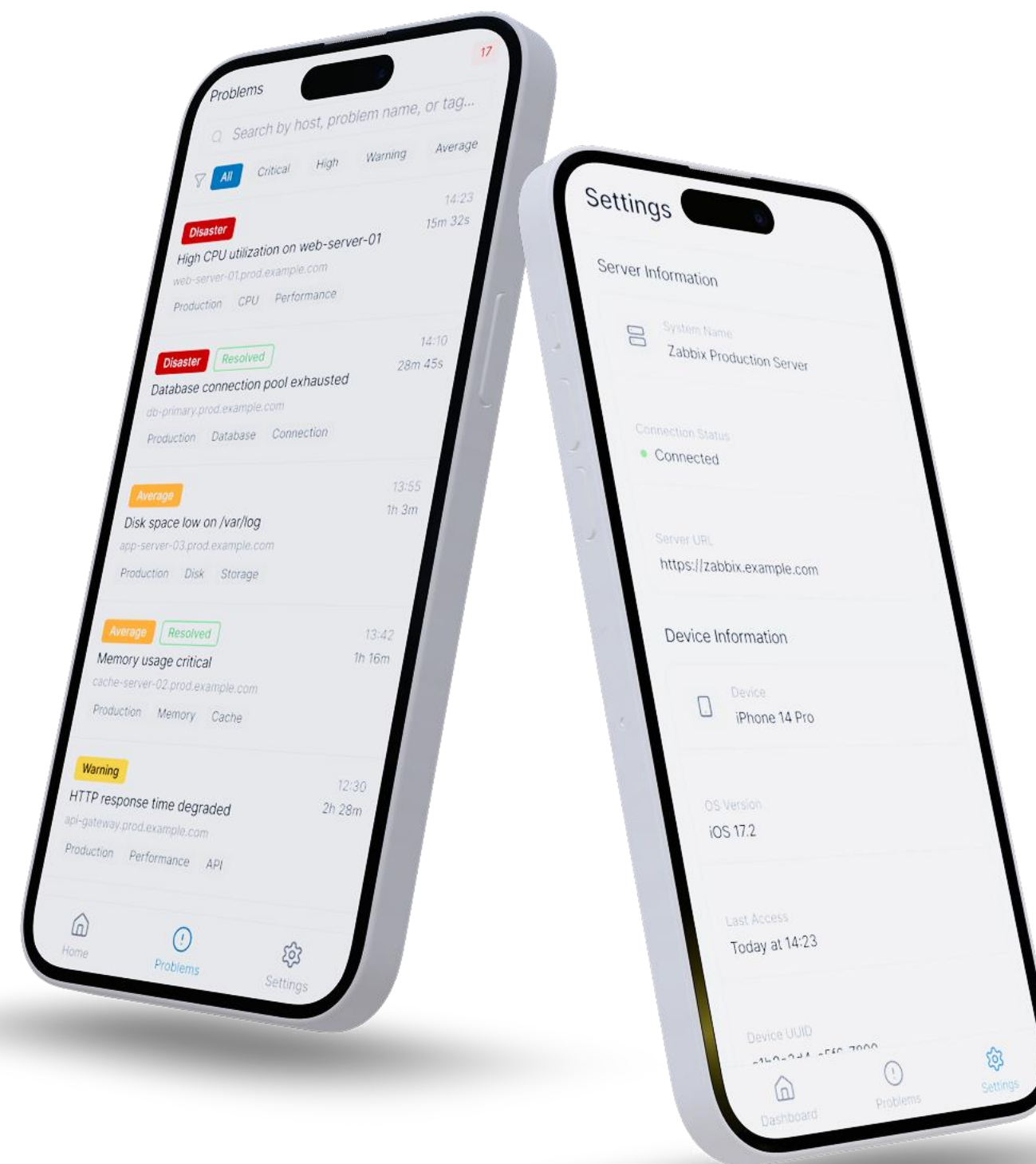


I don't want to miss any
any incidents affecting
affecting my business

Zabbix Mobile App for
for the rescue!

Zabbix Mobile Application

- Aimed to end-users
 - Instant Push notifications
 - Problem management and collaboration
 - Aggregated view of multiple Zabbix Servers
- Servers (v2.0)
- **Seamless integration** with Zabbix and Zabbix Cloud
 - **Secure gateway!**



Coming together with Zabbix 8.0 LTS!


ZABBIX'26

CONFERENCE

POLAND

Zabbix Marketplace

What if Zabbix functionality is not enough?

