

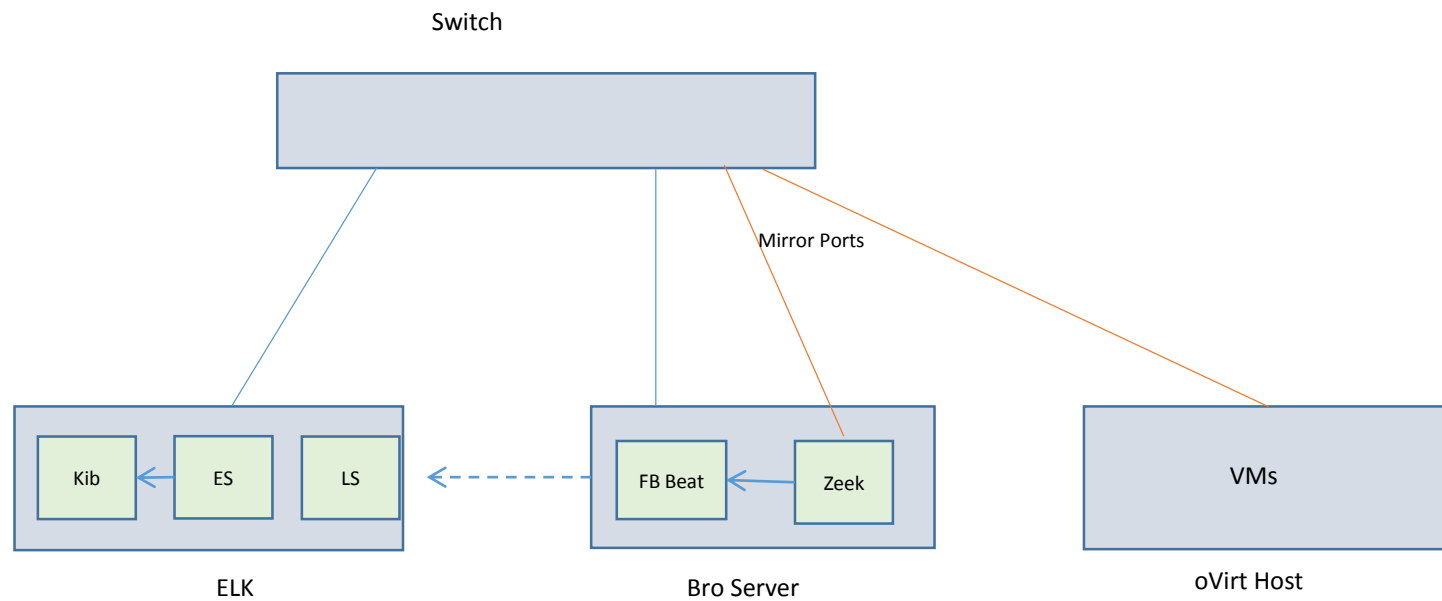
Site Report

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ZEEK and ELK

- Small setup of ZEEK and ELK
- Monitoring Grid Services through ZEEK
 - But not much interesting data
- Plan to monitor Physics department network
 - Waiting for network restructure
- Installed a MISP instance and long term plan is to integrate with ZEEK

ZEEK + ELK Setup



OpenVas

- Running OpenVas for Vulnerability Scanning
- Installed on top of Kali Linux
 - Mostly worked out of box
- We have quite a few vlans and subnets so scanning across network range takes too much time
- So running ``nmap -sn <ip-range>`` first and then feeding that list as input for openvas scan.
 - Much better

