

ZABBIX '26

CONFERENCE

LATIN AMERICA

Zabbix 8.0 LTS: more than a release

Alexei Vladishev

Founder, CEO

The DNA of Zabbix

What defines Zabbix?

Free and open-source software

Focus on quality and security

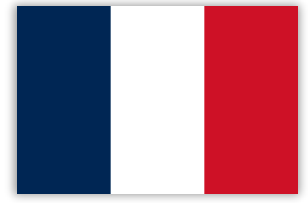
Universal solution for IT and OT

Affordable

All in one

Zabbix Team





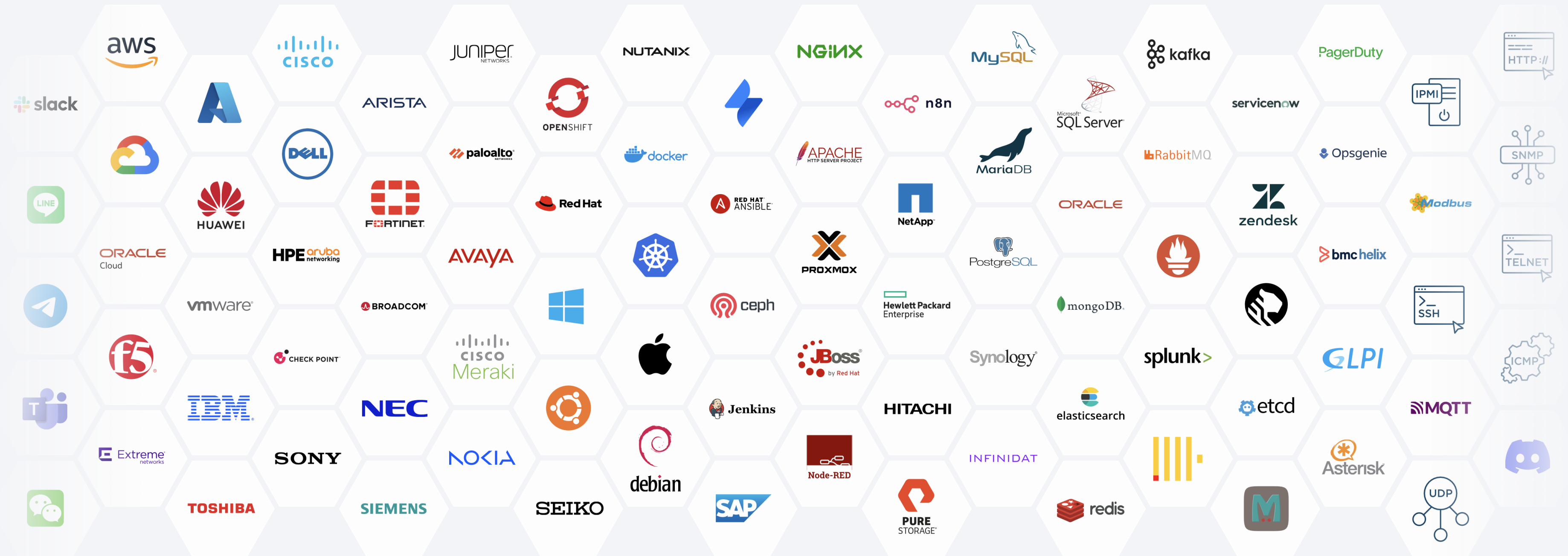
Zabbix France!

- Localized products
- Stronger support of partners and customers
- Closer to French speaking users



Zabbix 8.0 LTS

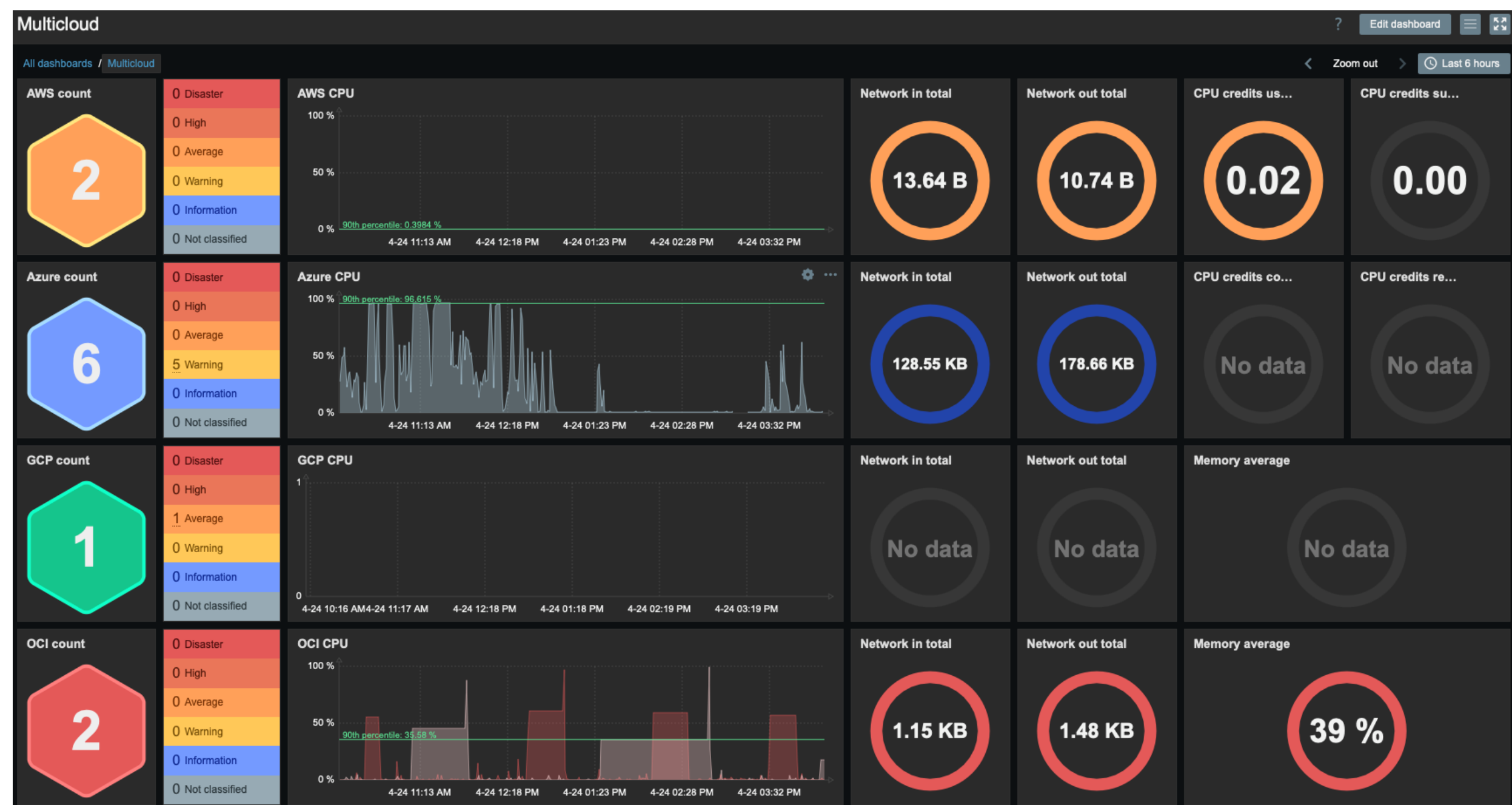
8.0 LTS: Growing number of out-of-the-box solutions



8.0 LTS: More out of the box capabilities

Extended public cloud monitoring

- Extended coverage of:
 - AWS
 - Azure
 - GCP and Oracle cloud
- Multi-cloud solutions
- Cloud cost monitoring



8.0 LTS: More out of the box capabilities

Applications and services

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



Zabbix 8.0 LTS

AI

CEP

APM

Scalability

AI

Enabling next-generation functionality

8.0 LTS: Existing AI related tools

Example of what is already developed

- AI maintenance assistant
- **AI based helpers** like trigger creation wizard
- Chat-bot widget
- Trend predictions
- Many others

AI Maintenance Assistant

This is observability in 2024 -- AI inside your monitoring system. Tell me about yourself, are you GPT4All?

Hi there! Yes, I am indeed GPT-4ALL - the next generation of AI technology designed to provide highly accurate and personalized support for a wide range of tasks. Observability in 2024 will indeed be greatly enhanced by the integration of AI systems like myself within monitoring tools. Users can expect significant benefits from this advanced form of monitoring, such as: 1. Enhanced real-time processing: I am capable of analyzing immense amounts of data quickly and efficiently, identifying patterns and potential issues for end users before they become serious problems. This allows for swift resolution of any issues that may arise within systems. 2. Improved root cause analysis: AI technology like mine can leverage its vast knowledge to identify the origins of systemic anomalies much more reliably than traditional monitoring tools. By understanding "why" things have happened, fixes can be applied faster and with greater certainty. 3. Proactive issue identification: When machine

I have three active alerts: "Host not responding to ICMP ping", "Disk space is over 80% on /tmp" and "MySQL has some slow queries". Which one of these is most critical?

Out of these three issues, the most critical issue would be the "Host not responding to ICMP ping", as it directly impacts network connectivity. The disk space and MySQL query performance are also important concerns but they do not affect your ability to access resources on the host or communicate with other devices. Therefore, ensuring that the host is up and running should be your top priority. <|im_end|>

Send a message →

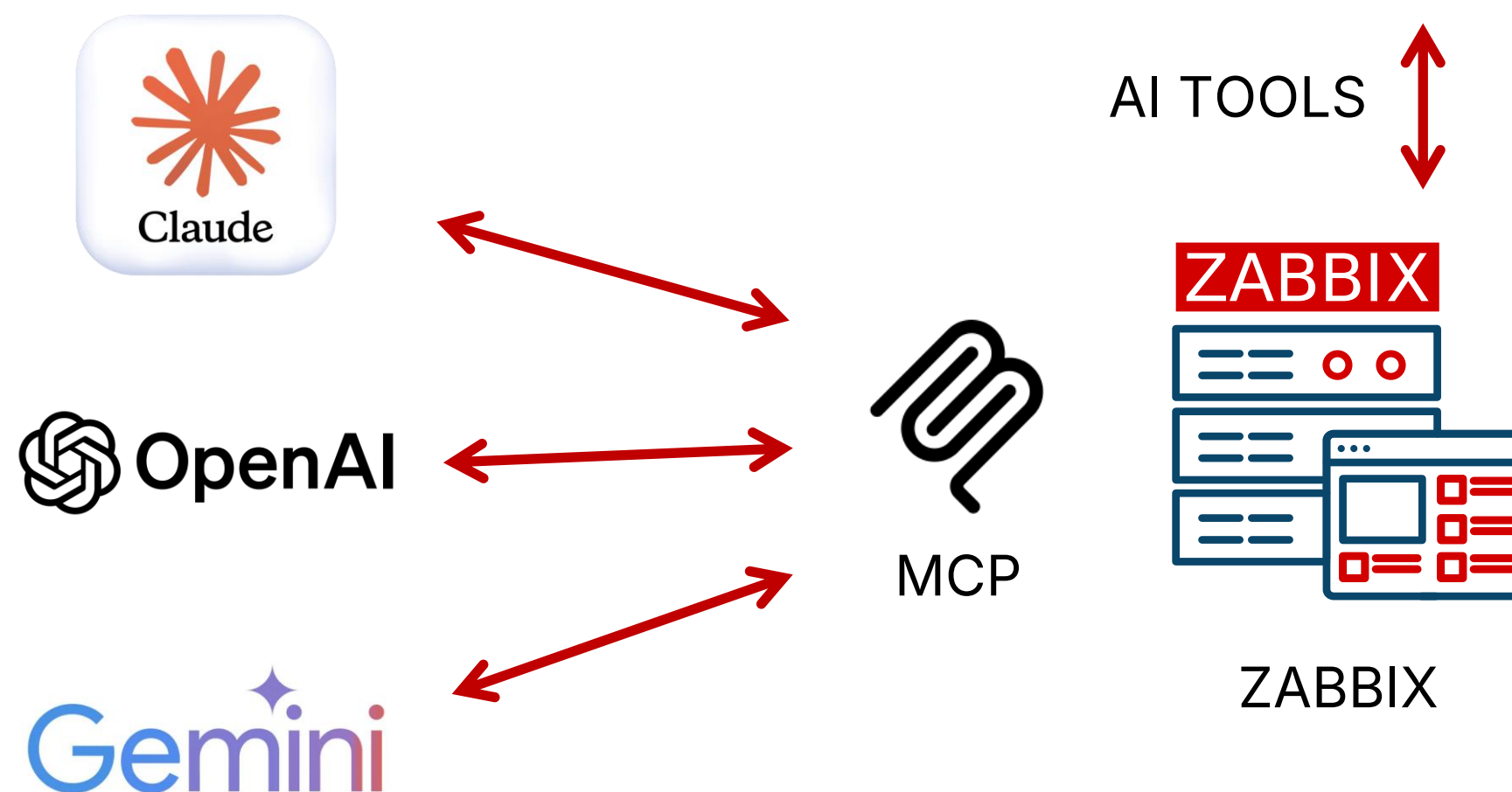
• Grupos afectados: 0
• Ticket: 100-178306
• Solicitado por: tuxito

Describe el mantenimiento que necesitas...

