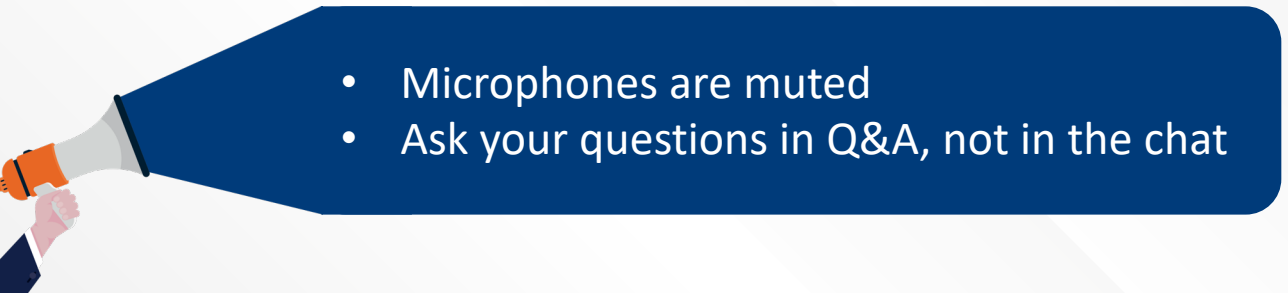
Opensource ICT Solutions

ZABBIX Meet up

How to get most out of Zabbix problems



- Microphones are muted
- Ask your questions in Q&A, not in the chat

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Zabbix Consultant

Opensource ICT Solutions

Your Zabbix partner in:

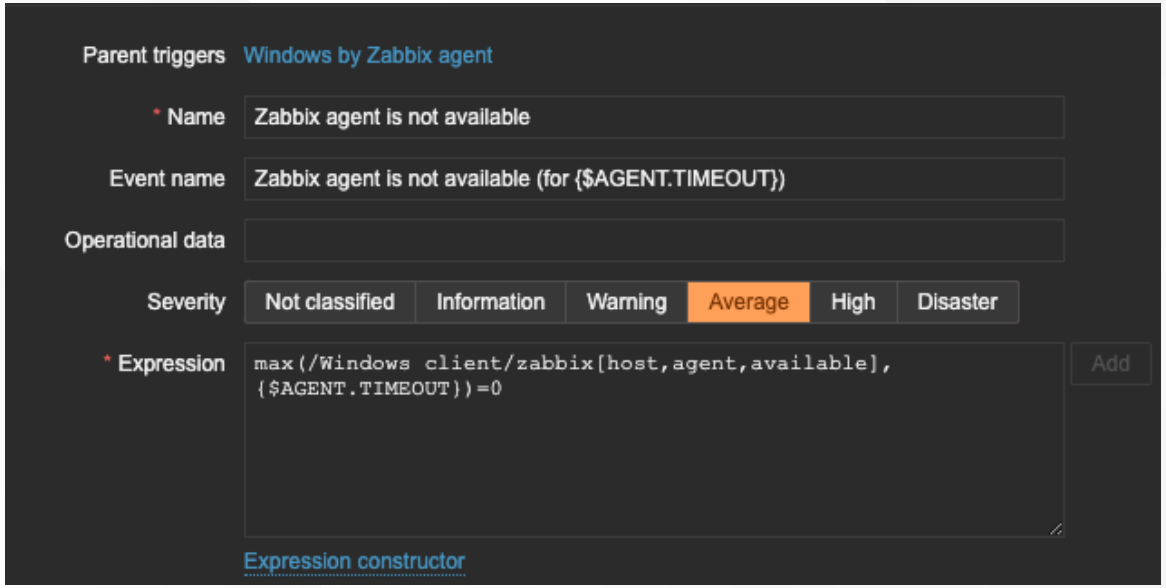
- The Netherlands
- United Kingdom
- United States

Intro

Windows by Zabbix agent: System time is ou
t of sync

fuzzytime(/Windows client/system.localtime,{$SYSTEM.FUZZYTIME.MAX})=0

- What is an trigger?



A problem arises, now what?

- Identify the problem
- What is the problem about?
- Do you know what to do now?

What are problems?

- Trigger > problem state
- Indicating something(bad) that might need our attention
- Can be informational

Time ▾	Severity	Recovery time	Status	Info	Host	Problem	Duration	Ack	Actions	Tags
14:13:00	Average		PROBLEM		Windows client	\\192.168.1.74\public\test1356.txt: Is older than 15 minutes	1h 20m 50s	No		class: service component: storage scope: notice •••
14:00										
11:45:00	Average		PROBLEM		Windows client	\\192.168.1.74\public\test: Is older than 15 minutes	3h 48m 50s	No		class: service component: storage scope: notice •••
Today										
2022-11-14 12:55:29	Average		PROBLEM		Windows client	This file has been around for more then 15 minutes	8d 2h 38m	No		class: service component: storage scope: notice •••
2022-11-14 12:55:29	Average		PROBLEM		Windows client	This file has been around for more then 15 minutes	8d 2h 38m	No		class: service component: storage scope: notice •••
2022-11-14 12:55:29	Average		PROBLEM		Windows client	This file has been around for more then 15 minutes	8d 2h 38m	No		class: service component: storage scope: notice •••
2022-11-14 12:55:29	Average		PROBLEM		Windows client	This file has been around for more then 15 minutes	8d 2h 38m	No		class: service component: storage scope: notice •••
2022-11-14 12:55:00	Average		PROBLEM		Windows client	\\192.168.1.74\public\file1158: Is older than 15 minutes	8d 2h 38m	No		class: service component: storage scope: notice •••

