

# Security infrastructures and intrusion systems

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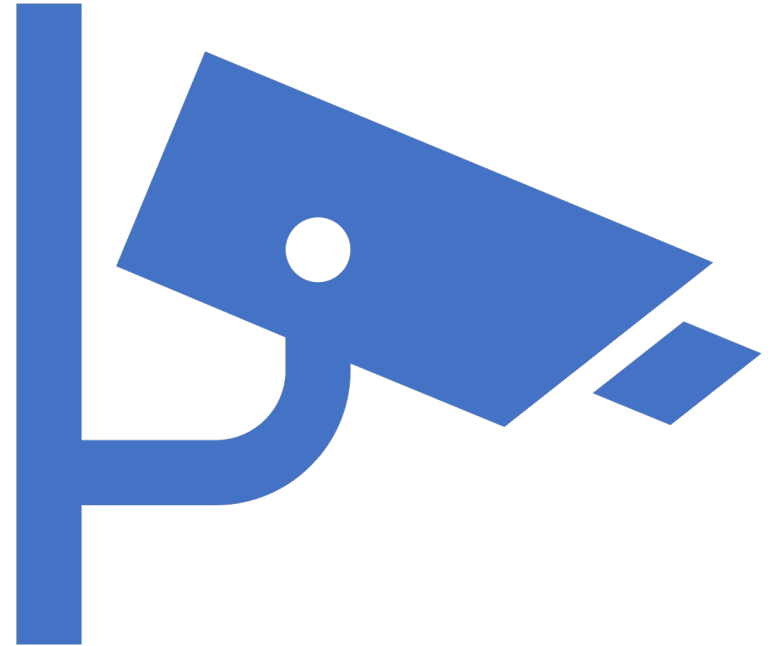
Matthias Mildenberger



# Intrusion Detection

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- Detection of attacks
- **NOT** intrusion prevention or forensic tools





# Intrusion detection

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- Host based intrusion Detection (HIDS)
  - File integrity monitoring, rootcheck analysis, suspicious accesses
- Network based intrusion detection (NIDS)
  - Suspicious Signatures of packes, DoS...

# Software on the market



# Software on the market



HIDS

☆ Star 3.9k

splunk>

NIDS **Not opensource ??**



NIDS

☆ Star 1.7k



**SURICATA**

NIDS

☆ Star 3k



HIDS **Not really opensource ??**

wazuh.

NIDS+

☆ Star 5.6k

wazuh.

+

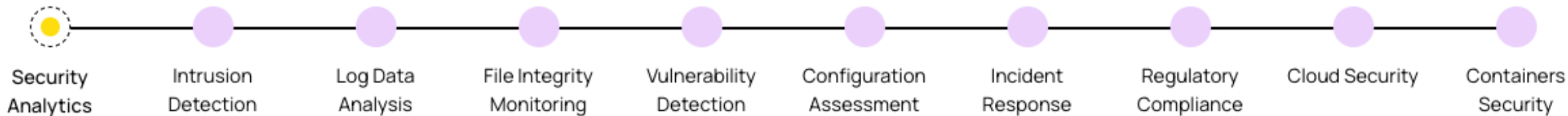


**SURICATA**

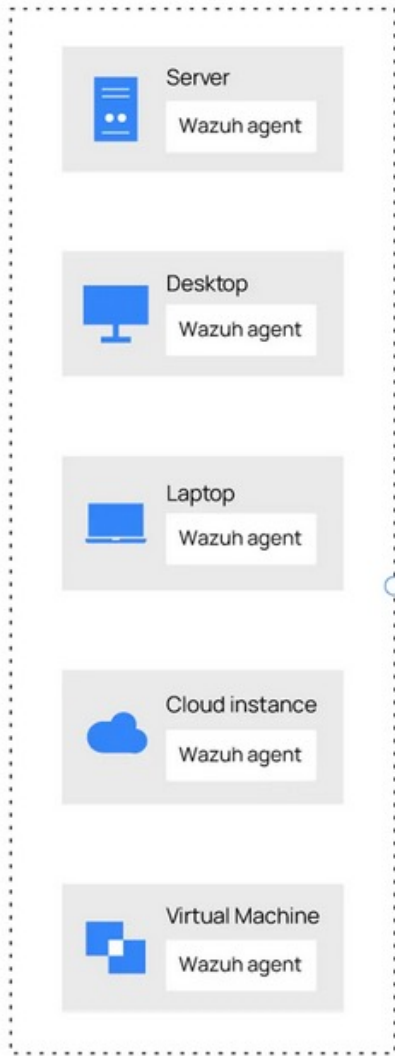
# wazuh.