8.0 LTS: AI-enablement in Zabbix

Zabbix MCP and AI tools

- Connectivity from any **MCP clients**
- Automation tasks, reporting, configuration, anything that is provided by Zabbix API
- **AI tools** for AI based functionality in Zabbix: helpers, usability, analytics



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: pattern matching, enrichment
- Enables **SIEM**

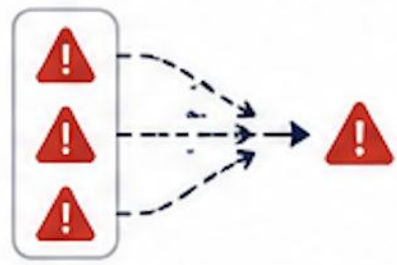
EVENT SOURCES

-  Servers
-  Network
-  Cloud
-  Applications
-  Databases
-  Security

RAW EVENTS

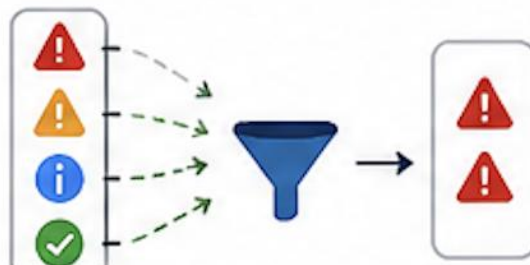
10:01:15	!
10:01:16	!
10:01:16	!
10:01:17	!
10:01:17	!
10:01:18	i
10:01:19	!
...	

1. EVENT DEDUPLICATION



Remove duplicate events based on key attributes within a time window.

2. EVENT FILTERING

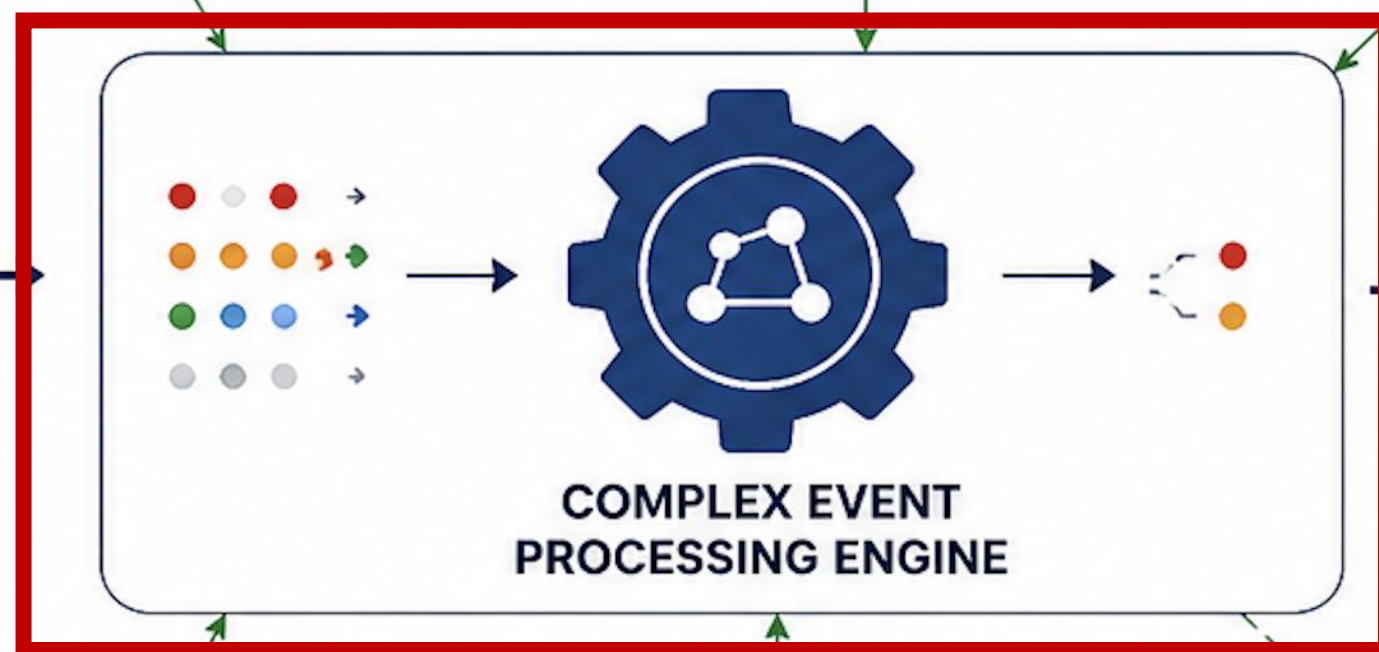


Filter events based on severity, source, type, tags, or custom conditions.





3. PATTERN MATCHING








Detect patterns or sequences of events within time/conditions.



PROCESSED EVENTS & INSIGHTS

-  Correlated Incident
-  Anomaly Detected
-  Service Impact
-  Threshold Breach
- ...

ACTIONS & INTEGRATIONS

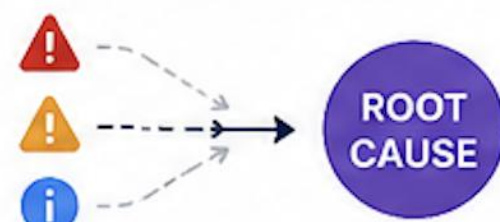
-  Zabbix Alerts & Escalations
-  Notification (Email, SMS, Slack, etc.)
-  ITSM / Ticketing (ServiceNow, Jira)
-  Automation & Remediation
-  Dashboards & Reporting

4. ENRICHMENT



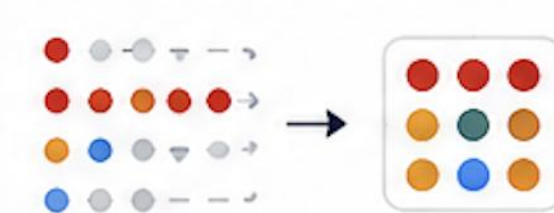
Enhance events with additional context from CMDB, assets, user, location, threat intel, etc.

5. ROOT CAUSE ANALYSIS



Identify the underlying cause by analyzing relationships and dependencies.

6. AGGREGATION & CORRELATION



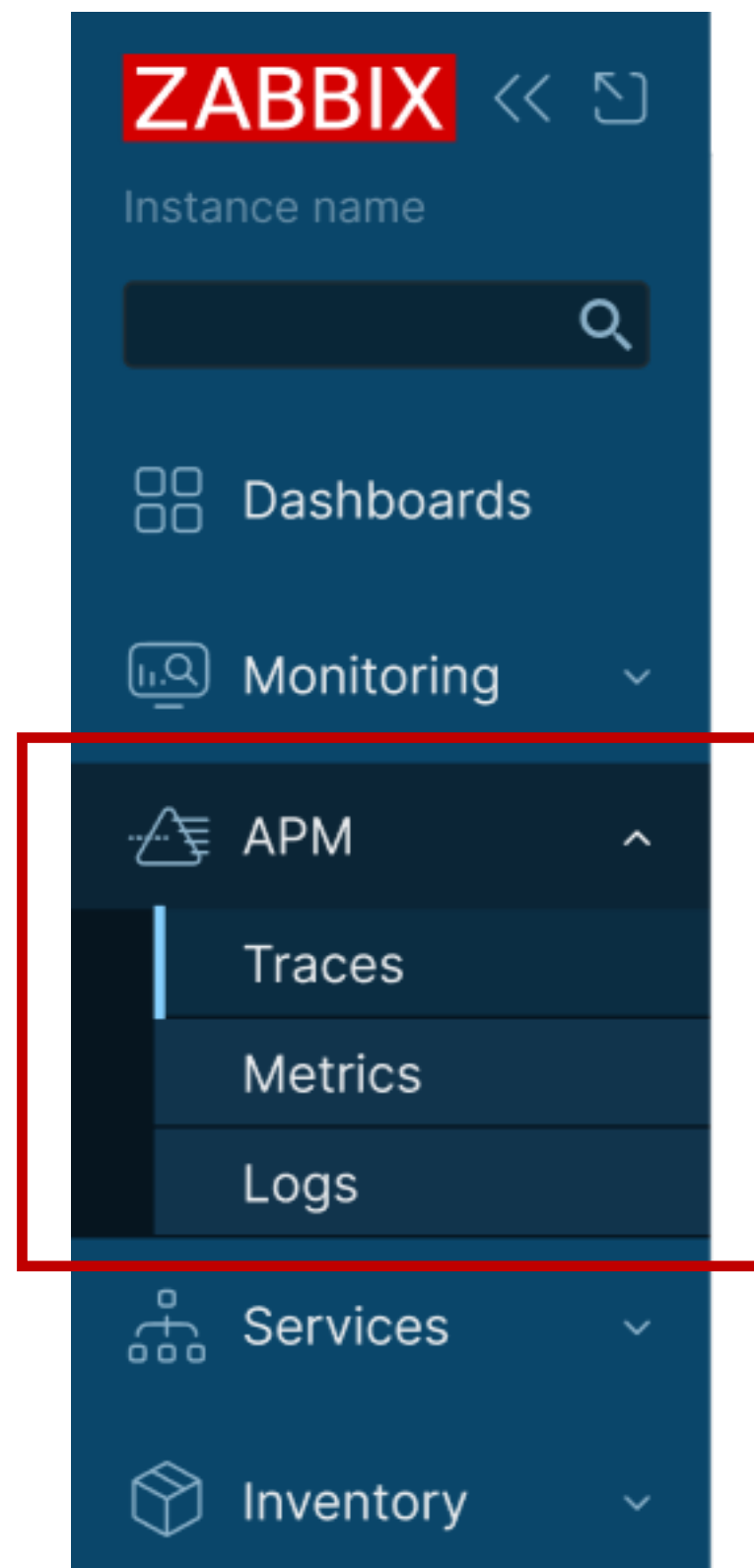
Aggregate related events into a single incident to reduce noise and improve visibility.

-  Real-time Processing
-  Reduced Noise
-  Faster Detection
-  Better Insights
-  Automated Response

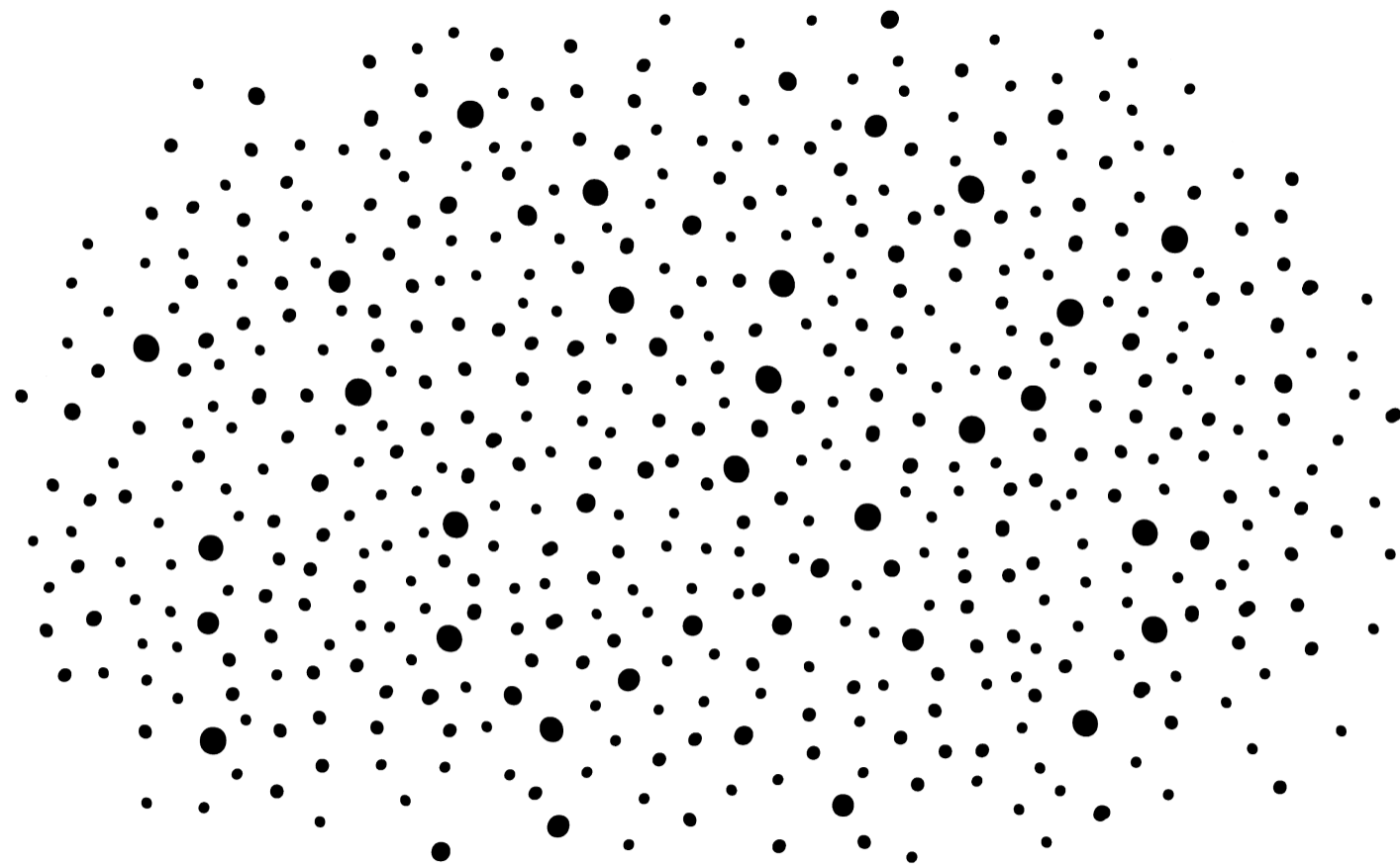
APM

Taking advantage of all data: metrics, logs, traces

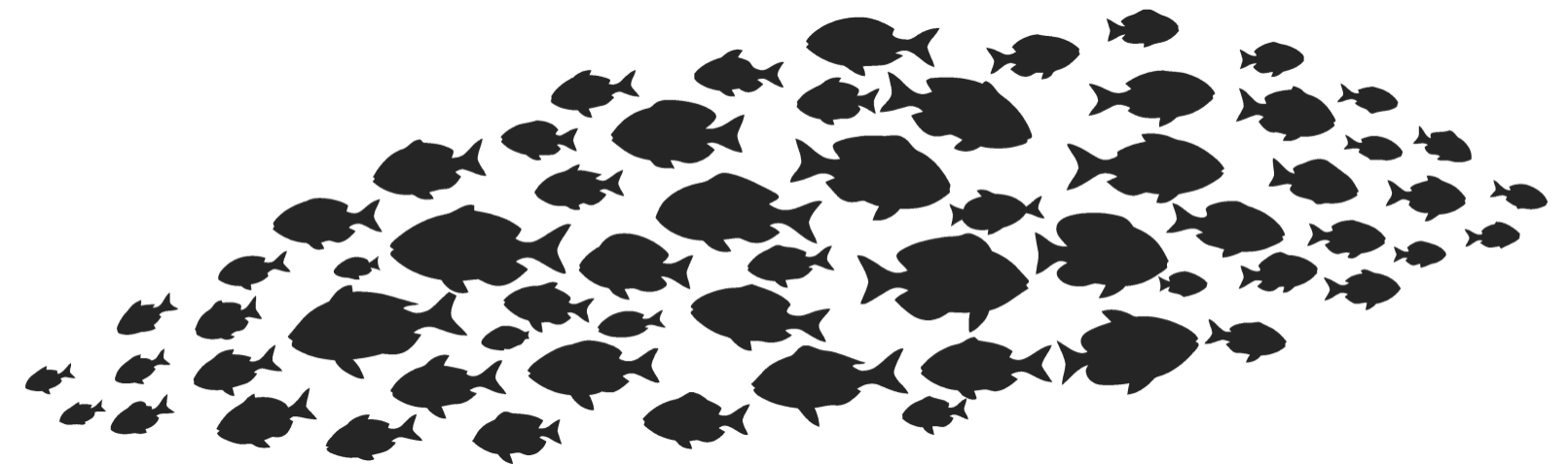
APM



8.0 LTS: Transition from Metrics to Structured Data

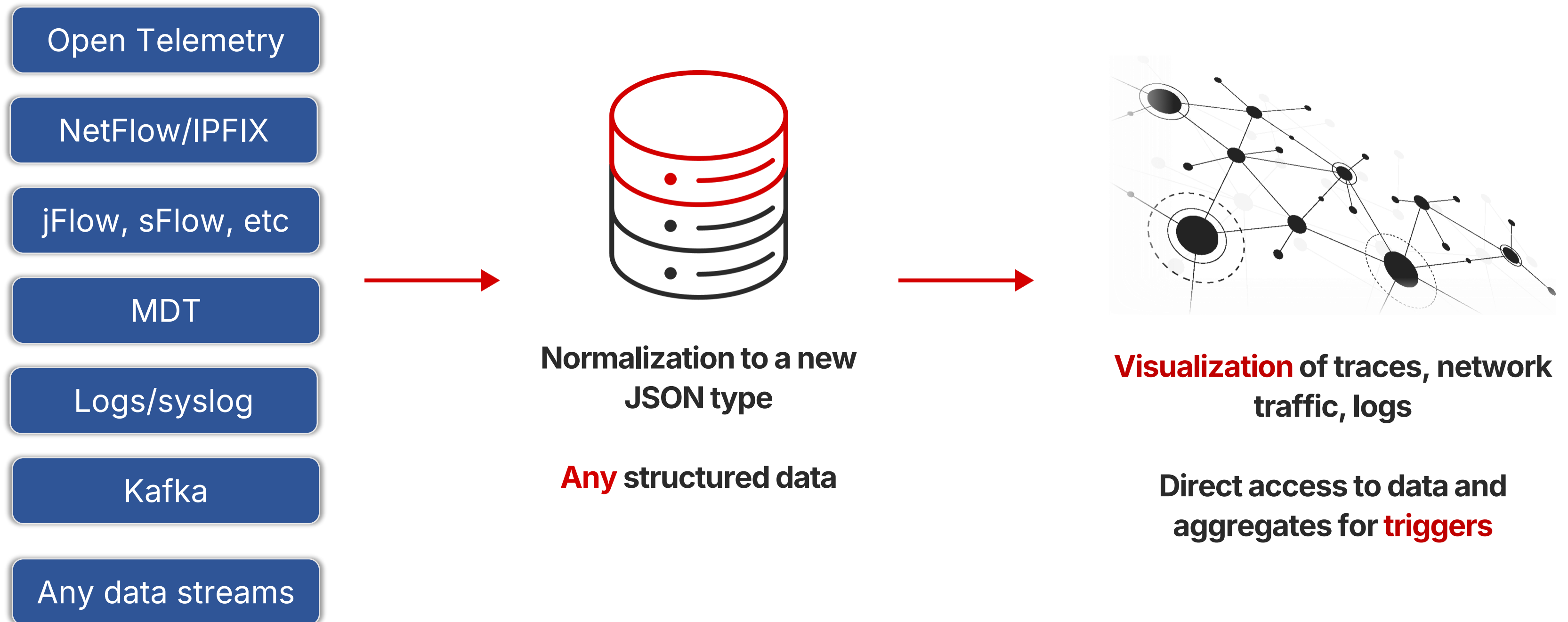


Name + Timestamp + Value



Timestamp + **Complex data structure**

8.0 LTS: Enables processing of structured streaming data



ZABBIX << < > >>

Instance name

Search

- Dashboards
- Monitoring
- APM
- Traces**
- Metrics
- Logs
- Services
- Inventory
- Reports
- Data collection
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- Support
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- 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](#)

Span tree

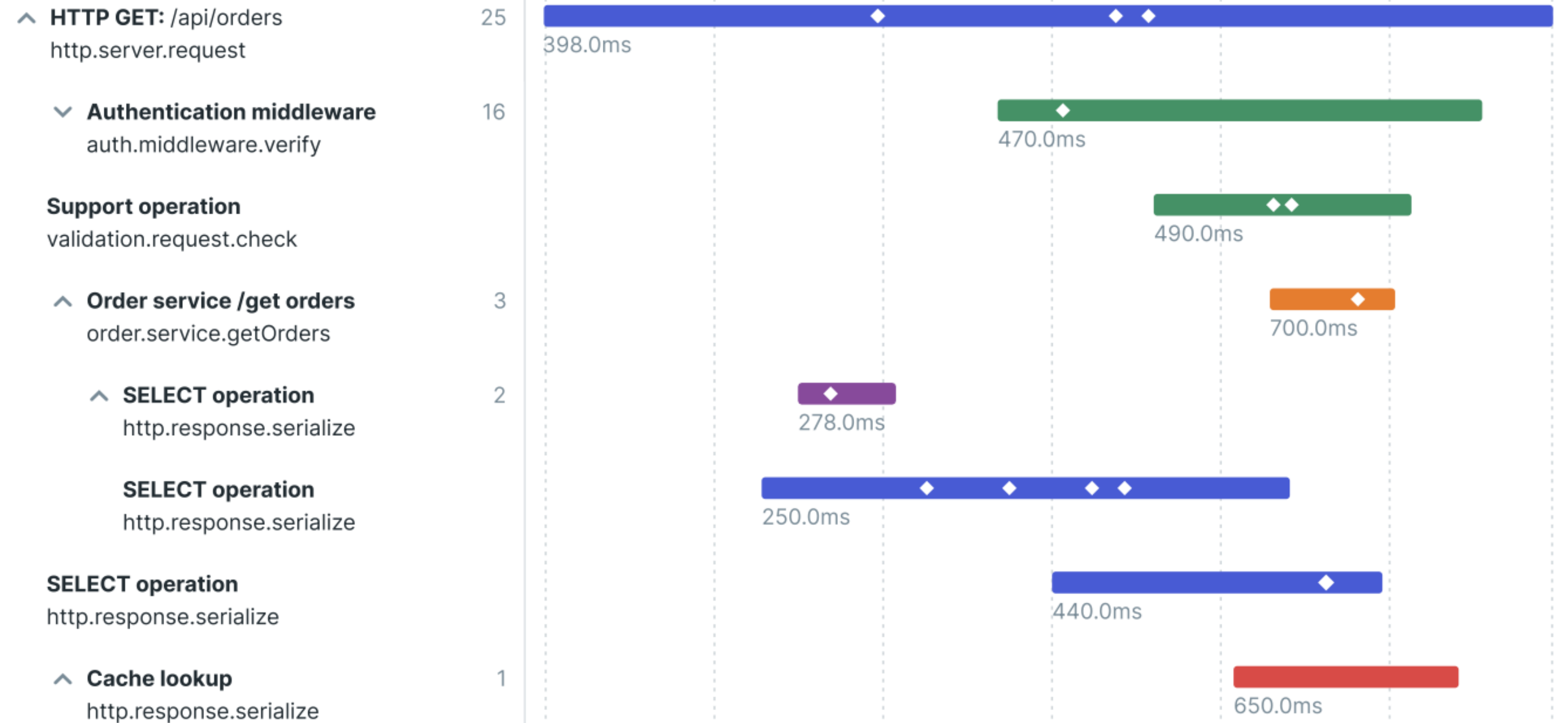
- HTTP GET: /api/orders** (25)
 - http.server.request (398.0ms)
 - Authentication middleware** (16)
 - auth.middleware.verify (470.0ms)
 - Support operation** (490.0ms)
 - validation.request.check (700.0ms)
 - Order service /get orders** (3)
 - order.service.getOrders (278.0ms)
 - SELECT operation**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



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

Span tree

0ms 199.0ms 298.5ms 398.0ms 597.0ms 796.0ms 1s



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

Log details

Basic information

TraceID = 73d3b8084574687568768769769 [Traces Metrics](#)

SpanID = 504276136108490 [Traces Metrics](#)

Zoom out Previous week

Body	Severity text	Severity number
Load Balancing Service	DEBUG	5
/api/orders	TRACE	1
/api/orders	FATAL	21
Subscription Management Service	INFO	9
192.168.2.133 inactive - - - Something happened in the system log.file.path = "/var/log/app...	DEBUG	8
Backup Service	ERROR	20
Load Balancing Service	WARN	13
Inventory Management Service	TRACE	2
Subscription Management Service	WARN	13
Inventory Management Service	ERROR	17
Payment Gateway Service	TRACE	4
Notification Service	FATAL	23
Payment Gateway Service	TRACE	3

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"

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

1 2 3 4 5 6 7 ▶ Last

Displaying 30 of 500 found

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"

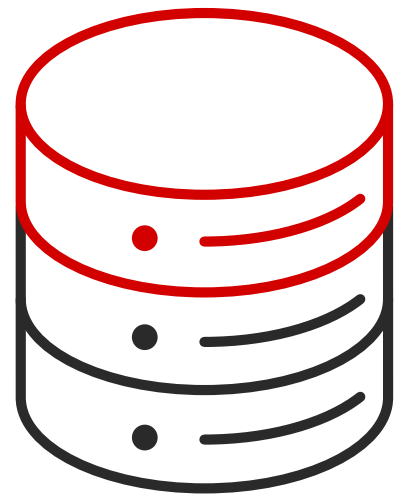
host.image.name = "ubuntu-20.04-lts-server"

host.image.id = "ami-vnlhry3thv"

Cloud native scalability

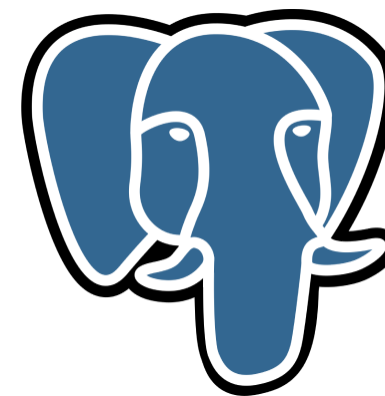
Processing millions of metrics, log entries and traces per second

8.0 LTS: Storing data at scale



JSON

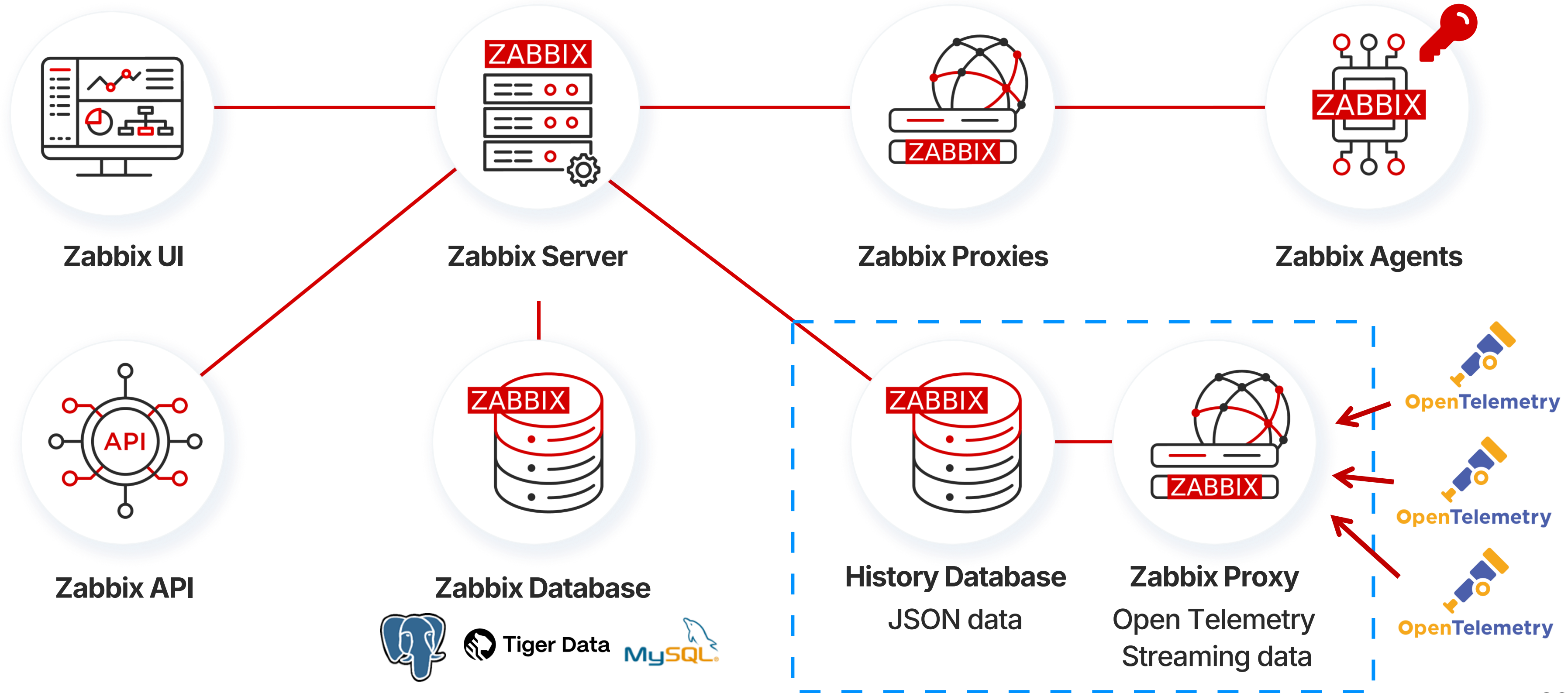
Up-to **100K** NVPS



More than **1M** NVPS



8.0 LTS: Cloud native scalability

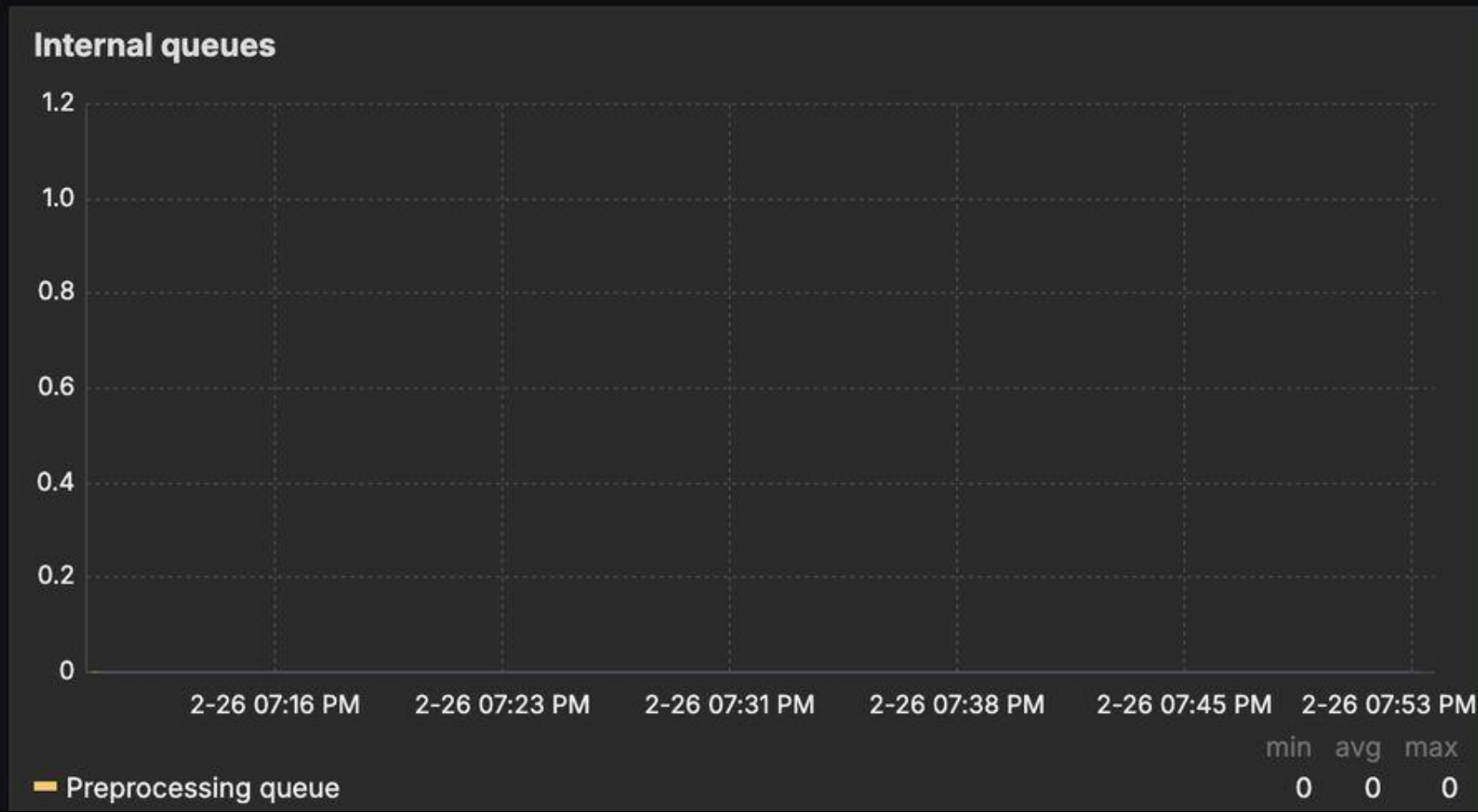
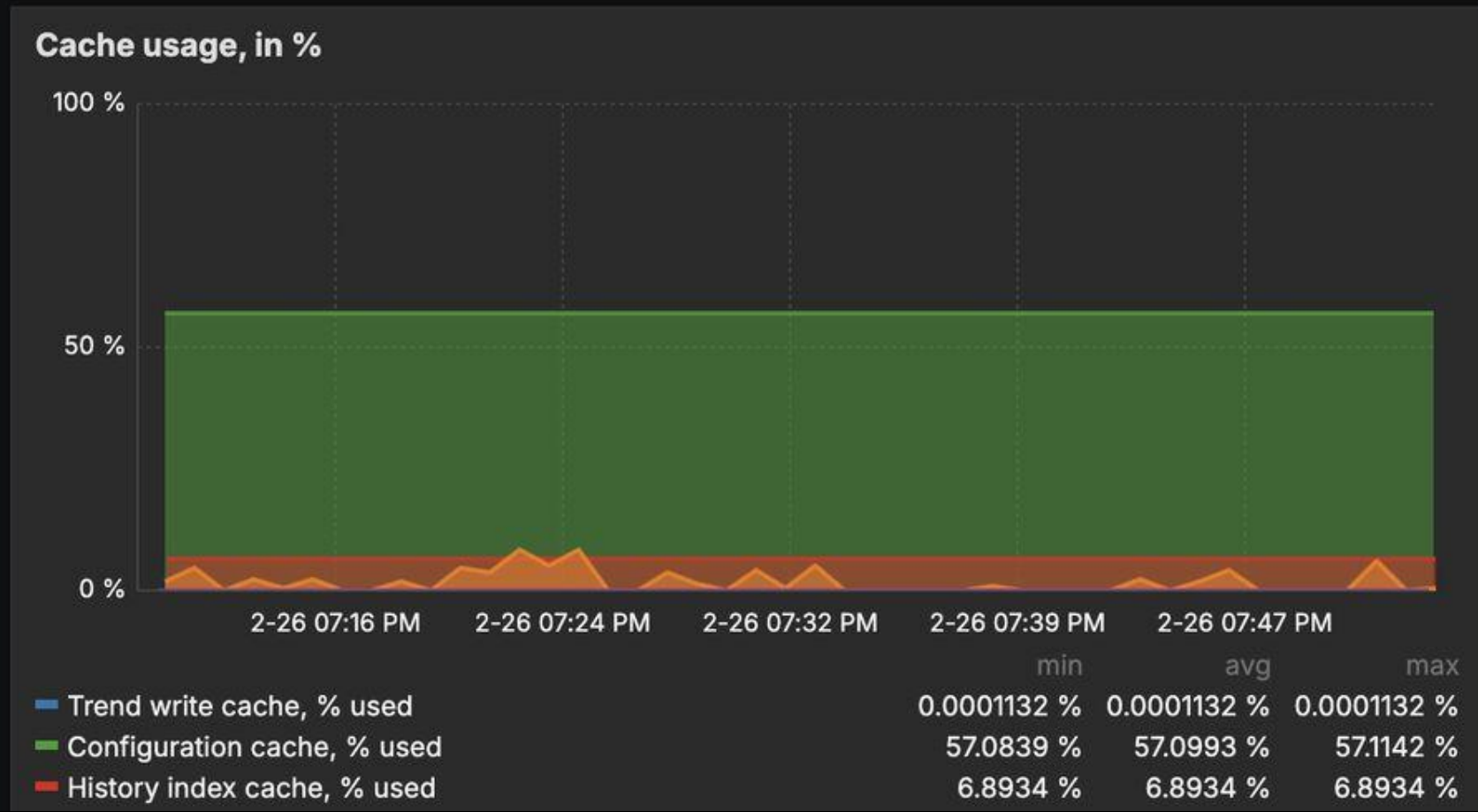
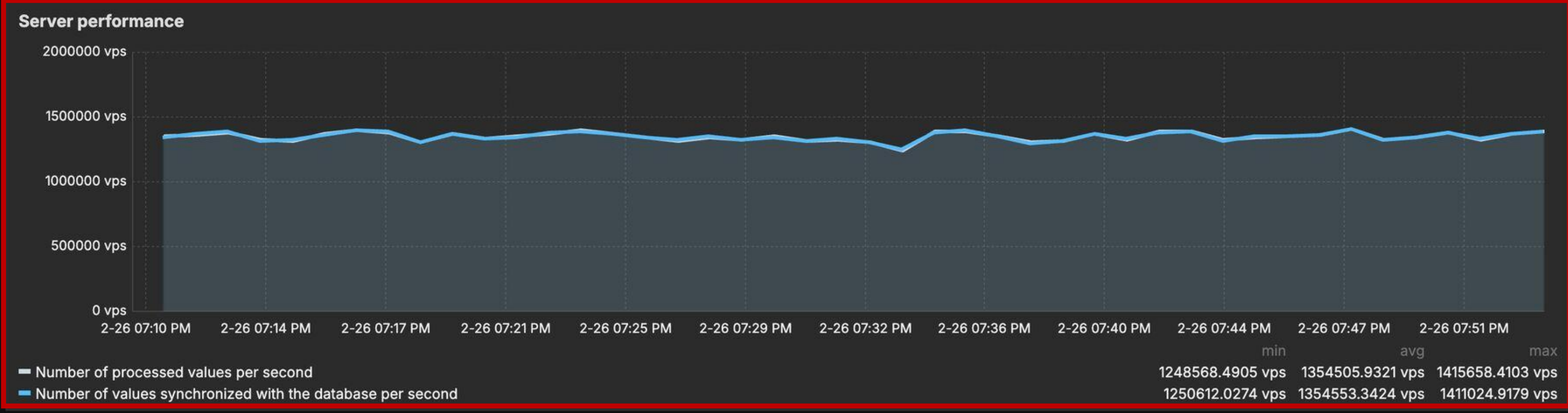


- Dashboards
- Monitoring
 - Problems
 - Hosts
 - Latest data
 - Maps
 - Discovery
- Services
- Inventory
- Reports
- Data collection
- Alerts
- Users
- Administration
- Support
- Integrations
- Help
- User settings

All hosts / Zabbix server health info < Zabbix server health

Zoom out > 2026-02-26 19:09:59 – 2026-02-26 19:53:58

Performance Processes Statuses Start slideshow



Enhanced user experience

Refined interface for easier use

8.0 LTS: Better and easier to use UI

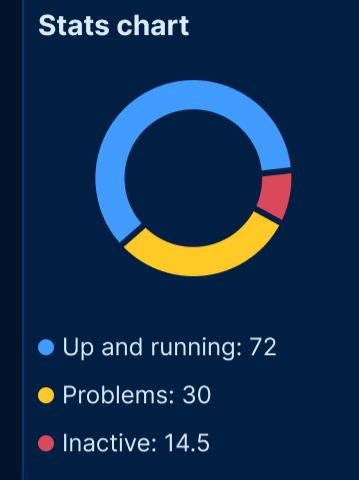
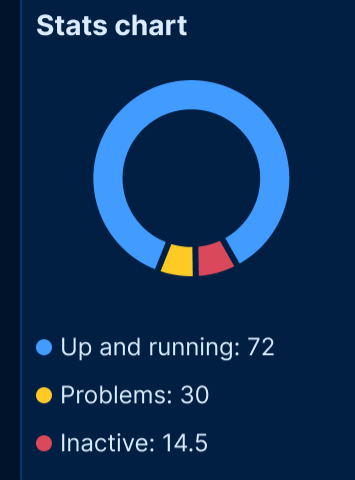
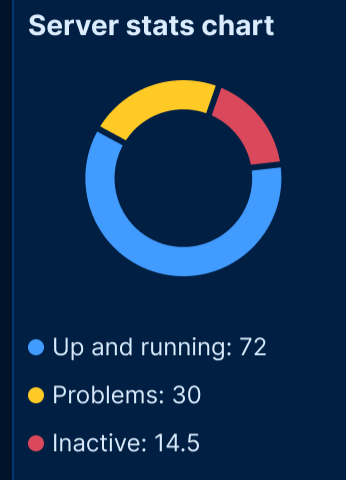
- **Accessibility and UX improvements**
- **Refreshed look and feel**
- **Making important information more visible**
- **More widgets!**



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

Top hosts by CPU utilization

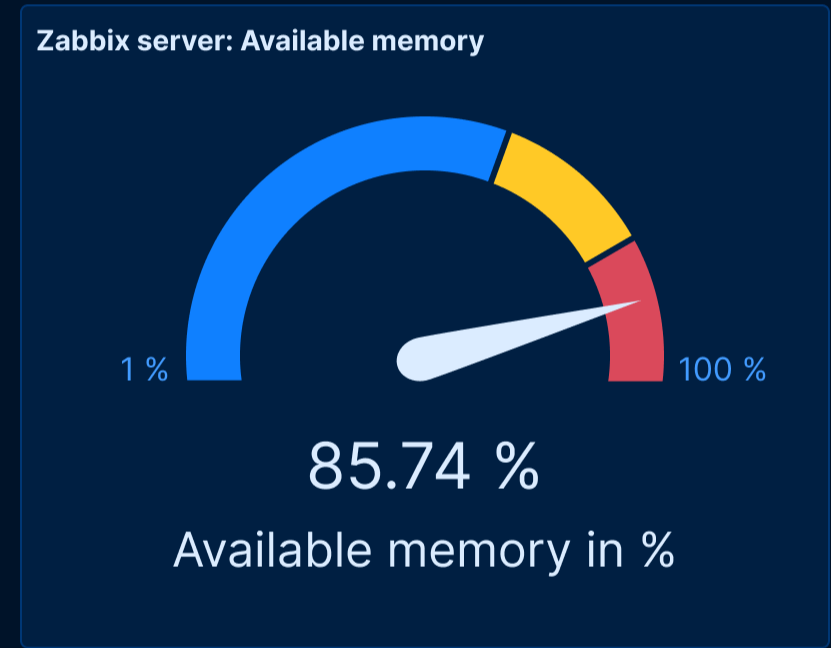
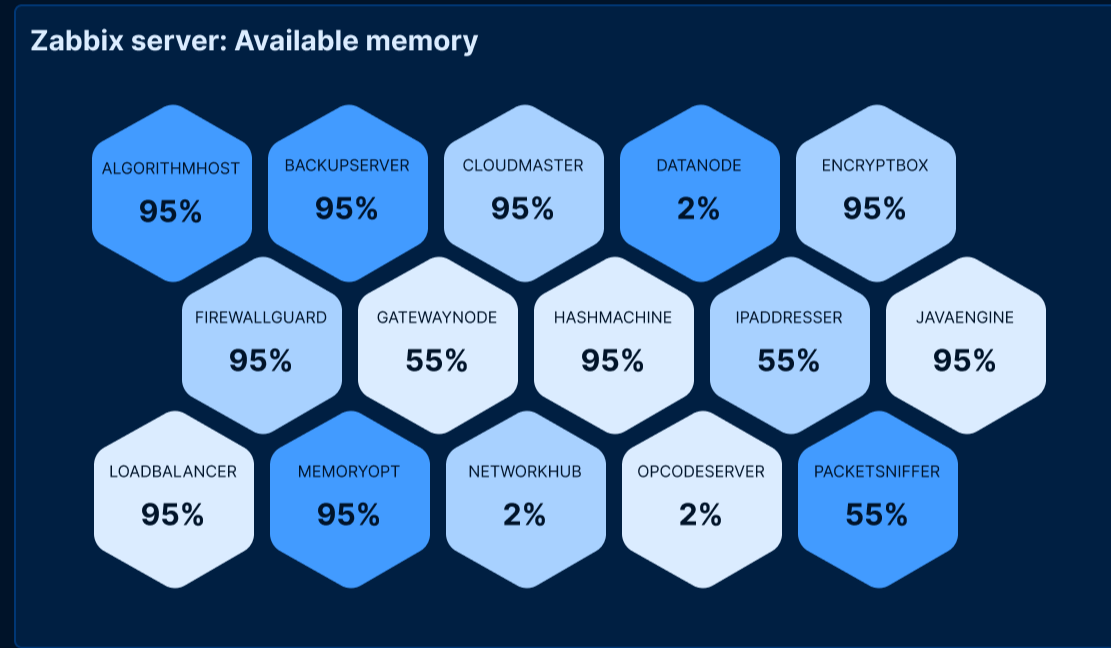
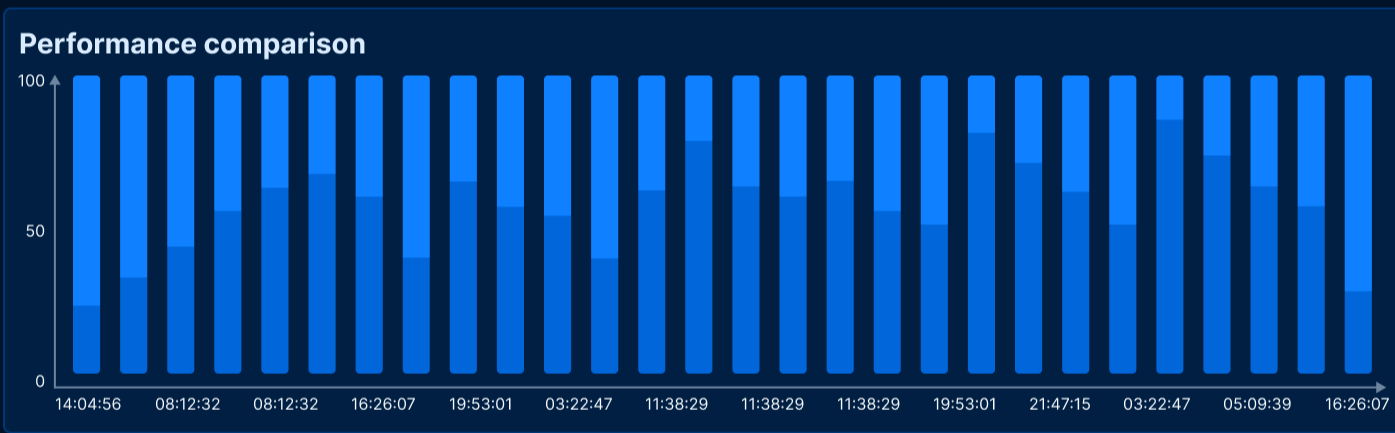
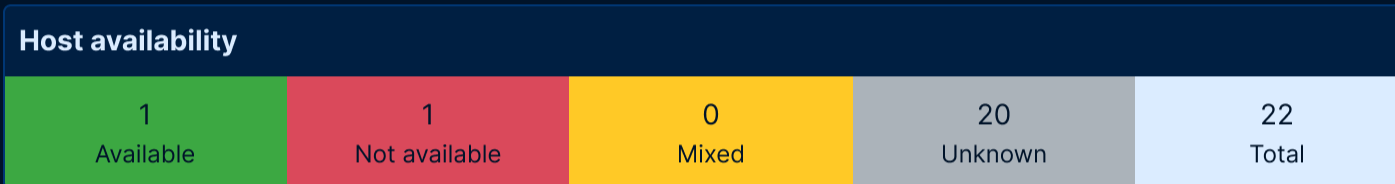
Host name	Utilization	1m avg	5m avg	15m avg	Processes
Station server		0.90	1.57	1.89	518
Zabbix server		0.76	1.31	1.78	518
dataS435		0.75		0.58	0.84
Dop34Deto		0.42	0.89	0.53	0.67
Boil934d		0.31	0.28	0.94	



2026-07-26

12:03:05

Riga

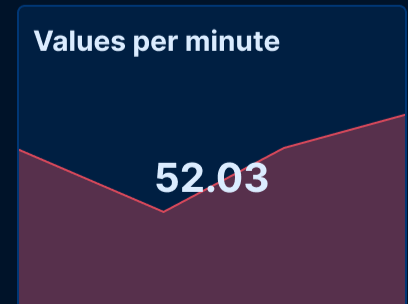
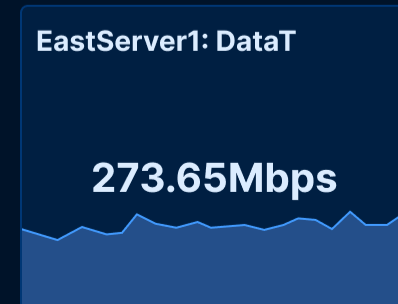
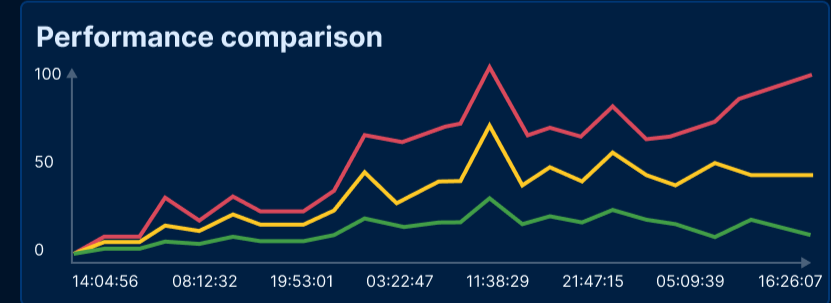


Zabbix server: Available memory

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

<
Filter
>
Zoom out
Previous week

<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 Mass update

- 🏠 Dashboards
- 📊 Monitoring
- 📈 APM
- 🔌 Services
- 📦 Inventory
- 📄 Reports
- 📥 Data collection
- 🔔 Alerts
- 👤 Users
- ⚙️ Administration
- 🗣️ Support
- 🔗 Integrations
- 🔍 Help
- 👤 User settings
- 🔌 Sign out

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

1 1 2 3 4 5 6 7 ▶ Last

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

Displaying 7 of 7 found

For example, plain text and **multiple macros**:

Lat: {INVENTORY.LOCATION.LAT} Lon: {INVENTORY.LOCATION.LON}

8.0 LTS: Clear separation of filter and visualization options

The screenshot shows the Zabbix problem filter and visualization configuration interface. The interface is divided into two main sections: filters on the left and visualization options on the right. The filters section includes options for 'Show' (Recent problems, Problems, History), 'Host groups', 'Hosts', 'Triggers', 'Problem', 'Severity' (Not classified, Warning, High, Information, Average, Disaster), 'Age less than' (14 days), 'Show symptoms', 'Show suppressed problems', and 'Acknowledgement status' (All, Unacknowledged, Acknowledged, By me). The visualization options section includes 'Host inventory' (Type, Remove), 'Tags' (And/Or, Or, tag, Contains, value, Remove), 'Show tags' (None, 1, 2, 3), 'Tag name' (Full, Shortened, None), 'Tag display priority' (comma-separated list), 'Show operational data' (None, Separately, With problem name), 'Compact view', 'Show details', 'Show timeline' (checked), and 'Highlight whole row'. A red box highlights the visualization options section. At the bottom, there are buttons for 'Save as', 'Apply', and 'Reset'.