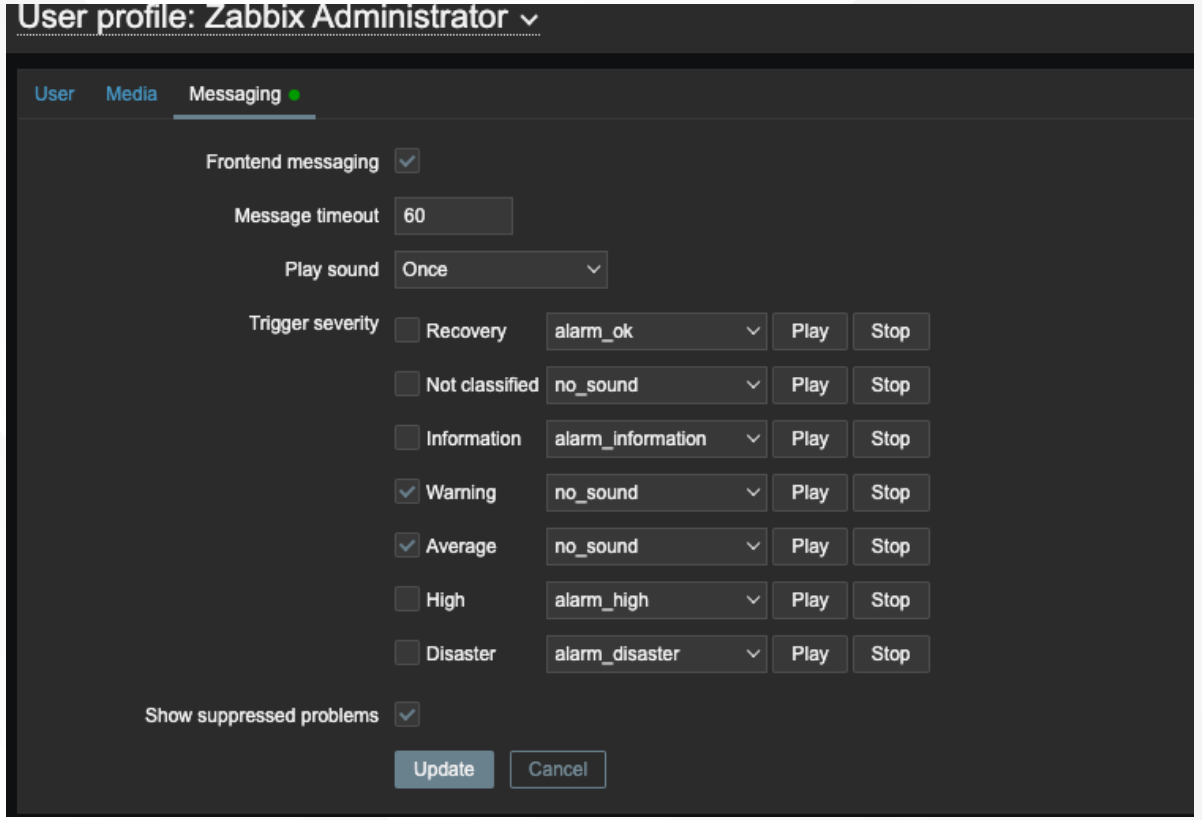
Displaying 7 of 7 found

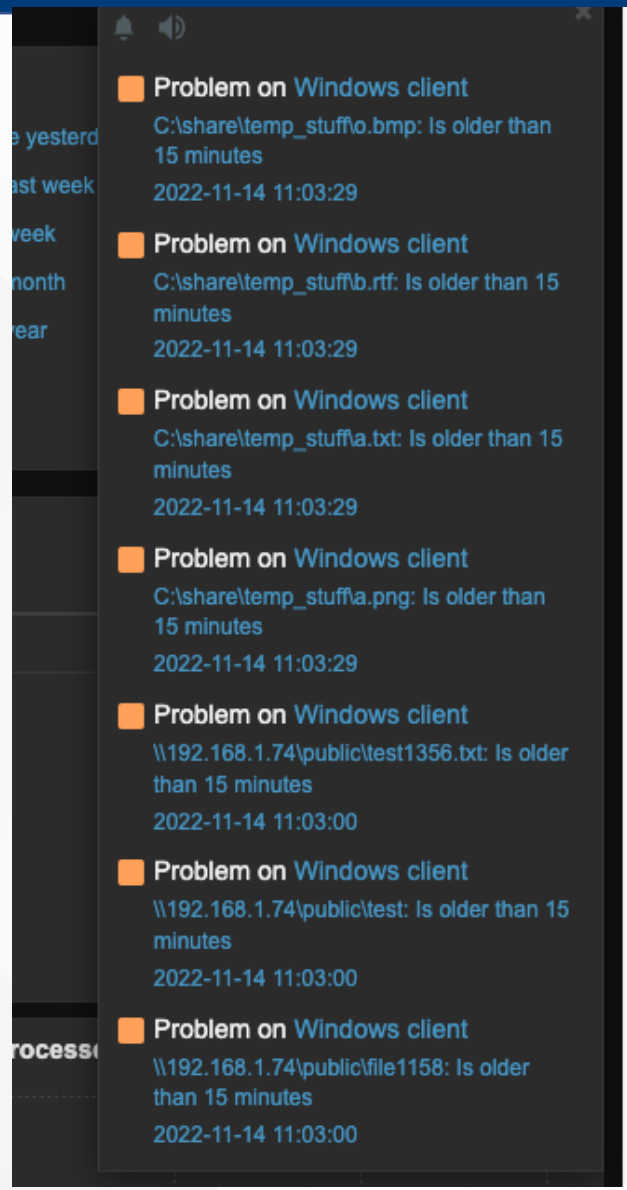
How to alert about them?

