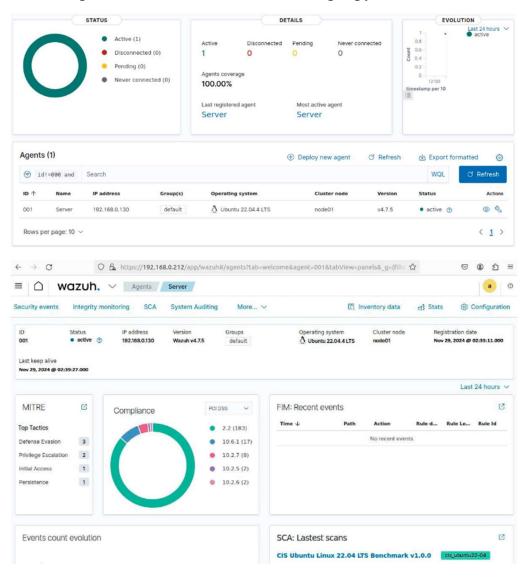
# Практическая работа №5

Выполнил студент - Князева Анастасия Михайловна группы: ББМО-01-23 Демонстрация подключения агента к серверу:



## Разворначиваем IDS Суриката:

```
knyaz@Ubuntu:- $ sudo docker pull quay.io/jasonish/suricata:latest
[sudo] password for vovan:
latest: Pulling from jasonish/suricata
b47560b41596: Pull complete
c72572c7dfab: Pull complete
e250c5405dc9: Pull complete
dbd455e75408: Pull complete
2a73d7ba249c: Pull complete
72aa4ce1bc4f: Pull complete
3f7e860e749b: Pull complete
503142e98646: Pull complete
6b1d37a2638b: Pull complete
6b1d37a2638b: Pull complete
020ab6100fd0: Pull complete
Digest: sha256:b76d6bc42a572757d01b9289f1da250c6414ae69183505f694f75cd14025129f
Status: Downloaded newer image for quay.io/jasonish/suricata:latest
quay.io/jasonish/suricata:latest
```

Внесение изменений для дальнейшего сбора логов suricata в конфиг xdr wazuh

#### Сканер уязвимостей NIKTO

#### Установка сканер уязвимостей Nikto:

```
root@Ubuntu:/home/knyaz# sudo apt install nikto -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
    libsigsegv2
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
    libwhisker2-perl
Suggested packages:
    nmap
The following NEW packages will be installed:
    libwhisker2-perl nikto
0 upgraded, 2 newly installed, 0 to remove and 271 not upgraded.
Need to get 344 kB of archives.
After this operation, 2 207 kB of additional disk space will be used.
Get:1 http://ru.archive.ubuntu.com/ubuntu jammy/universe amd64 libwhisker2-perl
all 2.5-1.2 [98,1 kB]
Get:2 http://ru.archive.ubuntu.com/ubuntu jammy/multiverse amd64 nikto all 1:2.1
.5-3.1 [246 kB]
Fetched 344 kB in 0s (1 300 kB/s)
Selecting previously unselected package libwhisker2-perl
(Reading database ... 330499 files and directories currently installed.)
Preparing to unpack .../libwhisker2-perl 2.5-1.2 all.deb ...
```

## Устанавливает интерпретатор Perl:

```
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.34.1-1ubuntu1.11).
git set to manually installed.
perl is already the newest version (5.34.0-3ubuntu1.3).
perl set to manually installed.
The following package was automatically installed and is no longer required:
    libsigsegv2
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 271 not upgraded.
root@Ubuntu:/home/knyaz# git clone https://github.com/sullo/nikto.git
Cloning into 'nikto'...
remote: Enumerating objects: 7457, done.
remote: Counting objects: 100% (1477/1477), done.
remote: Compressing objects: 100% (513/513), done.
remote: Total 7457 (delta 1112), reused 1256 (delta 963), pack-reused 5980 (from 1)
Receiving objects: 100% (7457/7457), 4.57 MiB | 3.68 MiB/s, done.
Resolving deltas: 100% (5422/5422), done.
```

#### Запуск Nikto:

```
- Nikto v2.1.5

+ Target IP: 192.168.0.212

+ Target Hostname: 192.168.0.212

+ Target Port: 443

+ SSL Info: Subject: /C=US/L=California/O=Wazuh/OU=Wazuh/CN=wazuh-dashboard

Ciphers: TLS_AES_256_GCM_SHA384

Issuer: /OU=Wazuh/O=Wazuh/L=California

+ Start Time: 2024-11-28 02:20:17 (GMT3)

+ Server: No banner retrieved

+ Uncommon header 'osd-name' found, with contents: Ubuntu

+ Uncommon header 'x-frame-options' found, with contents: sameorigin

+ Cookie security_authentication created without the secure flag

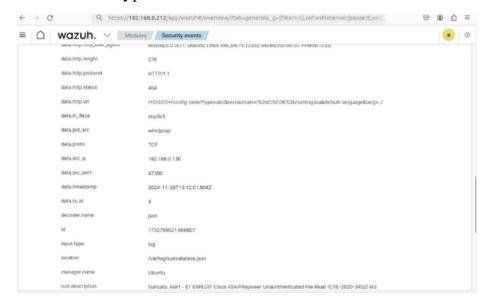
+ Cookie security_authentication created without the httponly flag

+ Root page / redirects to: /app/login?

+ No CGI Directories found (use '-C all' to force check all possible dirs)

+ Hostname '192.168.0.212' does not match certificate's CN 'wazuh-dashboard'
```

## События от сурикаты в SIEM:



## Полная установка Yara:

## Конфигурационный файл активного реагирования под утилиту yara:

# Просмотр сработавших правил в истории логов:

