Analizando nuestro tráfico. Implementación de IPS / IDS

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Lima, Perú

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Presentación Personal

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- Consultor y Entrenador ***MikroTik RouterOS***
- Experiencia con *MikroTik RouterOS* desde 1999
- Entrenador desde 2006

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MKE Solutions

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- Establecida en 2008
- Certificada en **ISO 9001:2015**
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- Soporte mensual (OutSourcing).
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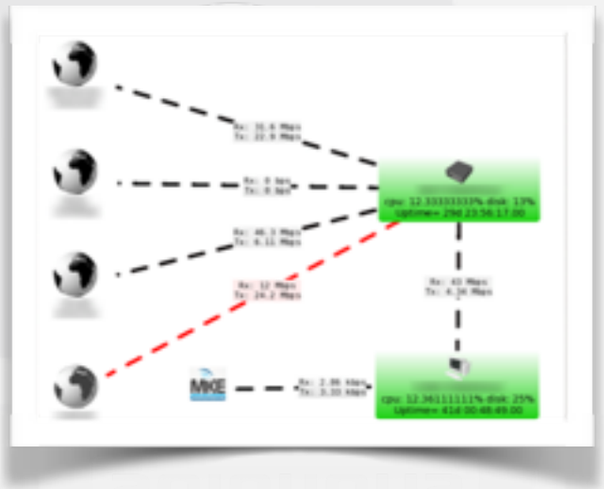
  - Actualización
  - Mantenimiento preventivo
  - Monitoreo
  - Asesoramiento
  - Soporte Prioritario
  - Guardia 24x7
  - Implementaciones Adicionales



Agenda

Desarrollo de la presentación:

- **IDS / IPS**
- **Suricata**: qué es?, cómo funciona? cómo se instala?
- **Suricata-Update**
- **Suricata2MikroTik**
- **TrapIPS**
- Integración con **RouterOS**
- Recursos y bibliografía

IDS / IPS

IDS (Intrusion Detection System)

- Es un dispositivo o aplicación que analiza paquetes completos, tanto cabeceras como payload, en busca de eventos conocidos.
- Cuando se detecta un evento se genera un mensaje de log.

IPS (Intrusion Prevention System)

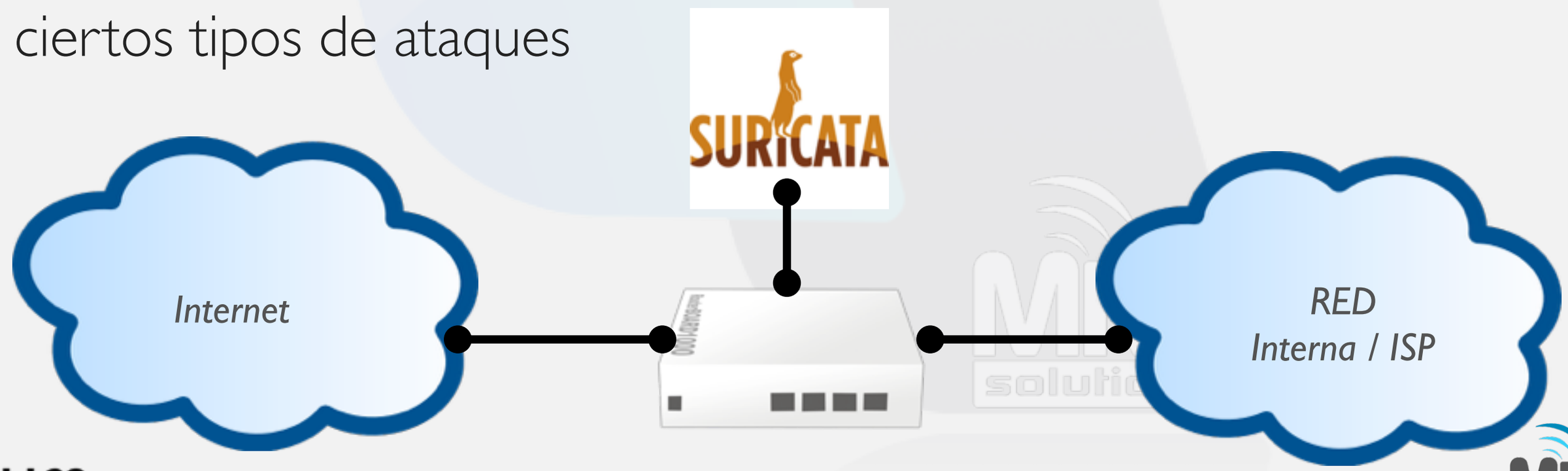
- Es un dispositivo o aplicación que analiza paquetes completos, tanto cabeceras como payload en busca de eventos conocidos.
- Utiliza *Firmas*, *Patrones de comportamientos*, *Políticas de seguridad*
- Cuando se detecta un evento conocido se trata con una acción (drop, reject, alert, pass)