- What are the options?
- Global notifications
- Send messages
- Create tickets
- Execute remote commands

Global notifications

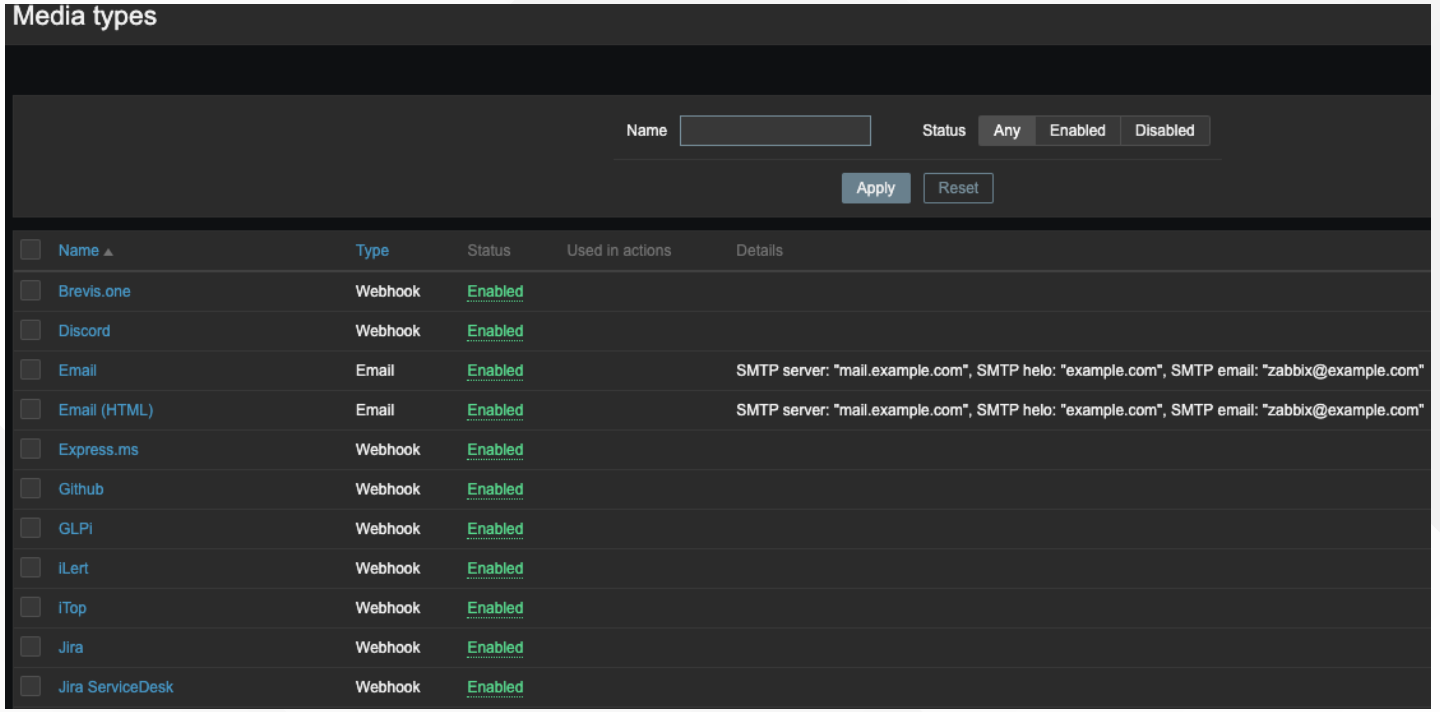
- What are they?
- Can be displayed everywhere in Zabbix
- Move
- Mute
- Snooze