## The Open Source Security Platform

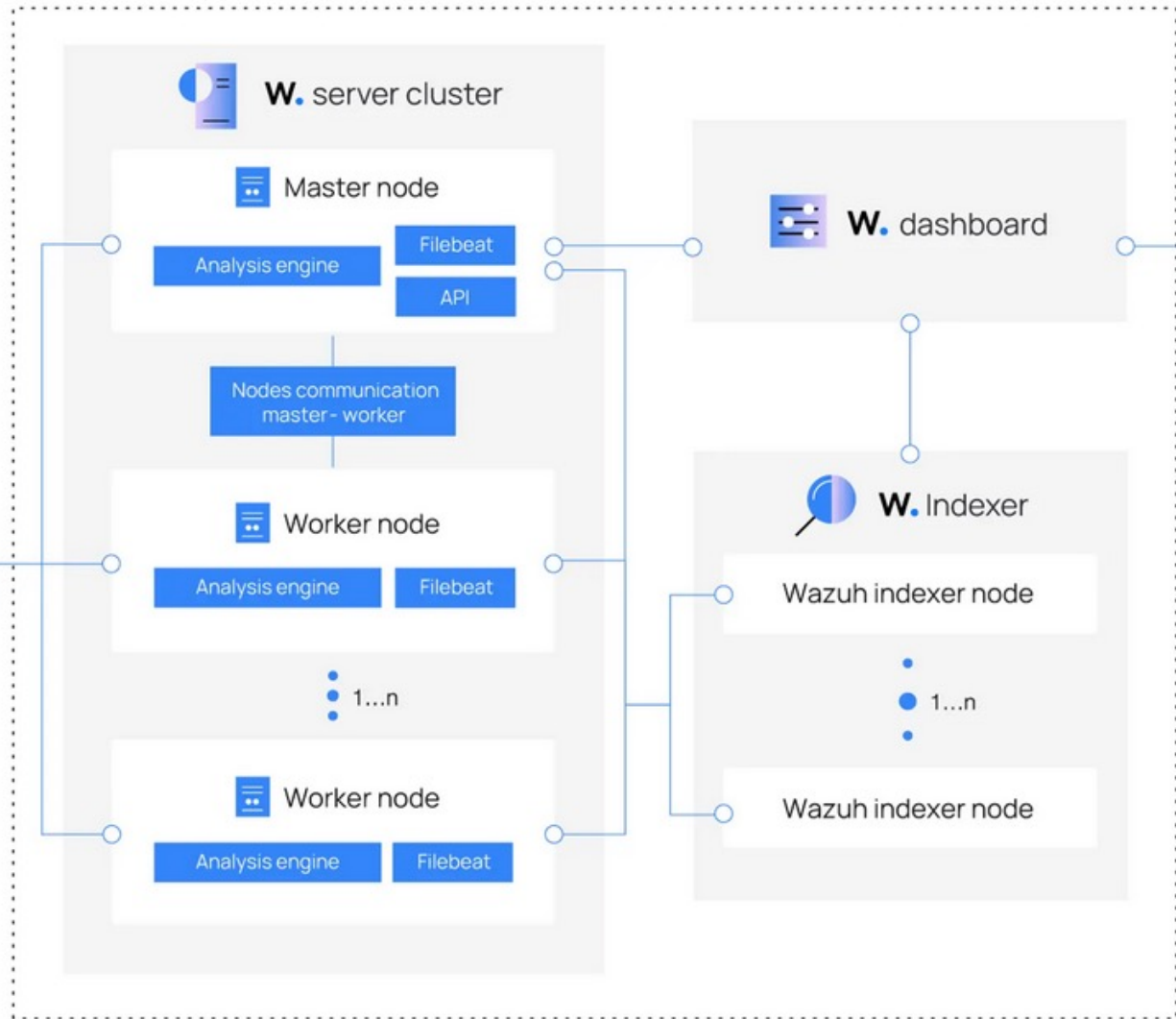
Unified XDR and SIEM protection for endpoints  
and cloud workloads.



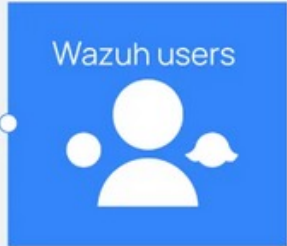
## Endpoints



## Wazuh central components



Wazuh users







**SURICATA**

Observe. Protect. Adapt.

## Suricata is far more than an IDS/IPS





Let's get  
physical  
(tech-demo)