Suricata

Suricata - Qué es?

Suricata:

- Es un IDS / IPS
- Gratuito, Open Source, rápido y robusto.
- Se puede descargar desde: ***https://suricata-ids.org/***
- Puede trabajar en conjunto con ***RouterOS*** para detectar intrusos o ciertos tipos de ataques



Suricata - Instalación

La instalación de ***Suricata*** puede ser a través de su código fuente o con los pre empaquetados del SO

- Debian: ***apt-get install suricata***.
- Fuente:

wget https://www.openinfosecfoundation.org/download/suricata-4.1.2.tar.gz

tar -xvzf suricata-4.1.2.tar.gz ; cd suricata-4.1.2
./configure --prefix=/usr --sysconfdir=/etc --localstatedir=/var

make

make install

make install-rules

Suricata - Configuración

La configuración de ***Suricata*** se realiza en ***/etc/suricata/suricata.yaml***

Hay que definir:

- Las redes internas:

  HOME_NET:"[192.168.0.0/16,10.0.0.0/8,172.16.0.0/12]"

- Activar el formato ***EVE*** con:

  - eve-log:

  enabled: yes

  filetype: regular

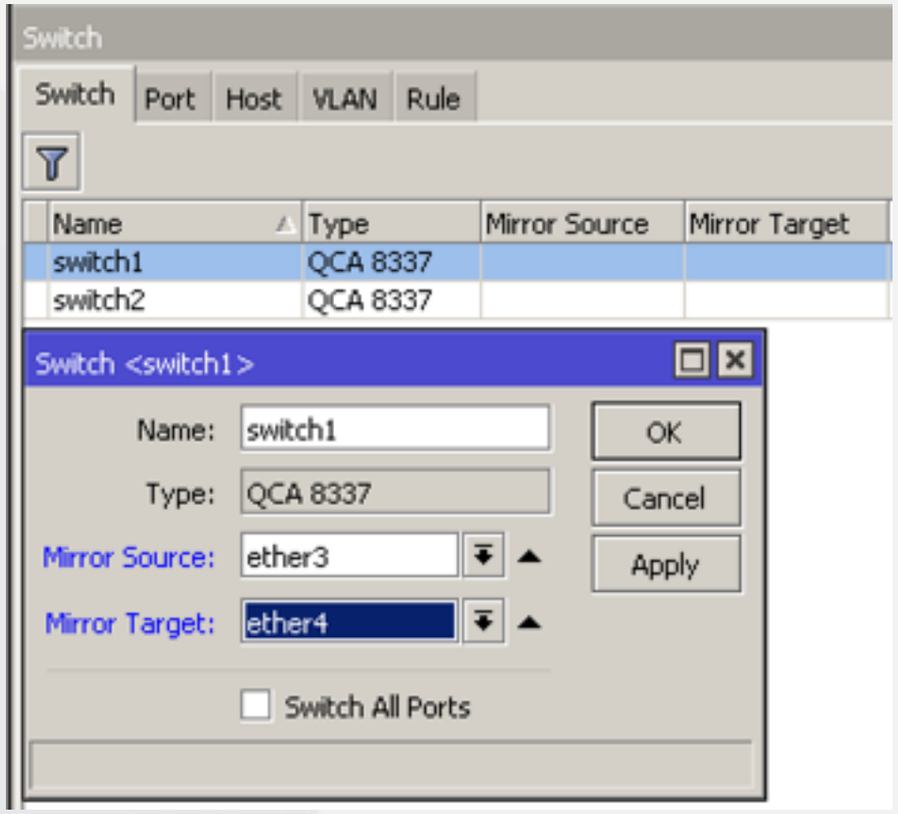
  filename: eve.json

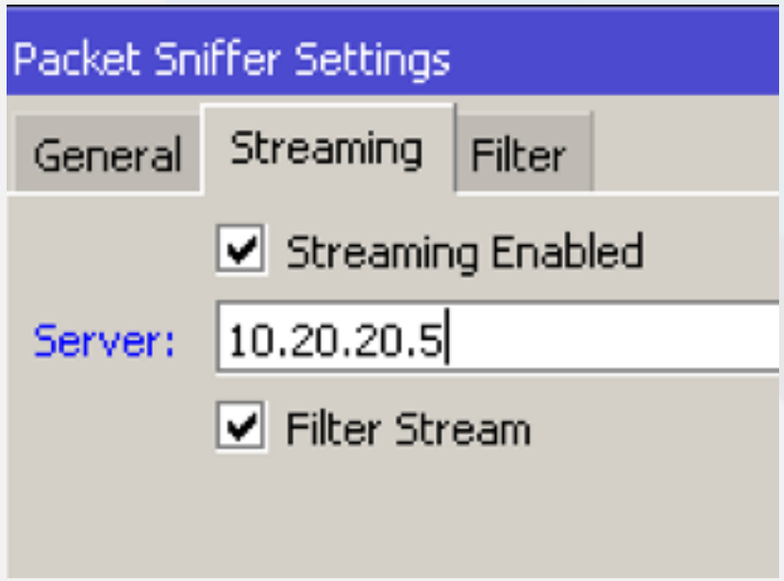
Suricata - Integración con rOS

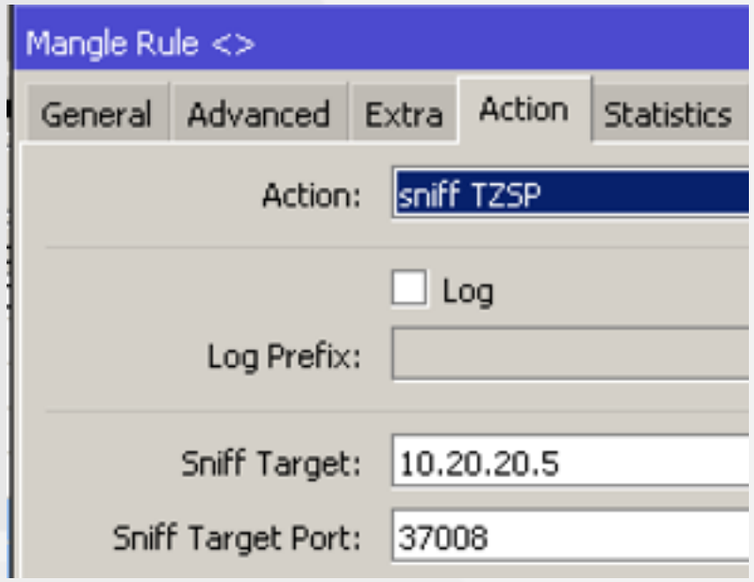
Para que empiece a trabajar hay que redireccionar el tráfico desde el *MikroTik RouterOS* hacia *Suricata*

Podemos realizarlo con:

- ***Port Mirror*** (Switch)
- ***Packet Sniffer*** (Tool Packet Sniffer)
- ***Mangle*** (Sniff TZSP)