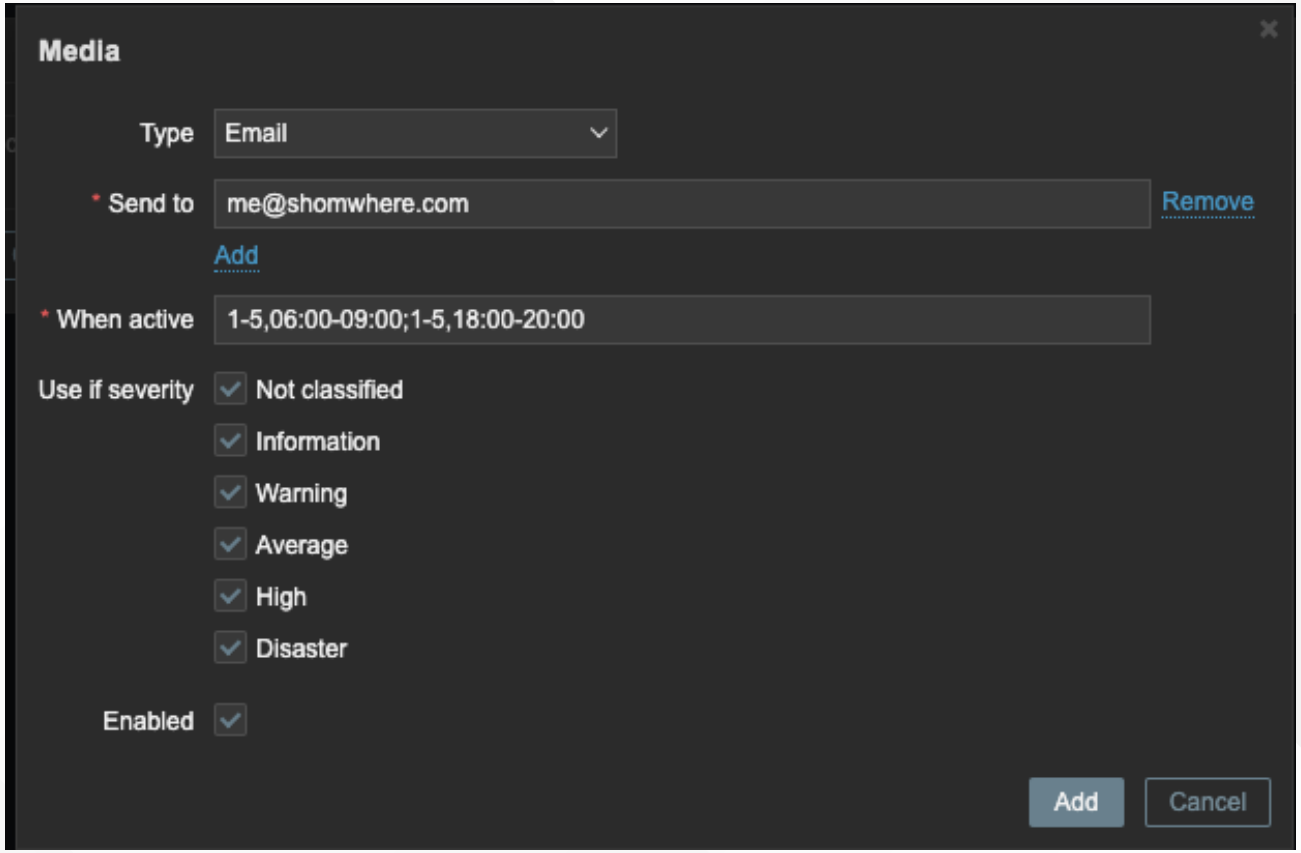
Media types/ Send messages

- Administration -> Media types
- Email
- Sms
- Webhook
- Script



User media/Send mesagges

- How?
- Via what?
- Wich day/time do you prefer?



Create tickets

- Why get an message if you can get a ticket?
- What?
- Choose which ticketing software you like
- Escalation

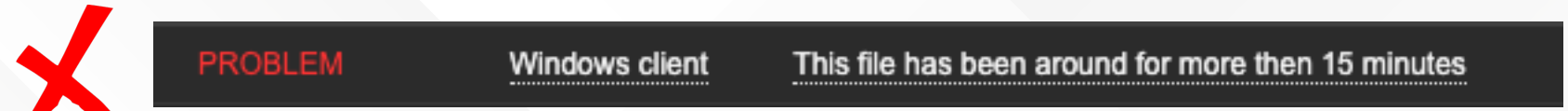
Presenting problems

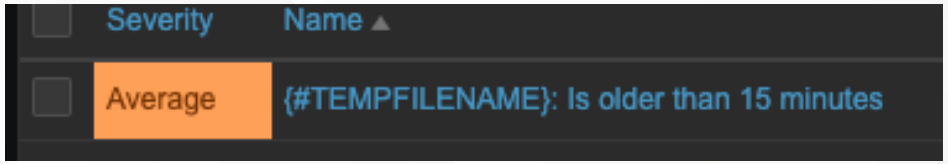
- What is this problem?
- Naming
- Tagging
- Dashboard/widgets
- Frontend filters

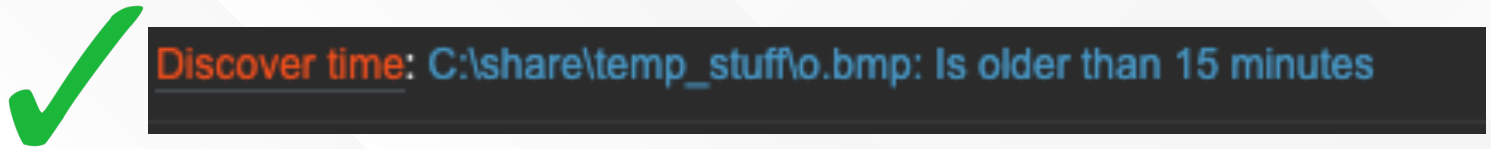
Naming

- Keep it simpel and understandable
- Don’t make them to long
- Macro’s

Average	PROBLEM	Discover time: C:\share\temp_stuff\o.bmp: Is older than 15 minutes	fuzzytime(/Windows client/time.acces["C:\share\temp_stuff\o.bmp"],15m)=0	Enabled	scope: notice
Average	PROBLEM	Discover time network: \\192.168.1.74\public\file1158: Is older than 15 minutes	fuzzytime(/Windows client/time.access["\\192.168.1.74\public\file1158"],15m)=0	Enabled	scope: notice





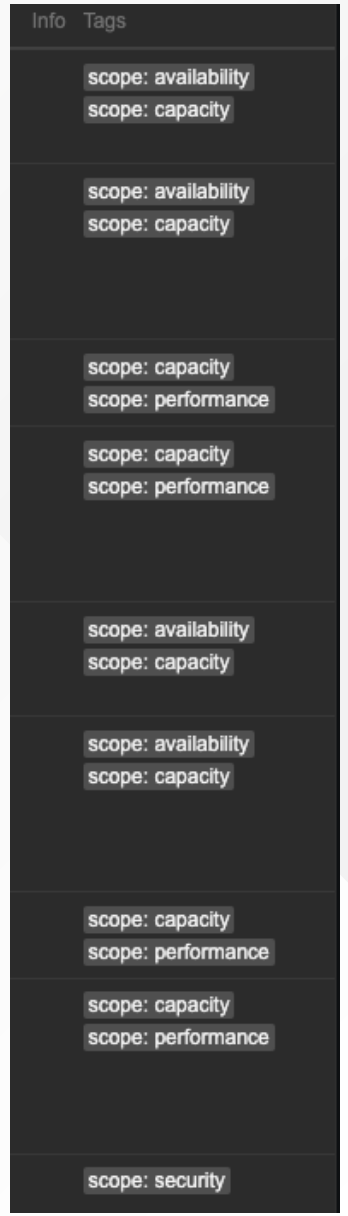


Tagging

- Use scope

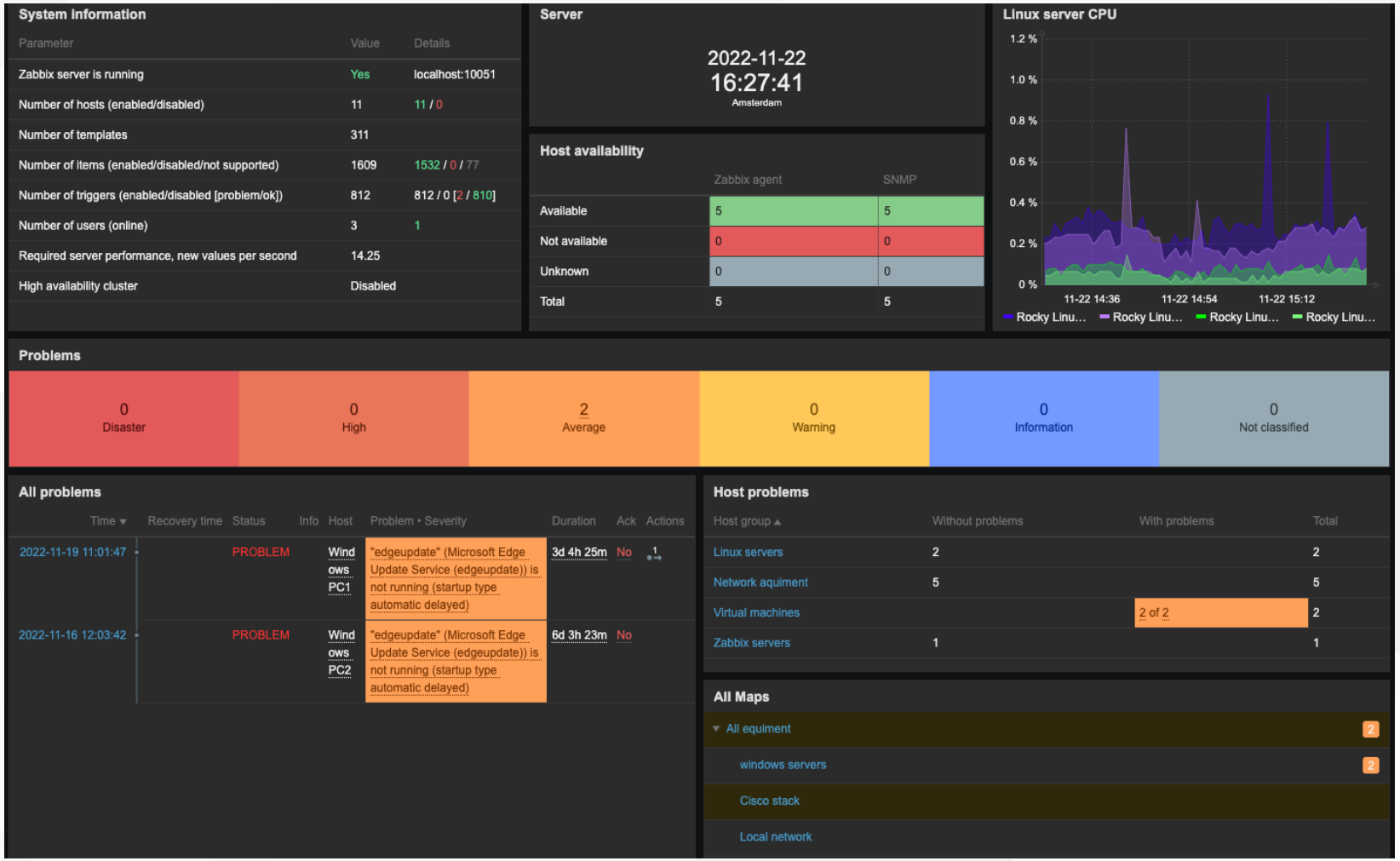
- Need more information?

https://blog.zabbix.com/tags-in-zabbix-6-0-lts-usage-subfilters-and-guidelines/19565/



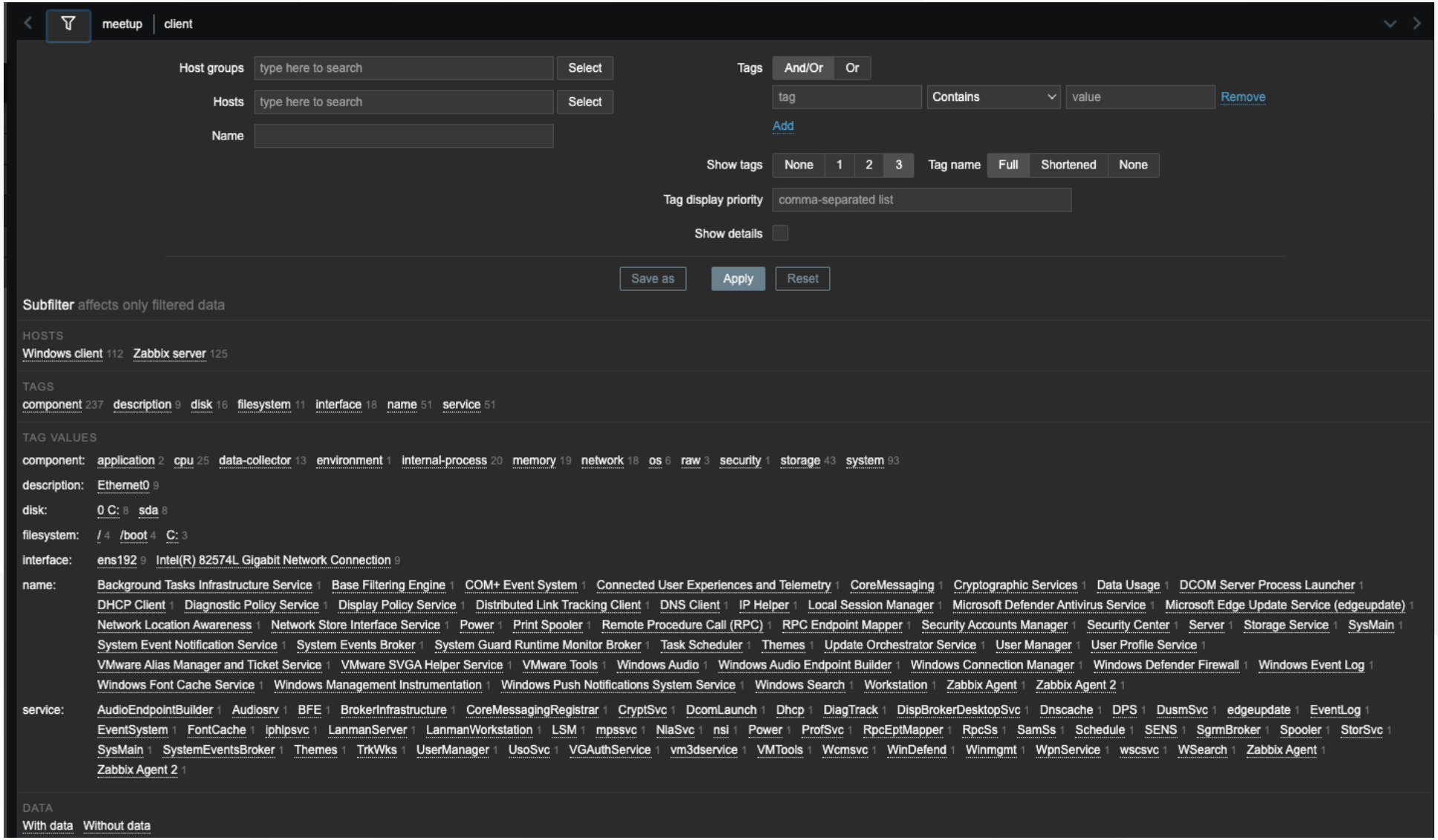
Dashboards/widgets

- What do you see?
- Is this practical?