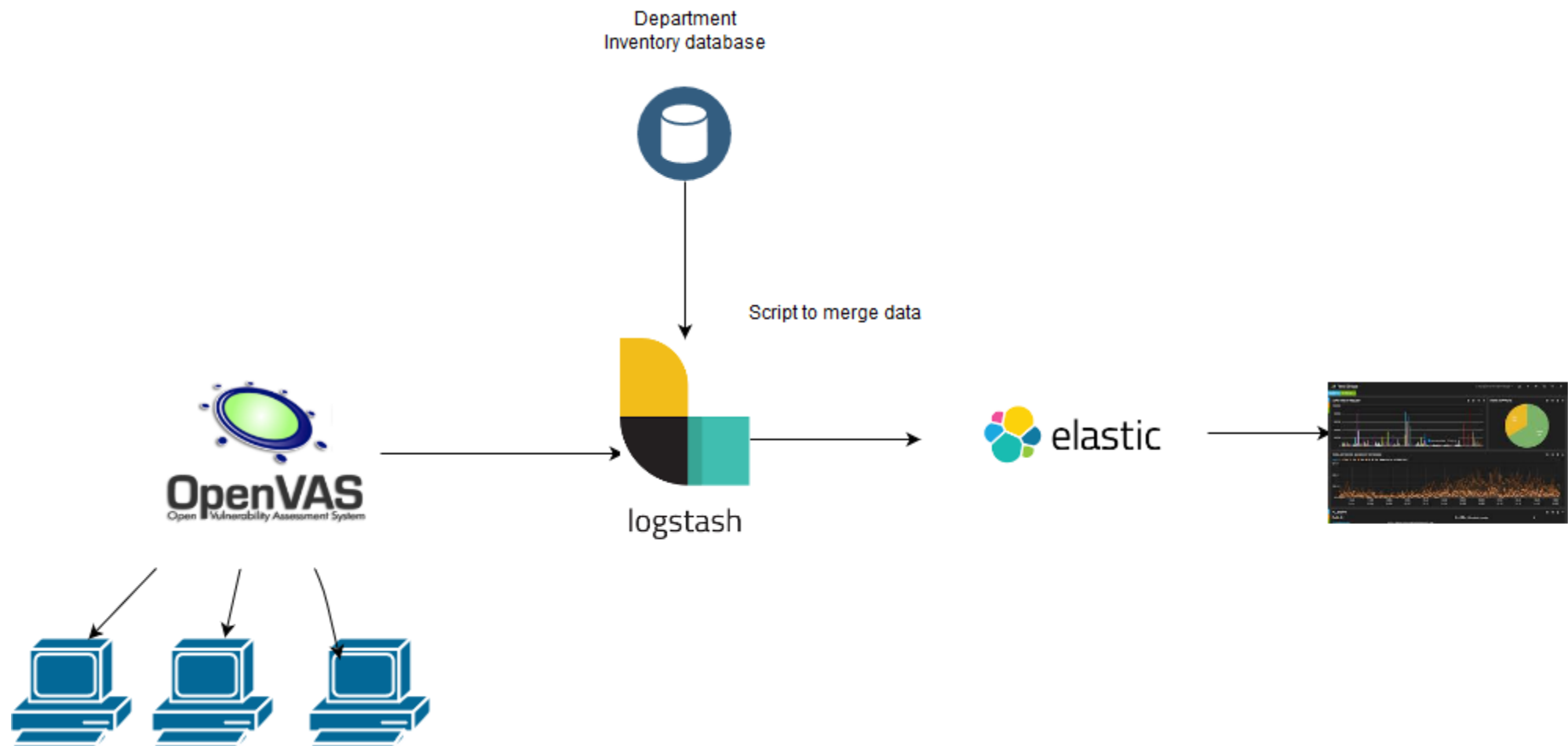
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

OpenVas

- Quite satisfy with the tool
 - Completely free
 - Active mailing list
- Reporting is not very intuitive and can be difficult to navigate
 - 100 page PDF reports
- Fair number of false positives
- Can be unstable
 - Problem might be at my end

What We Want

- Classify nodes on basis of types
 - Servers, Desktop, DAQ, Switches, Network attached devices
- Classify on basis of ownership structures
 - Sub-department, web admin, desktop admin
- Classify on basis of data sensitivity
- Status over the time



3.118 hits

New Save Open Share

Search... (e.g. status:200 AND extension:PHP)

- Uses lucene query syntax

 Discover

Add a filter +

Visualize

logstash-vulnwhisper ▾

[Dashboard](#)

Selected Fields

 Timelion

? source

 DevTools

Available Fields

Management

Popular

t CVEs

t_id

_score

t_type

t affected_software

t asset

t high

t host

```
t  hostname
```

t log

 Collapse

source

```

date: Tue Jul 3 13:43:13 2018 risk_score_name: medium vulnerability_detection_method: Details: DCE/RPC and MSRPC Services
Enumeration Reporting (OID: 1.3.6.1.4.1.25623.1.0.10736) Version used: $Revision: 6319 $ false_pos: 0 severity_rate: High
type: json see_also: report_ids: 22d75282-f27f-48f3-bb2b-a08d40f8594b path: /opt/vulnwhisperer/openvas/openvas_scan_22d7
5282f27f48f3bb2ba08d40f8594b_1530625393.json hostname: protocol: tcp high: 68 solution: Filte
r incoming traffic to this ports. affected_software: host: links: /omp?cmd=get_report&report_id=

```

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5282f27f48f3bb2ba08d40f8594b_1530625393.json hostname: protocol: tcp high: 68 solution: Filter
incoming traffic to this ports. affected_software: host: links: /omp?cmd=get_report&report_id=22

```

```
date: Tue Jul 3 13:43:13 2018 risk_score_name: medium vulnerability_detection_method: Details: DCE/RPC and MSRPC Services
Enumeration Reporting (OID: 1.3.6.1.4.1.25623.1.0.10736) Version used: $Revision: 6319 $ false_pos: 0 severity_rate: High
type: json see also: report ids: 22d75282-f27f-48f3-bb2b-a08d40f8594b path: /opt/vulnwhisperer/openvas/openvas_scan_22d7
```

 **kibana**

- Discover
- Visualize
- Dashboard
- Timeline
- Dev Tools
- Management

⌂ Collapse

Totalnoofassets

NUMBER OF HOSTS

745

totalcvss

SUM OF CVSS

12,537.7