Suricata - Logs

```
[**] [1:2101447:14] GPL POLICY MS Remote Desktop Request RDP [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 200.143.168.28:55979 -> 192.168.
[**] [1:2008585:4] ET P2P BitTorrent DHT announce_peers request [**] [Classification: Potential Corporate Privacy Violation] [Priority: 1] {UDP} 192.168.28.88:50321 ->
[**] [1:2226001:1] SURICATA Kerberos 5 weak encryption parameters [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {UDP} 65.55.42.42:88 -> 192.168.
[**] [1:2226001:1] SURICATA Kerberos 5 weak encryption parameters [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {UDP} 65.55.42.42:88 -> 192.168.
[**] [1:2226001:1] SURICATA Kerberos 5 weak encryption parameters [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {UDP} 65.55.42.42:88 -> 192.168.
[**] [1:2210054:1] SURICATA STREAM excessive retransmissions [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 23.206.67.83:443 -> 192.168.20.
[**] [1:2001329:9] ET POLICY RDP connection request [**] [Classification: Misc activity] [Priority: 3] {TCP} 221.132.29.233:56454 -> 192.168.100.80:3389
[**] [1:2101447:14] GPL POLICY MS Remote Desktop Request RDP [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 221.132.29.233:56454 -> 192.168.
[**] [1:2001330:8] ET POLICY RDP connection confirm [**] [Classification: Misc activity] [Priority: 3] {TCP} 192.168.100.80:3389 -> 221.132.29.233:56454
[**] [1:2001329:9] ET POLICY RDP connection request [**] [Classification: Misc activity] [Priority: 3] {TCP} 193.32.160.50:37045 -> 192.168.100.80:3389
[**] [1:2101447:14] GPL POLICY MS Remote Desktop Request RDP [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 193.32.160.50:37045 -> 192.168.
[**] [1:2001330:8] ET POLICY RDP connection confirm [**] [Classification: Misc activity] [Priority: 3] {TCP} 192.168.100.80:3389 -> 193.32.160.50:37045
[**] [1:2001330:8] ET POLICY RDP connection confirm [**] [Classification: Misc activity] [Priority: 3] {TCP} 192.168.100.80:3389 -> 185.156.177.113:57276
[**] [1:2001330:8] ET POLICY RDP connection confirm [**] [Classification: Misc activity] [Priority: 3] {TCP} 192.168.100.80:3389 -> 193.32.160.50:16679
[**] [1:2001329:9] ET POLICY RDP connection request [**] [Classification: Misc activity] [Priority: 3] {TCP} 193.32.160.50:37761 -> 192.168.100.80:3389
[**] [1:2012709:5] ET POLICY MS Remote Desktop Administrator Login Request [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 193.32.160.50:377
[**] [1:2101447:14] GPL POLICY MS Remote Desktop Request RDP [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 193.32.160.50:37761 -> 192.168.
[**] [1:2001330:8] ET POLICY RDP connection confirm [**] [Classification: Misc activity] [Priority: 3] {TCP} 192.168.100.80:3389 -> 193.32.160.50:37761
[**] [1:2100230:3] GPL CHAT Jabber/Google Talk Outgoing Traffic [**] [Classification: Not Suspicious Traffic] [Priority: 3] {TCP} 192.168.25.212:43577 -> 64.233.168.12