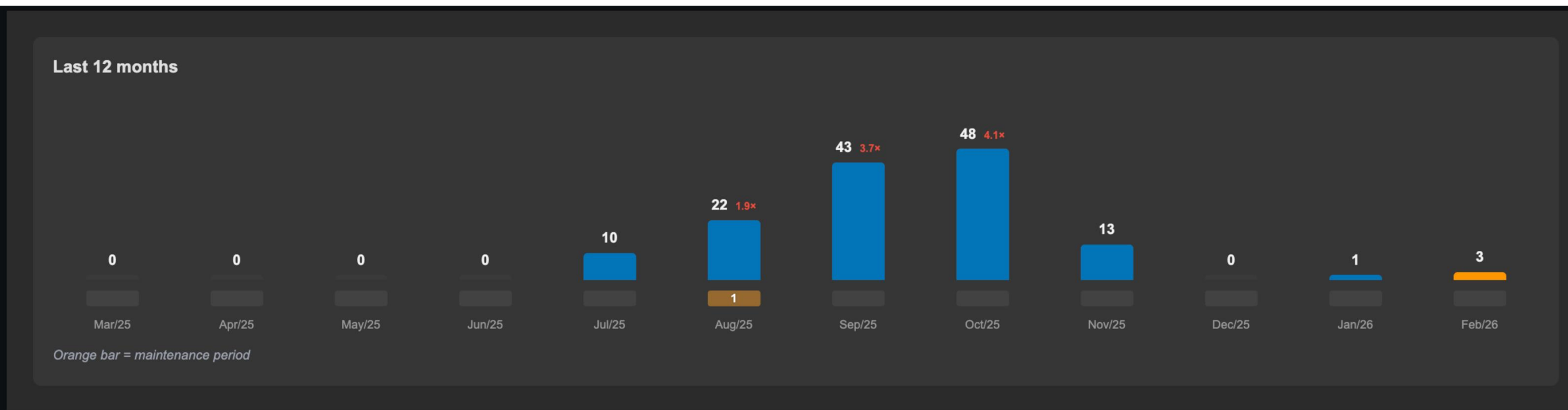


Zabbix does not support
support this functionality.
functionality.
What should I do?



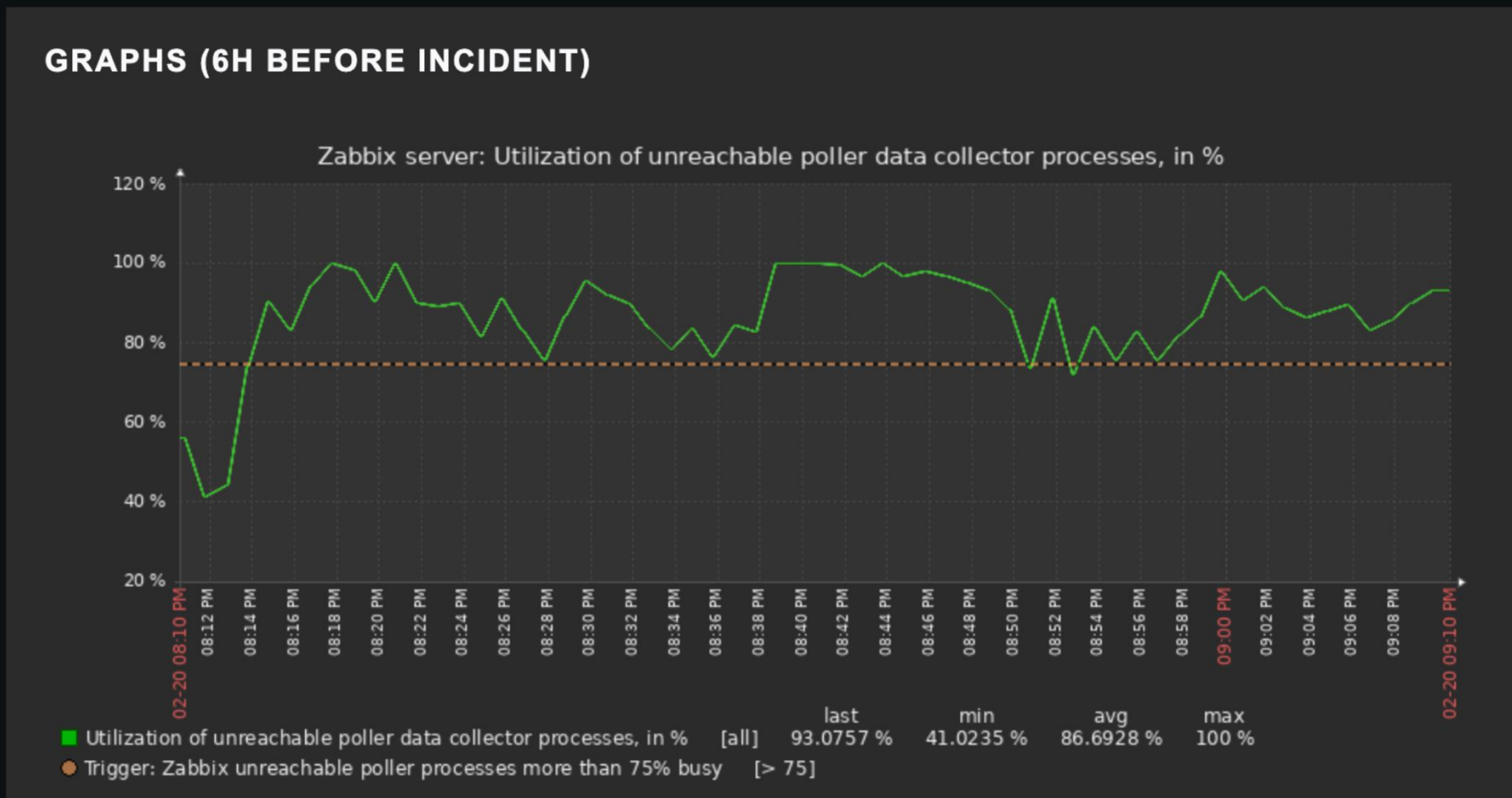
Zabbix is an Open Source
product! Extend it!

So many solutions are already available!



Key insights


- Groups ? Trial, Zabbix servers
- Peak ? Fri 12 pm
- 12 months ? 140
- Dashboard ? [Open host dashboard](#)
- This month ? 3 ↑200%
- Critical 40% ? 12 pm - 4 pm
- Trigger ? avg(/Zabbix server/zabbix[process,unreachable poller,avg,...
- Action ? Incidents on weekdays — possible correlation with business load.



So many solutions are already available!

The screenshot displays the Zabbix Network Topology v6 interface. On the left is a dark sidebar with navigation options: Dashboards, Monitoring (Problems, Hosts, Latest data, Maps, Discovery, Network Topology, Network Topology v6), Services, Inventory, Reports, Data collection, Alerts, Users, Administration, Support, Integrations, Help, User settings, and Sign out. The main content area is titled "Network Topology" and features a search bar for "Host groups" with a "Select" button and a "Clear selection" button. Below this are "Apply" and "Reset" buttons. A toolbar contains various controls: "Technical", "Management", "Hierarchical", "Hide labels", "Fullscreen", zoom in/out, "Dark", "Fit", "Layout", "Auto: 30s", "LLDP: on", "Link", "X Links", "Mail", and status indicators for "OK", "Info", "Warn", "Avg", and "High". A "Search host..." input is also present. The network diagram consists of 18 nodes, each represented by a circular gauge with a server icon and a red number indicating a count. The nodes are arranged in a grid with some connections. A dashed blue line connects a node with a count of 6 to a node with a count of 16. Another dashed blue line connects a node with a count of 16 to a node with a count of 2. A small inset window in the bottom right corner shows a simplified version of the network topology.

So many solutions are already available!

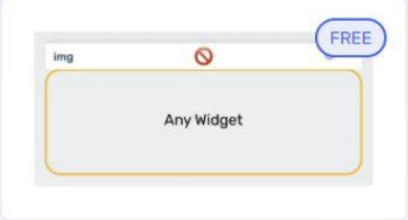


Custom menu buttons

ZABBIX Module

This module enables creation of custom navigation menu buttons and groups with user-defined URL links, allowing for personalized interface navigation.

[→](#)

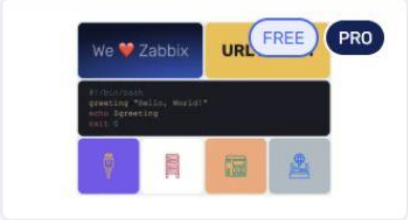


Hide widget header

ZABBIX Module

This module prevents widget headers from being displayed when dashboards are not in edit mode, improving visual clarity and user experience.

[→](#)

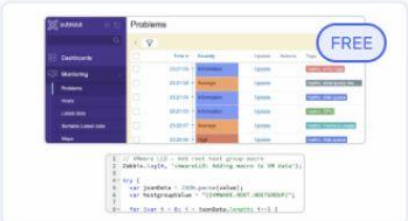


headerMAX

ZABBIX Widget

Zabbix widget that allows users to create section headers, embed images, or add buttons with customisable URL links in the dashboard UI.

[→](#)




uxMAX

ZABBIX Module

Zabbix widget that allows users to create section headers, embed images, or add buttons with customisable URL links in the dashboard UI.

[→](#)




AI Problem Diagnostic Assistant

ZABBIX Module

This AI-powered module helps Zabbix users identify and resolve system issues by analyzing data and suggesting potential solutions.

[→](#)



AI Preprocessing Assistant

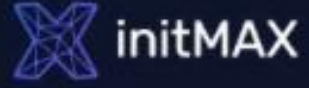
ZABBIX Module

This AI-powered module helps Zabbix users design optimal preprocessing steps by suggesting appropriate data transformation sequences based on provided requirements.

[→](#)

Problem

Zabbix agent is not available (for 3m) ? AI Assistant



INTERPRETATION OF THE PROBLEM

The event indicates that the Zabbix agent on the host zabbix.intevia.cloud is not available for the last 3 minutes.

POTENTIAL IMPACT IF NOT ADDRESSED

Critical monitoring data from the host may be unavailable, affecting overall system monitoring and alerts.

SUGGESTED SOLUTIONS OR TROUBLESHOOTING STEPS

Check Agent Status on Host: Ensure that the Zabbix agent service is running on the host. You can do this by executing `systemctl status zabbix-agent` on the host.

Network Connectivity: Verify that the host zabbix.intevia.cloud is reachable from the Zabbix server. Use ping or traceroute to check connectivity.

Firewall and Security Groups: Ensure that TCP port 10050 (default port) is open for inbound traffic to the Zabbix agent.

Agent Configuration: Confirm that the `zabbix_agentd.conf` configuration file on the host has the correct `Server` parameter pointing to your Zabbix server.

ADDITIONAL QUESTIONS

Have there been any recent changes to the network or firewall settings?

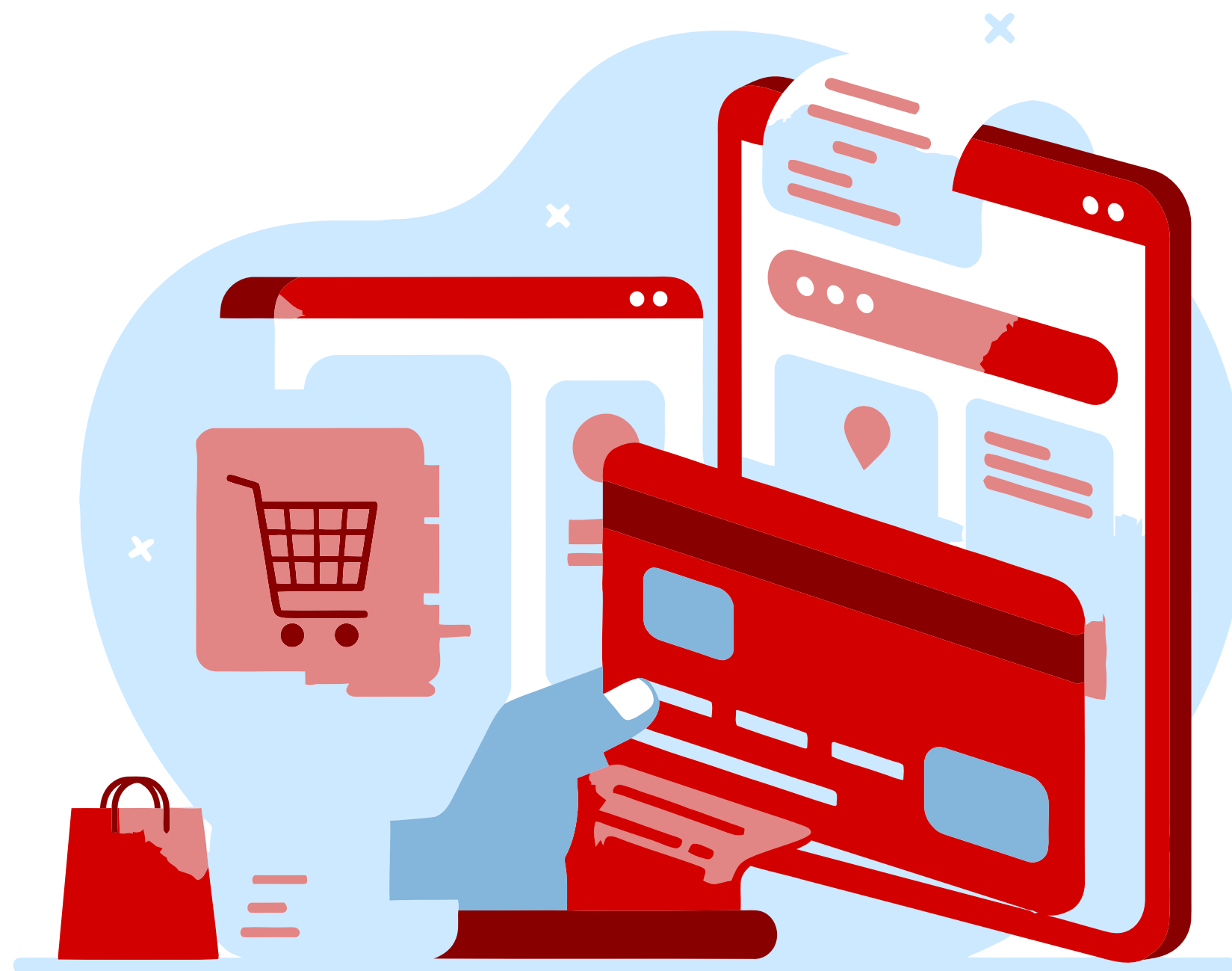
Is the issue persistent, or does the agent become available intermittently?