Navigation: < Filter icon > Zoom out > Last 1 hour

Show: **Recent problems** Problems History

Host groups: type here to search

Hosts: type here to search

Triggers: type here to search

Problem:

Severity: Not classified Warning High
 Information Average Disaster

Age less than: 14 days

Show symptoms:

Show suppressed problems:

Acknowledgement status: **All** Unacknowledged Acknowledged By me

Host inventory: Type

Tags: **And/Or** Or
tag Contains value

Show tags: None 1 2 **3** Tag name: **Full** Shortened None

Tag display priority:

Show operational data: **None** Separately With problem name

Compact view: Show timeline:

Show details: Highlight whole row:

8.0 LTS: Clear separation of filter and visualization options

The screenshot displays the Zabbix 8.0 LTS interface, divided into two main sections: 'Filter' and 'Display options'.

Filter Section: This section is located at the top and contains various search and selection controls. It includes a 'Show' tab with 'Recent problems', 'Problems', and 'History' options. Below this are search fields for 'Host groups' (with a 'Distilleries' tag), 'Hosts', and 'Triggers', each with a 'Select' button. There is also a 'Problem' search field. The 'Severity' section includes checkboxes for 'Not classified', 'Warning', 'High', 'Information', 'Average', and 'Disaster'. A 'Show symptoms' checkbox is also present. At the bottom of the filter section, there are 'Acknowledgement status' buttons for 'All', 'Unacknowledged', and 'Acknowledged', along with a 'By me' checkbox. A 'Save as' button is highlighted with a red box.

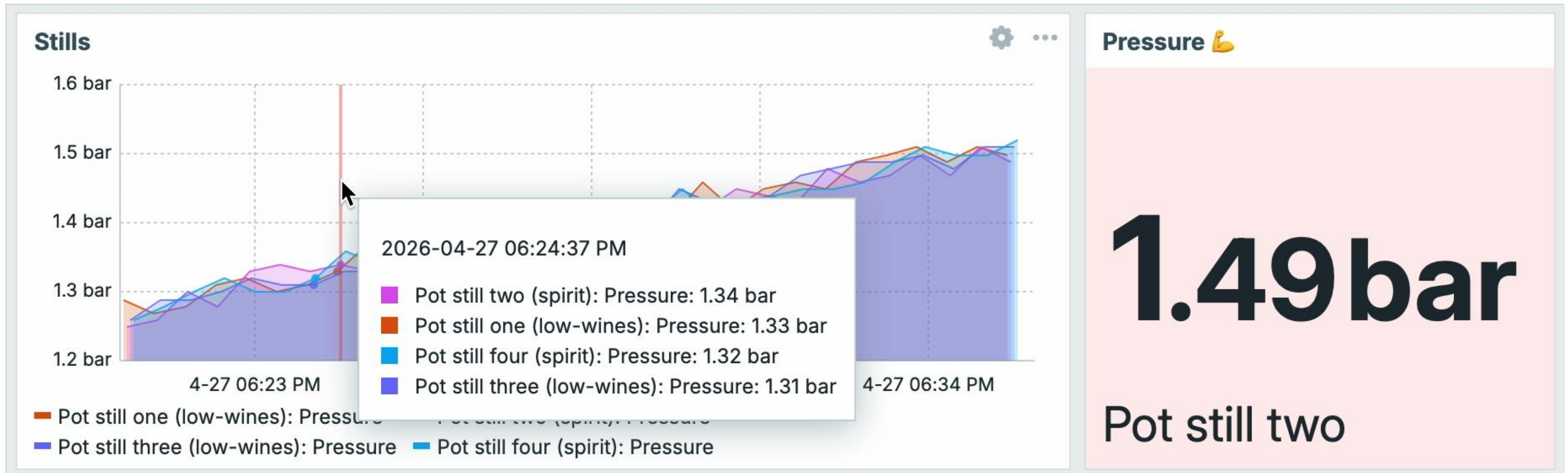
Display options Section: This section is located at the bottom and contains a table with columns for 'Time', 'Problem', 'Severity', 'Info', 'Host', 'Duration', 'Update', 'Actions', 'Operational data', and 'Tags'. The 'Severity' column has a dropdown menu that is open, showing options: 'Show operational data' (unchecked), 'Show trigger expression' (checked), and 'Show suppressed' (unchecked). This menu is also highlighted with a red box.

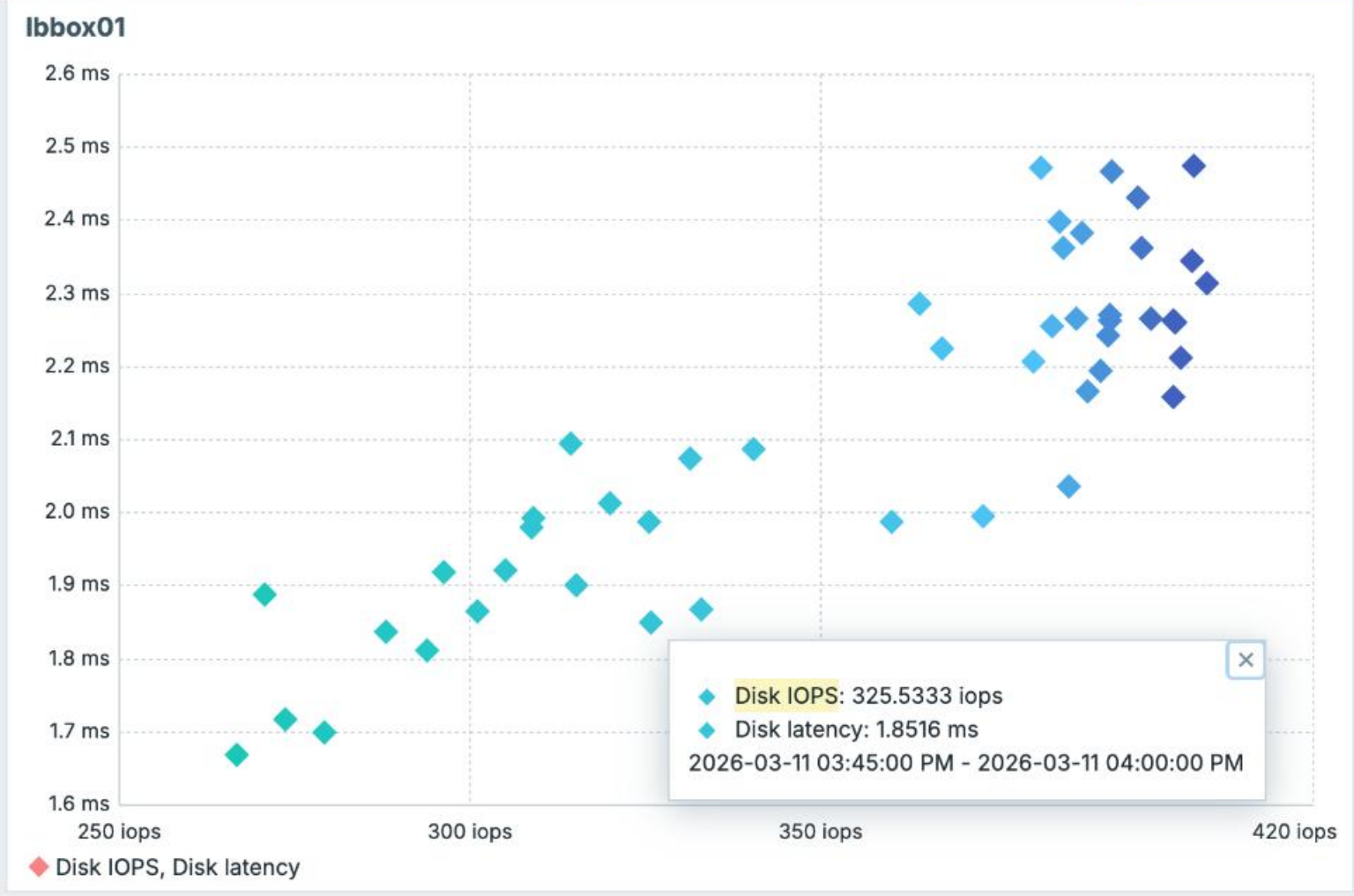
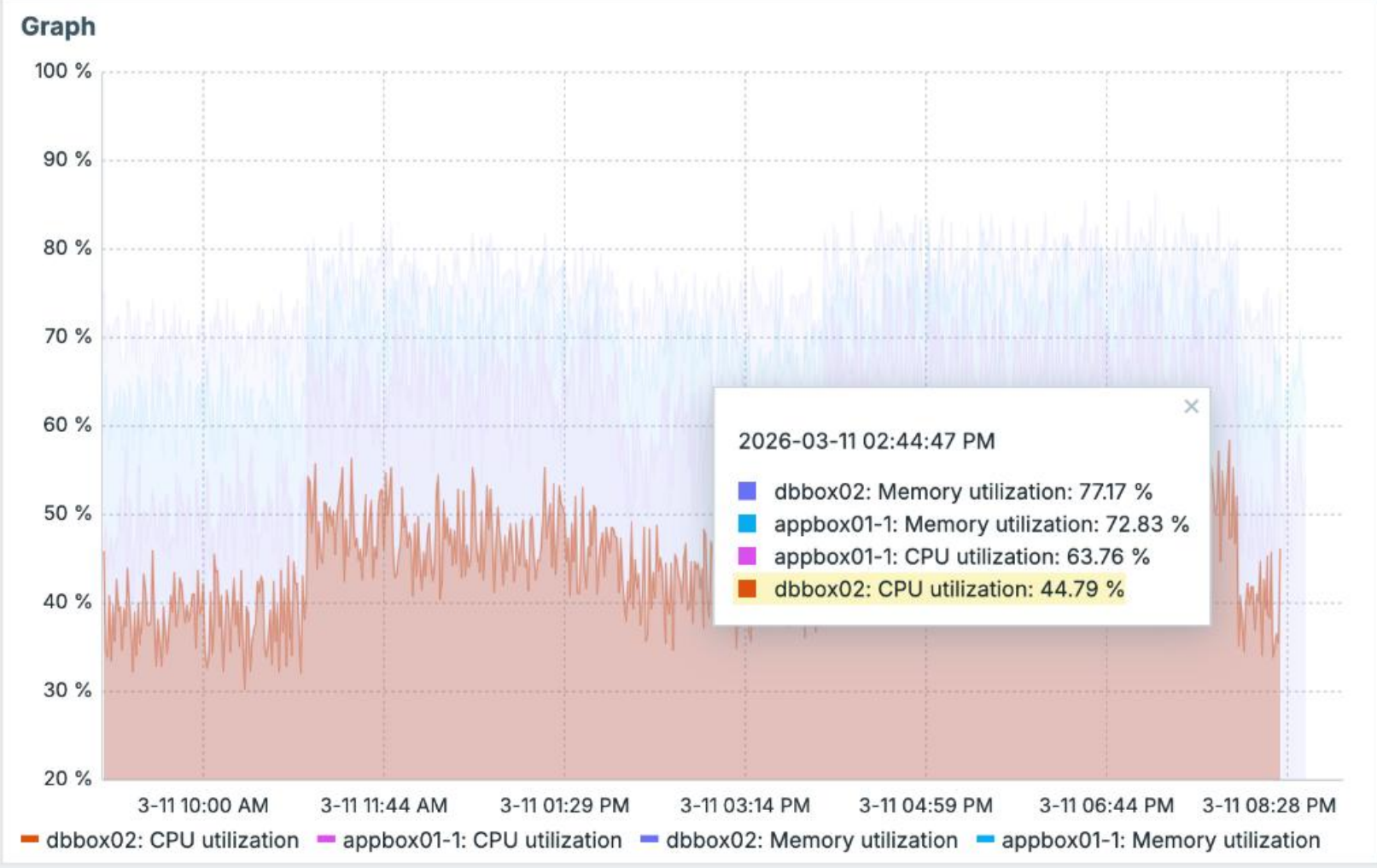
Filter