Frontend filters

- Options
- Named filter
- Main filters
- Sub filters

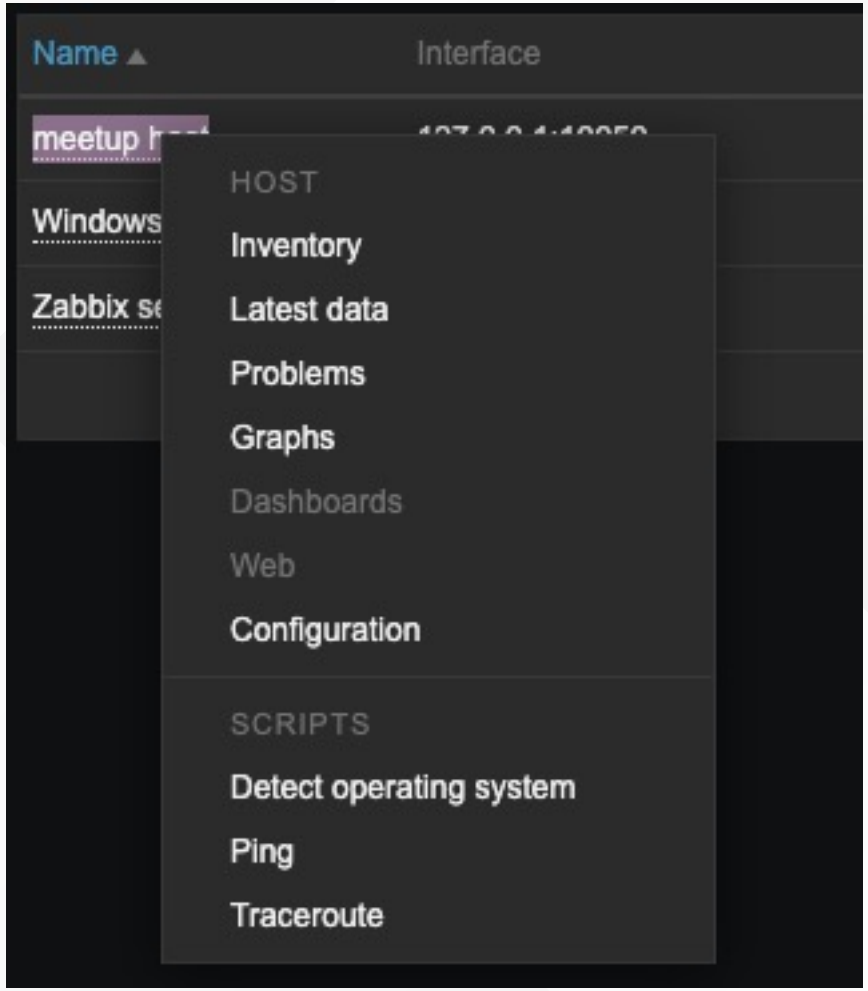


Doing more with problems

- How?
- Frontend scripts
- Urls
- Historical data

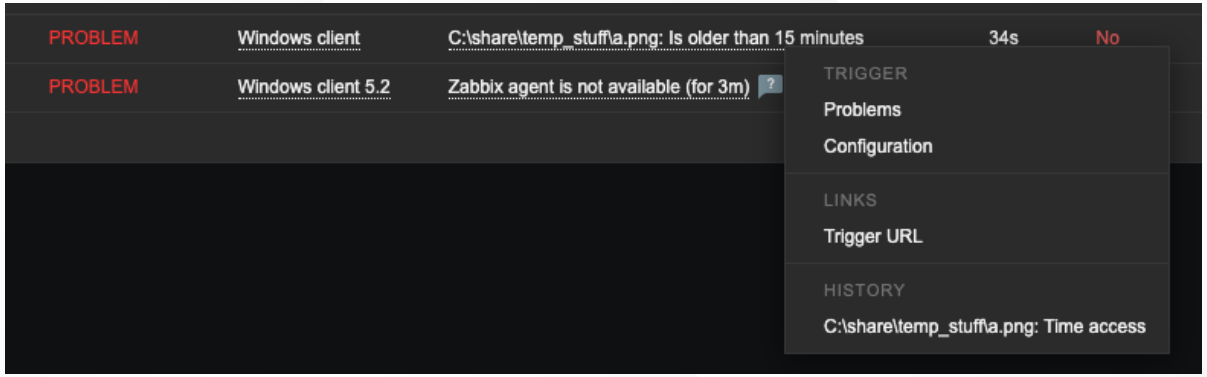
Frontend scripts

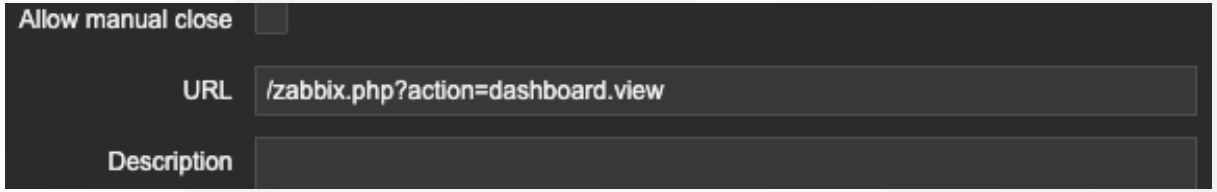
- What are they?
- What types can you use?
- How can you use them?