By following these steps, you should be able to diagnose and potentially fix the issue of the Zabbix agent being unavailable.

Zabbix Global Marketplace: connecting vendor solutions with users!

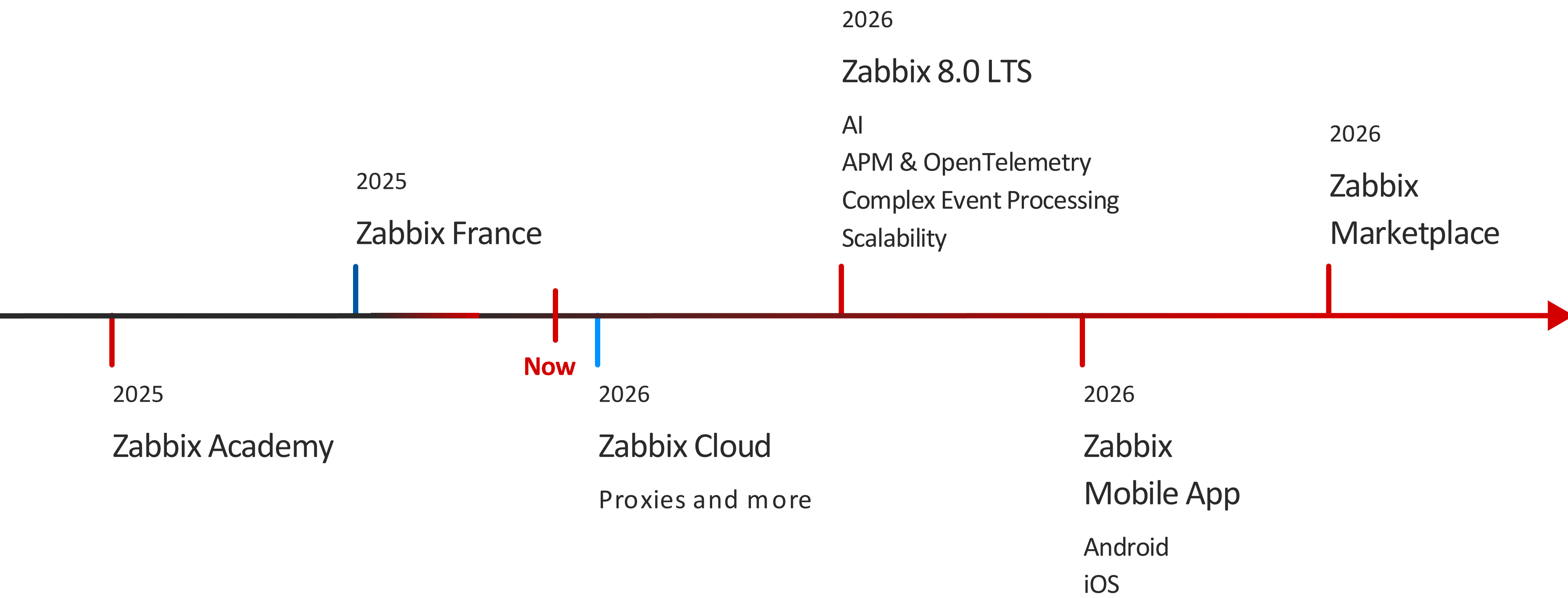
Solution

Zabbix Global Marketplace that gives visibility for Partner and 3rd party products



Coming in 2026

Where we are



Thank You!

ZABBIX'26

CONFERENCE

POLAND