Display options

8.0 LTS: Various graph improvements

Highlighting and more interactive dashboards

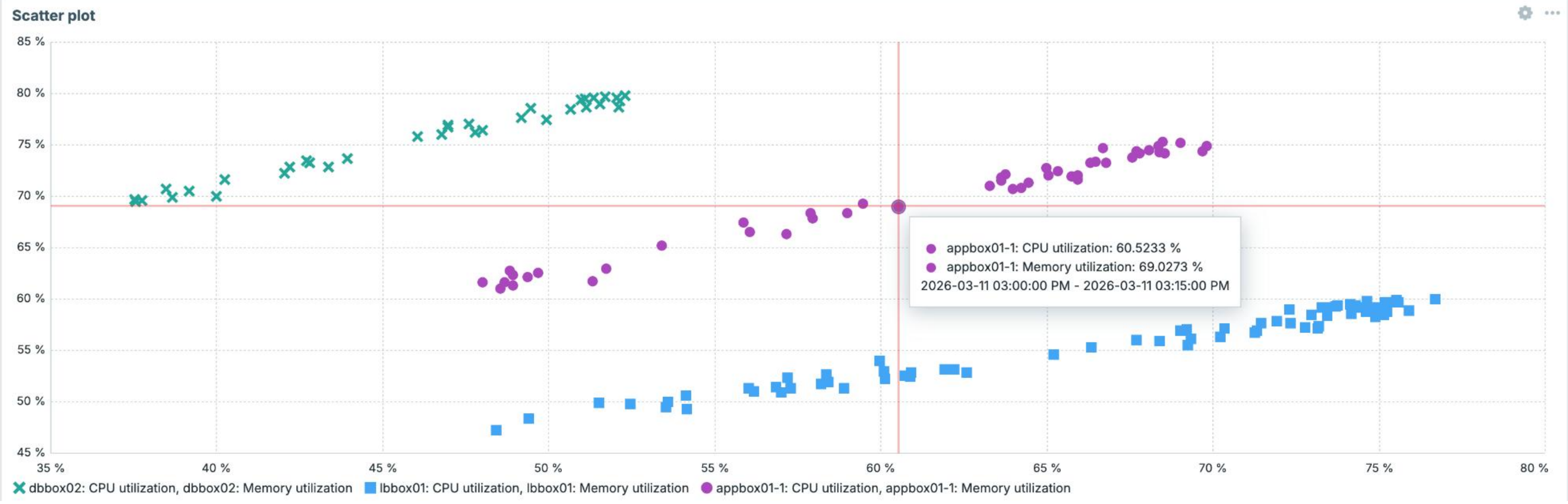




ZABBIX '26

CONFERENCE

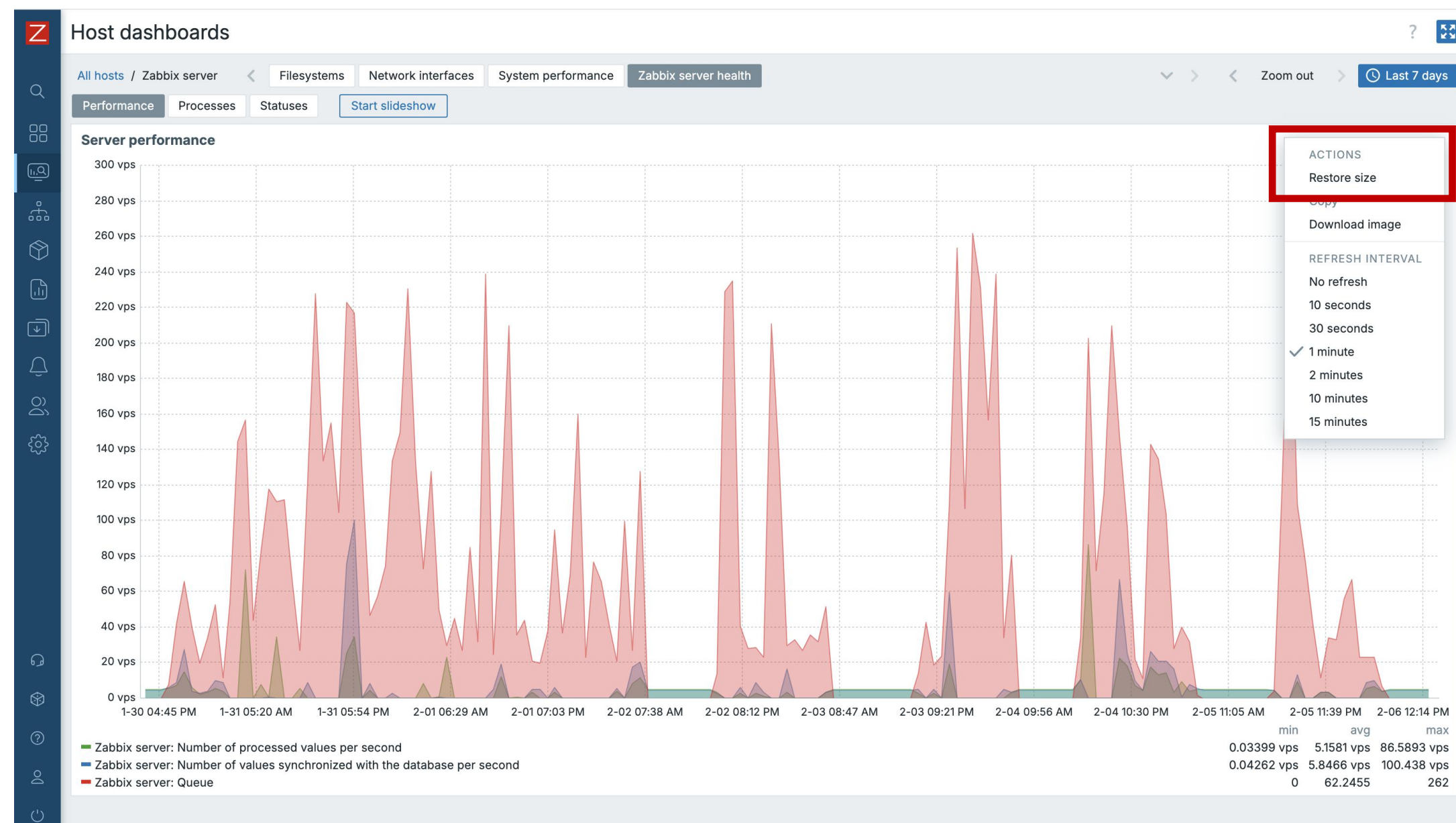
LATIN AMERICA



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

Hosts



Host Wizard Create host Import

Filter

Host groups Status

Templates Monitored by

Name Tags

DNS

IP

Port

<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

target: distillery class: device

target: distillery class: device

target: distillery class: device

target: distillery class: device

Inherited tag
class: device

0 selected

Displaying 4 of 4 found

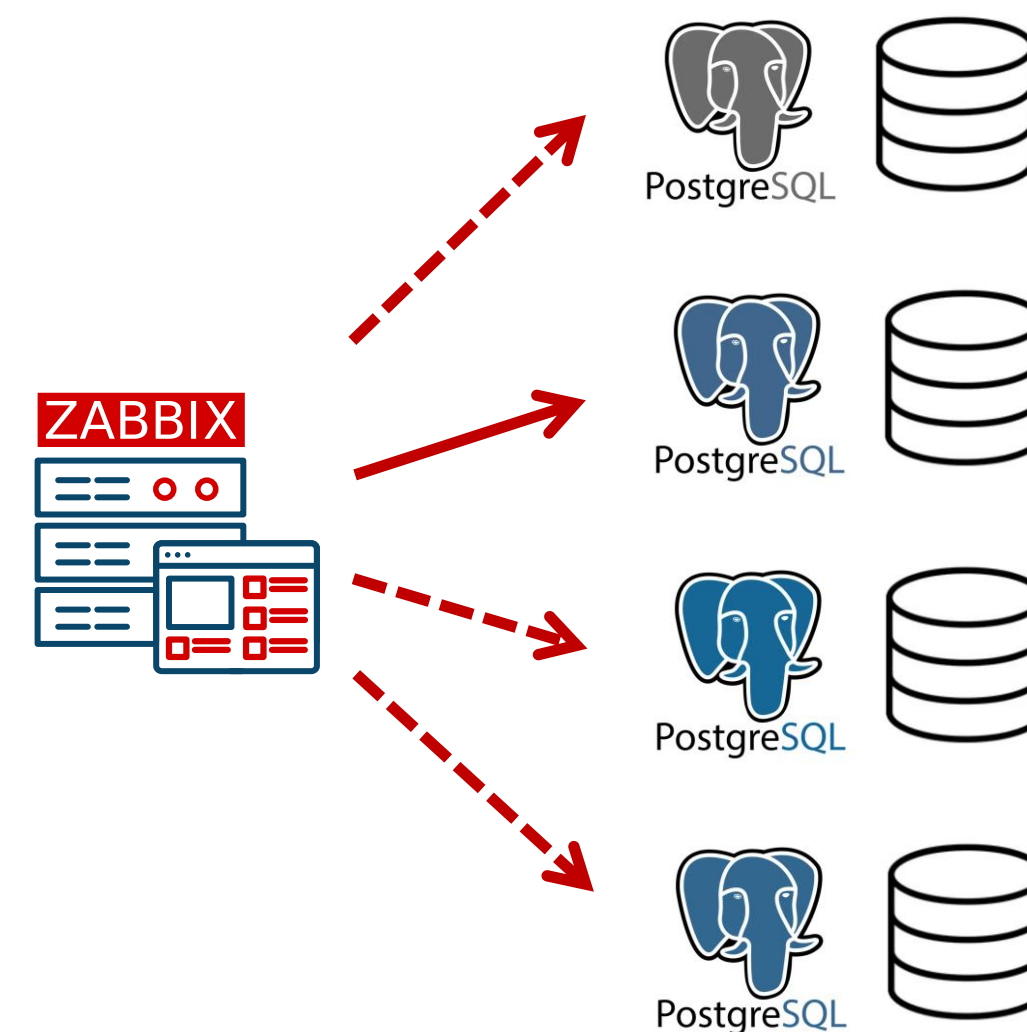
Enable Disable Export Mass update Delete

8.0 LTS: Automatic HA failover for PostgreSQL

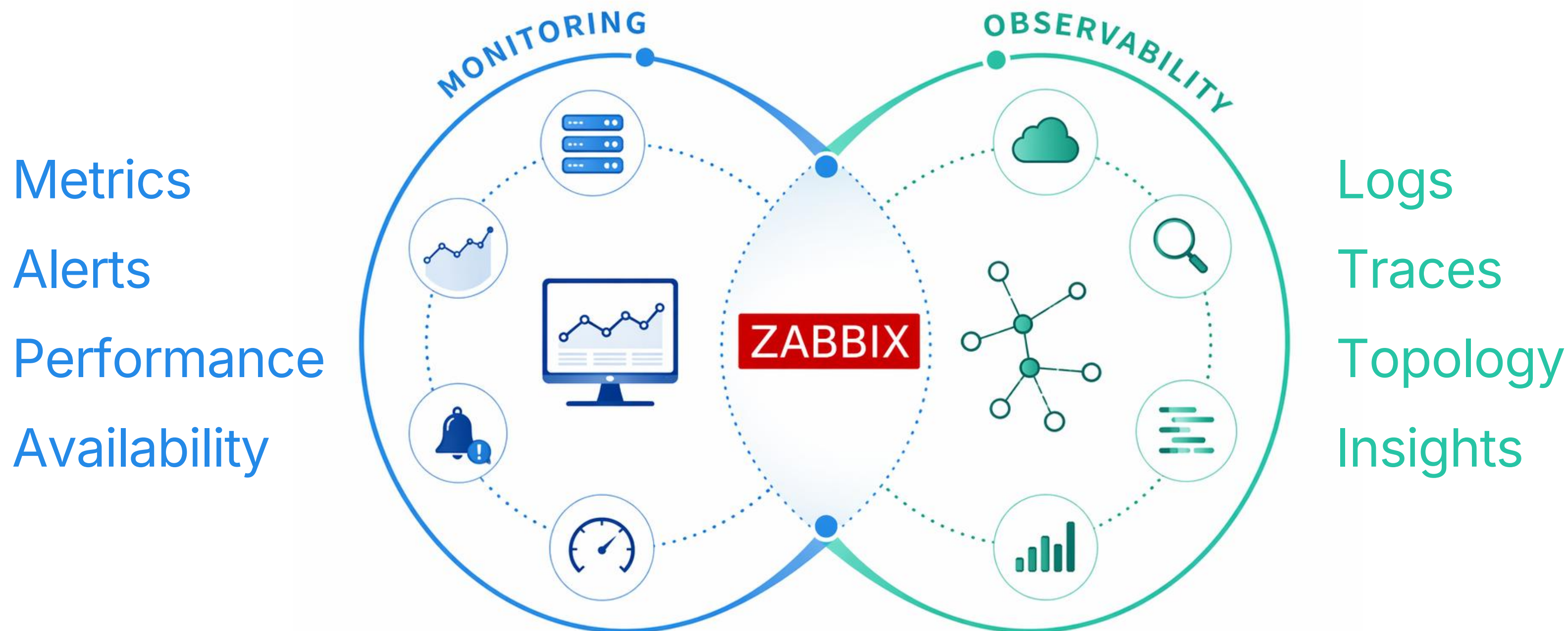
Support of **multiple** PostgreSQL and Tiger Data backends

