



# Zabbix community day

## Zabbix Proxies

# #whoami

- Eli Winderickx
- Piros
- Consultant / Trainer /  
Zabbix evangelist



# Why should you care?

- Loadbalancing
- High availability
- Network restrictions
- Geographical segregation
- Security



## How do they work?

1. Active
2. Passive



# How do they work?

Compressed & incremental configuration updates  
Native encryption using PSK or SSL certificates

# What does it need?

Database: configuration & metrics

- MySQL
- PostgreSQL
- SQLite3 (Recommended)

# Buffer modes

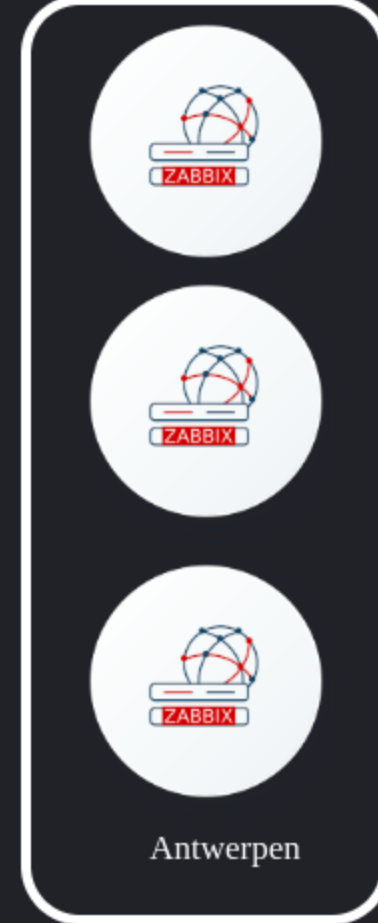
- Disk (default)
- Memory
- Hybrid (recommended)

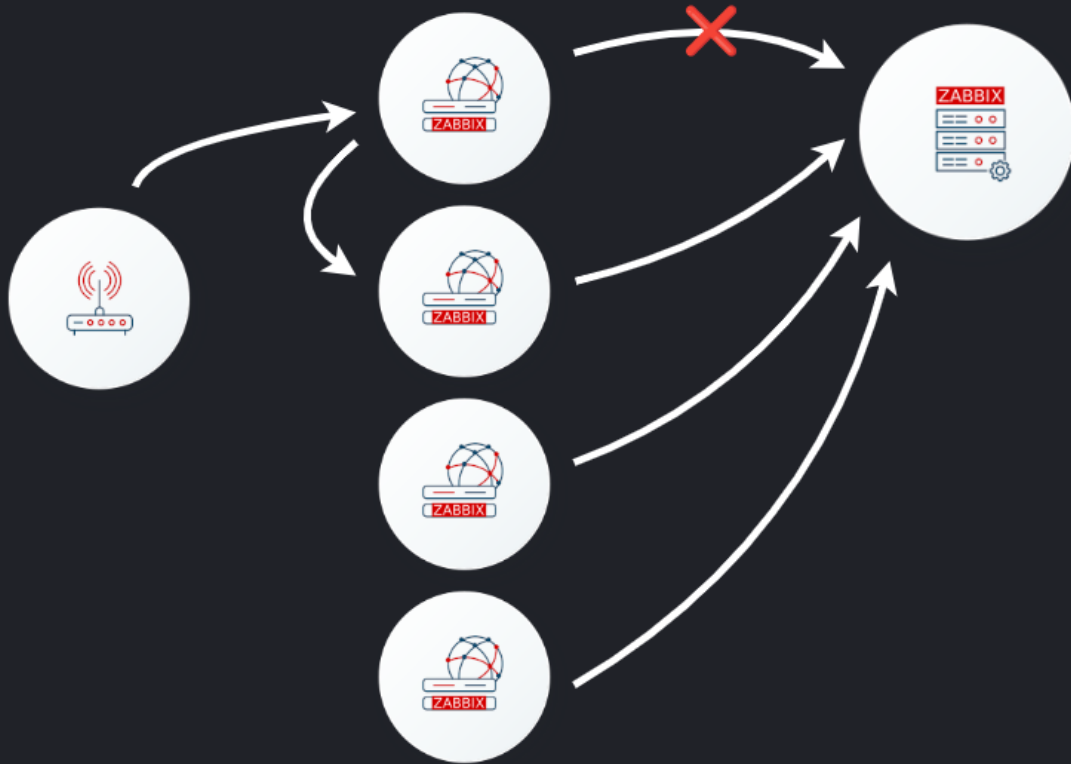
# What can they do?