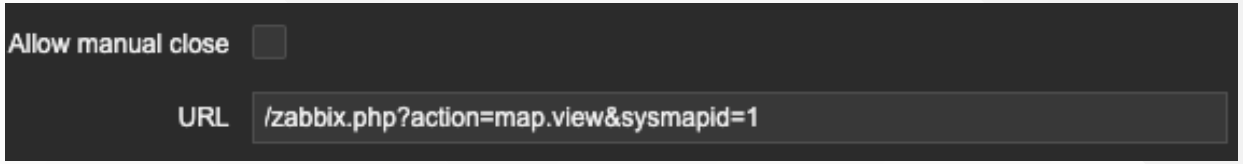


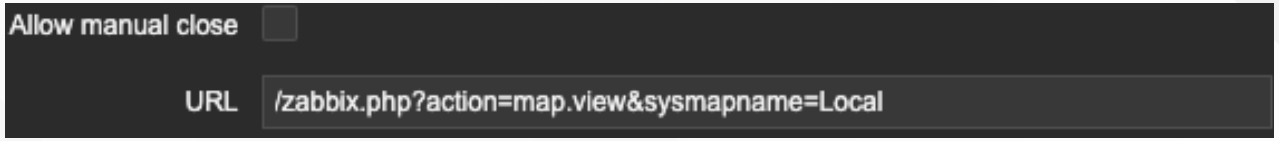
Trigger URLs

- **Why** would you use them?
- **How** would you use them?



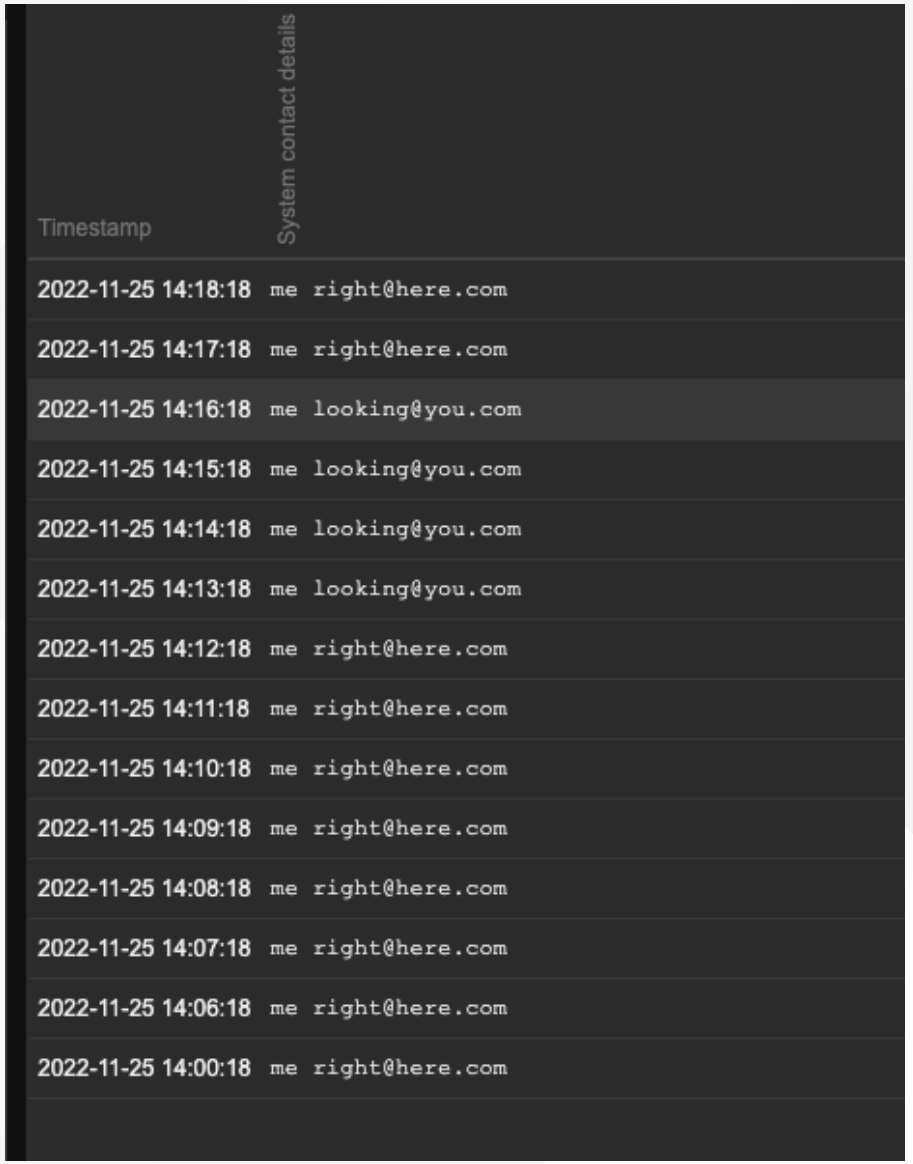






Historical data

- How would you utilize this?
- Predictions
  - More info about Predictions? https://support.zabbix.com/browse/ZBX-19043
- Certain triggers
- Keep the history



Timestamp	System contact details
2022-11-25 14:18:18	me right@here.com
2022-11-25 14:17:18	me right@here.com
2022-11-25 14:16:18	me looking@you.com
2022-11-25 14:15:18	me looking@you.com
2022-11-25 14:14:18	me looking@you.com
2022-11-25 14:13:18	me looking@you.com
2022-11-25 14:12:18	me right@here.com
2022-11-25 14:11:18	me right@here.com
2022-11-25 14:10:18	me right@here.com
2022-11-25 14:09:18	me right@here.com
2022-11-25 14:08:18	me right@here.com
2022-11-25 14:07:18	me right@here.com
2022-11-25 14:06:18	me right@here.com
2022-11-25 14:00:18	me right@here.com

What else?

- Is there more?
- What do I find handy?

Lets see if there are any questions in Q&A