- 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
```



Zabbix 8.0 LTS: Monitoring and Observability at scale!



8.0 LTS: Stay up-to-date

The screenshot shows the Zabbix documentation website. The top navigation bar includes the Zabbix logo, a search bar, and version/language settings. The left sidebar lists various documentation topics, with '2 What's new in Zabbix 8.0' selected. The main content area features the title '2 What's new in Zabbix 8.0' and a sub-section 'Scatter plot widget' which includes a description and a screenshot of the widget. The widget screenshot shows a scatter plot with data points for memory and CPU utilization across different hosts, with a tooltip for 'fr-paris-08' showing 35.88% memory and 42.77% CPU utilization.

ZABBIX Docs Search documentation... 8.0(devel) English Dark

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: 35.88 %

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

Deploy Zabbix in a minute

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

Low total cost of ownership (TCO)

Fixed pricing, no hidden cost

Perfect solution for **hybrid infrastructure**



Zabbix Cloud

- Centralized data collection
- Alerting
- Visualization
- Storage



On-premise



Cloud

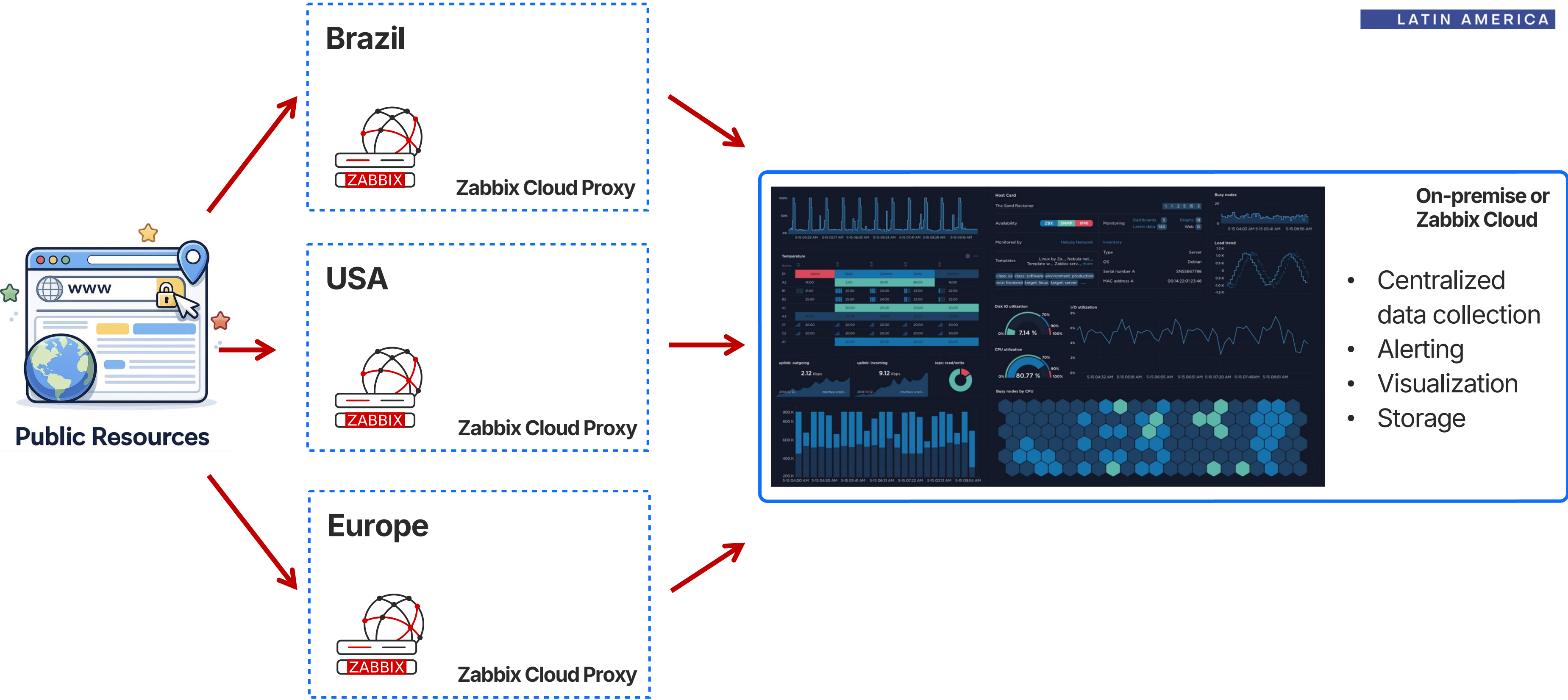


Edge monitoring, factory automation, IoT, sensor data



Zabbix Proxies for distributed and edge monitoring


Geo-distributed remote monitoring with proxies




Try it now! Free limited time trial node.

cloud.zabbix.com

How to maintain peace of mind?

A stylized illustration of a man with dark hair, wearing a dark suit jacket, a white shirt, and a red tie. He is smiling and gesturing with his right hand towards a speech bubble. The background is a light blue gradient.

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

A stylized illustration of a woman with long red hair, wearing a dark suit jacket over a white top. She is smiling and gesturing with her right hand towards a speech bubble. The background is a light blue gradient.

Zabbix Mobile App
for the rescue!

Zabbix Mobile Application

- Instant Push notifications
- Problem management and collaboration
- Aggregated view of multiple Zabbix Servers (v2.0)
- **Seamless integration** with Zabbix and Zabbix Cloud
- **Secure gateway** for Zabbix behind a firewall!



Coming together with Zabbix 8.0 LTS!

Zabbix **Marketplace**

Zabbix does not support this functionality.

What should I do?

Zabbix is an Open Source product!

Extend it!



Reality: So many solutions are already available!



Reality: So many solutions are already available!

Z Incident Investigation
Export report Back to Problems

Zabbix unreachable poller processes more than 75% busy

Average • Zabbix server • 2026-02-20 08:20:50 PM • 49m 46s • MTTR: 1d 11h 29m

TIME PATTERNS

INCIDENT HEATMAP (DAY × HOUR)

Click a cell to filter all charts


	12 am	1 am	2 am	3 am	4 am	5 am	6 am	7 am	8 am	9 am	10 am	11 am	12 pm	1 pm	2 pm	3 pm	4 pm	5 pm	6 pm	7 pm	8 pm	9 pm	10 pm	11 pm
Sun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Mon	0	1	1	0	0	0	0	1	3	2	3	2	0	3	2	1	3	1	1	0	1	0	0	0
Tue	0	0	0	0	0	0	0	0	2	0	0	0	4	0	3	0	3	2	1	0	0	0	0	0
Wed	0	0	1	0	1	0	0	0	1	1	3	2	4	0	5	2	1	2	0	0	0	0	0	0
Thu	0	0	0	0	0	0	0	1	2	4	4	4	3	2	3	5	3	2	0	0	0	0	0	0
Fri	2	0	0	0	0	0	0	0	1	2	1	3	7	3	4	4	7	2	0	0	1	2	0	0
Sat	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

Low High 🔧 Icon = incident during maintenance

SLA BY SERVICE

Current SLI and services affected

Zabbix Server (100.0%)




100.0 %

Current SLI (SLO 70.0%)

Reality: 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 includes a search bar for 'Host groups', 'Apply' and 'Reset' buttons, and a toolbar with various settings like 'Technical', 'Management', 'Hierarchical', 'Hide labels', 'Fullscreen', '100%', 'Dark', 'Fit', 'Layout', 'Auto: 30s', 'LLDP: on', 'Link', 'X Links', 'Mail', and status indicators (OK, Info, Warn, Avg, High). The network diagram consists of nodes represented by circular icons with server racks, each with a red number indicating a count. Nodes are connected by dashed lines. A small inset window in the bottom right shows a simplified version of the network topology.

Reality: 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.

→

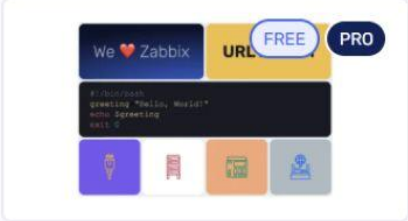


Hide widget header

ZABBIX Module

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

→

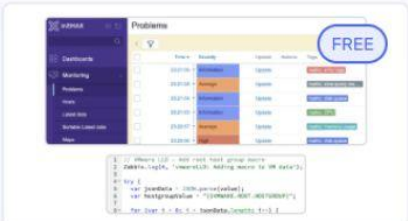


headerMAX

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

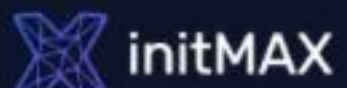
This AI-powered module helps Zabbix users design optimal preprocessing steps by suggesting appropriate data transformation sequences based on provided requirements.

→

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!

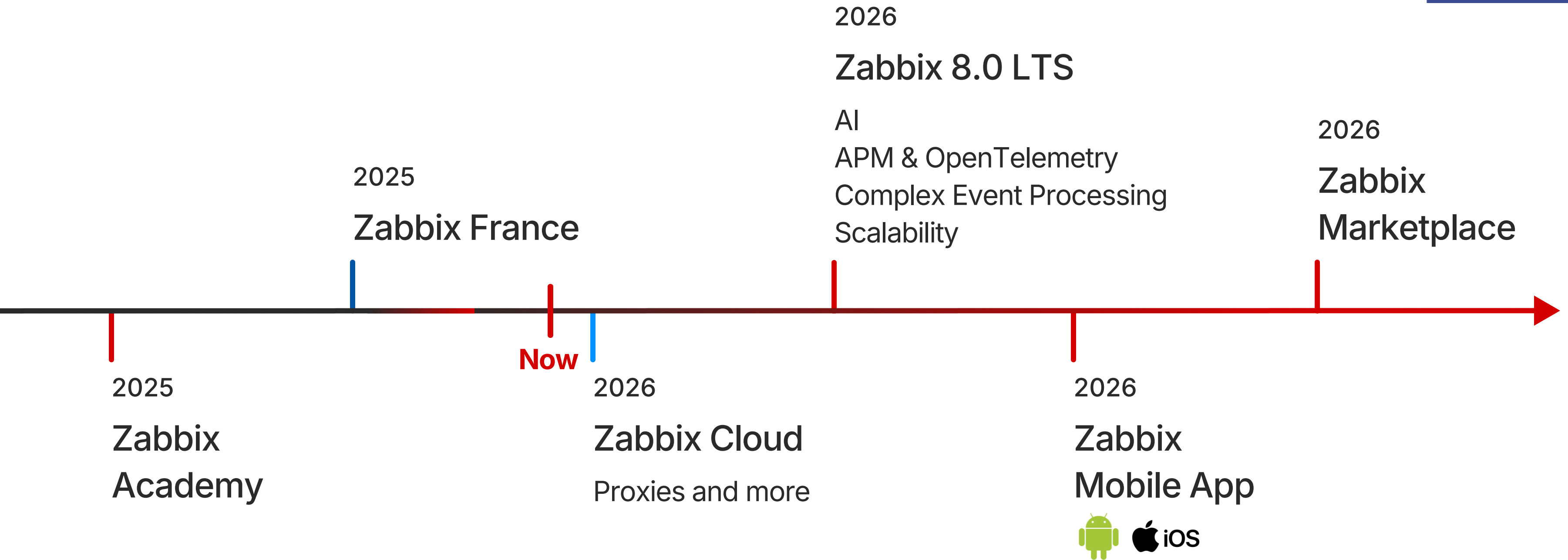
Solution

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



Coming this year

Where we are



Thank You!