# Proxy groups

- High Availability
- Load balancing



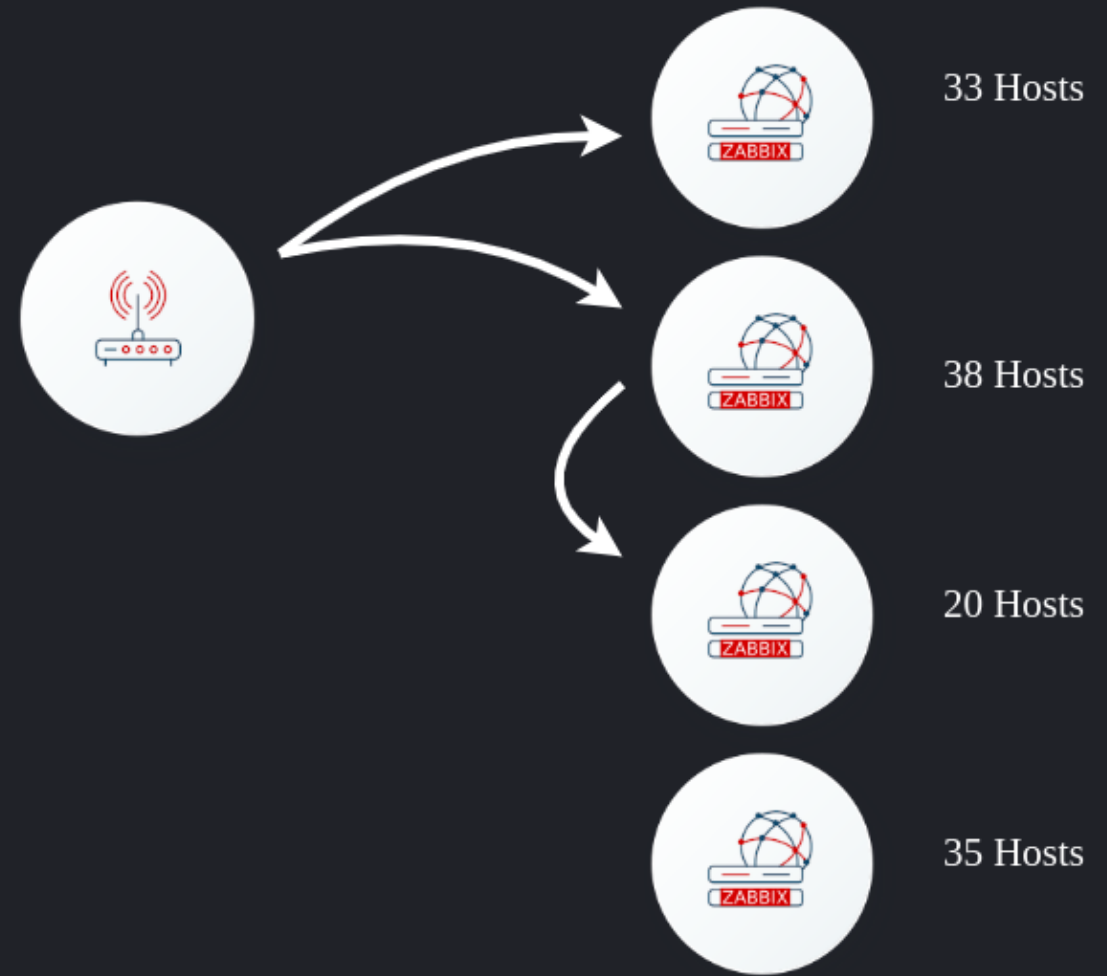


## High Availability

- Automatic redirect
- Minimum number of proxies

# Load balancing

- Based on number of assigned hosts
- Unbalanced proxy group



# Unbalanced

Amount of hosts is at least:

- 10 above or below average and,
- a factor of 2 of the average

## A few examples

| Assigned hosts | Average | Host reassignment |
|----------------|---------|-------------------|
| 100            | 50      | ✓                 |
| 60             | 50      | ✗                 |
| 15             | 5       | ✓                 |



## Need help?

- Consultancy
- Training
- Turn-key solution



Call us

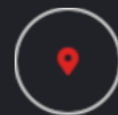
Belgium

+32 (0)494 27 47 63

The Netherlands +32 (0)495 61 57 38

Sweden

+46 (0)70 786 66 50



Find us

Belgium

| Kwikstraat 4

| 3078 Everberg

The Netherlands | Minervum 7368

| 4817 ZH Breda

Sweden

| Drottninggatan 32

| 111 51 Stockholm