[**] [1:2001329:9] ET POLICY RDP connection request [**] [Classification: Misc activity] [Priority: 3] {TCP} 193.32.160.50:38469 -> 192.168.100.80:3389
[**] [1:2101447:14] GPL POLICY MS Remote Desktop Request RDP [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 193.32.160.50:38469 -> 192.168.
[**] [1:2001330:8] ET POLICY RDP connection confirm [**] [Classification: Misc activity] [Priority: 3] {TCP} 192.168.100.80:3389 -> 193.32.160.50:38469
```

```
1:6920044:1] MKE TrapIPS Related TLS SNI (spotify.com) [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {TCP} 192.168.10.2
1:6920024:1] MKE TrapIPS  DNS request for whatsapp.com [**] [Classification: Messenger app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.17:6222
1:6920023:1] MKE TrapIPS Related TLS SNI (whatsapp.com) [**] [Classification: Messenger app detection by TrapIPS] [Priority: 2] {TCP} 192.168.10.17:509
1:2600024:1] TGI HUNT directory traversal chars in HTTP [**] [Classification: Potentially Bad Traffic] [Priority: 2] {TCP} 190.94.187.10:80 -> 192.168.
1:2010935:3] ET SCAN Suspicious inbound to MSSQL port 1433 [**] [Classification: Potentially Bad Traffic] [Priority: 2] {TCP} 101.200.180.112:51605 ->
1:2012647:5] ET POLICY Dropbox.com Offsite File Backup in Use [**] [Classification: Potential Corporate Privacy Violation] [Priority: 1] {TCP} 162.125.
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.25
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.25
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.25
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.25
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.25
1:6920044:1] MKE TrapIPS Related TLS SNI (spotify.com) [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {TCP} 192.168.10.2
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.17
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.17
1:6920045:1] MKE TrapIPS  DNS request for spotify.com [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {UDP} 192.168.10.17
1:6920044:1] MKE TrapIPS Related TLS SNI (spotify.com) [**] [Classification: Media-Streaming app detection by TrapIPS] [Priority: 2] {TCP} 192.168.10.1
1:10003917:1] ATTACK [PTsecurity] Mikrotik <6.42 Password disclosure path traversal (CVE-2018-14847) [**] [Classification: Attempted Administrator Priv
1:10003917:1] ATTACK [PTsecurity] Mikrotik <6.42 Password disclosure path traversal (CVE-2018-14847) [**] [Classification: Attempted Administrator Priv
1:10003917:1] ATTACK [PTsecurity] Mikrotik <6.42 Password disclosure path traversal (CVE-2018-14847) [**] [Classification: Attempted Administrator Priv
1:2003068:7] ET SCAN Potential SSH Scan OUTBOUND [**] [Classification: Attempted Information Leak] [Priority: 2] {TCP} 10.200.200.19:57730 -> 45.63.110
1:2271003:1] SURICATA Port 443 but not TLS [**] [Classification: Generic Protocol Command Decode] [Priority: 3] {TCP} 192.168.10.16:55373 -> 149.154.17
```

Suricata - Rules Update

Es necesario mantener la base de datos de reglas actualizadas, para ello utilizaremos ***suricata-update***

Suricata-update permite actualizar las reglas desde varias listas:

```
Name: oisf/trafficid
  Vendor: OISF
  Summary: Suricata Traffic ID ruleset
  License: MIT
Name: et/open
  Vendor: Proofpoint
  Summary: Emerging Threats Open Ruleset
  License: MIT
Name: et/pro
  Vendor: Proofpoint
  Summary: Emerging Threats Pro Ruleset
  License: Commercial
  Replaces: et/open
  Parameters: secret-code
Name: sslbl/ssl-fp-blacklist
  Vendor: Abuse.ch
  Summary: Abuse.ch SSL Blacklist
  License: Non-Commercial
Name: ptresearch/attackdetection
  Vendor: Positive Technologies
  Summary: Positive Technologies Attack Detection Team ruleset
  License: Custom
```

Suricata - Rules Update

2026027	ET TROJAN [PT MALWARE] Hacked Mikrotik C2 Request	Created: 2018-08-23	Updated: 2018-08-23	Category: emerging-trojan	Alerts 0
2025972	ET EXPLOIT Mikrotik Winbox RCE Attempt (CVE-2018-14847)	Created: 2018-08-06	Updated: 2018-09-11	Category: emerging-exploit	Alerts 0
2025426	ET EXPLOIT MikroTik RouterOS Chimay Red Remote Code Execution Probe	Created: 2018-03-13	Updated: 2018-03-13	Category: emerging-exploit	Alerts 0
10002456	ATTACK [PTsecurity] Mikrotik Router OS 6.38.4 Stack Clash RCE	Created:	Updated:	Category: pt-rules	Alerts 0
10002457	ATTACK [PTsecurity] Mikrotik Router OS 6.38.4 Stack Clash RCE	Created:	Updated:	Category: pt-rules	Alerts 0
10002680	ATTACK [PTsecurity] Mikrotik <6.41.3 <6.42rc27 RCE Attempt (CVE-2018-7445)	Created:	Updated:	Category: pt-rules	Alerts 0
10002681	ATTACK [PTsecurity] ShellCode Upload Mikrotik <6.41.3 <6.42rc27 RCE (CVE-2018-7445)	Created:	Updated:	Category: pt-rules	Alerts 0
10002682	ATTACK [PTsecurity] Successful Mikrotik <6.41.3 <6.42rc27 RCE (CVE-2018-7445)	Created:	Updated:	Category: pt-rules	Alerts 0
10003917	ATTACK [PTsecurity] Mikrotik <6.42 Password disclosure path traversal (CVE-2018-14847)	Created:	Updated:	Category: pt-rules	Alerts 0

```
alert tcp any any -> $HOME_NET any (msg:"ET EXPLOIT Mikrotik Winbox RCE Attempt (CVE-2018-14847)"; flow:established,to_server; content:"|680100664d320500ff010600ff09050700
ff090701000021352f2f2f2f2f2e2f2e2e2f2f2f2f2f2f2e2f2e2e2f2f2f2f2f2f2e2f2e2e2f666c6173682f72772f73746f72652f757365722e6461740200ff8802000000000000800000000100ff8802000200000002
000000|"; offset:0; metadata: former_category EXPLOIT; reference:url,github.com/mrmtwoj/0day-mikrotik; reference:url,www.helpnetsecurity.com/2018/08/03/mikrotik-cryptojack
ing-campaign; reference:cve,2018-14847; classtype:attempted-admin; sid:2025972; rev:3; metadata:affected_product Linux, attack_target Networking_Equipment, deployment Peri
meter, signature_severity Major, created_at 2018_08_06, updated_at 2018_09_11;)
```

Suricata - Rules Update

Para instalar ***suricata-update***:

Requiere de ***python*** y ***pip***

pip install --pre --upgrade suricata-update

Agregamos al ***suricata.yaml***:

default-rule-path: /var/lib/suricata/rules

rule-files:

- suricata.rules

Actualizamos con:

suricata-update

```
6/11/2018 -- 00:13:43 - <Info> -- Done.
6/11/2018 -- 00:13:43 - <Info> -- Checking https://raw.githubusercontent.com/ptresearch/AttackDetection/master/pt.rules.t
6/11/2018 -- 00:13:44 - <Info> -- Remote checksum has not changed. Not fetching.
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/app-layer-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/decoder-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/dnp3-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/dns-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/http-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/modbus-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/smtp-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/stream-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Loading distribution rule file /etc/suricata/rules/tls-events.rules
6/11/2018 -- 00:13:44 - <Info> -- Ignoring file rules/emerging-deleted.rules
6/11/2018 -- 00:13:46 - <Info> -- Loaded 24253 rules.
6/11/2018 -- 00:13:47 - <Info> -- Disabled 18 rules.
6/11/2018 -- 00:13:47 - <Info> -- Enabled 0 rules.
6/11/2018 -- 00:13:47 - <Info> -- Modified 0 rules.
6/11/2018 -- 00:13:47 - <Info> -- Dropped 0 rules.
6/11/2018 -- 00:13:47 - <Info> -- Enabled 36 rules for flowbit dependencies.
6/11/2018 -- 00:13:47 - <Info> -- Backing up current rules.
6/11/2018 -- 00:13:50 - <Info> -- Writing rules to /var/lib/suricata/rules/suricata.rules: total: 24253; enabled: 19309;
6/11/2018 -- 00:13:50 - <Info> -- Testing with suricata -T.
6/11/2018 -- 00:13:59 - <Info> -- Done.
```

Suricata - Reportes

Es posible integrarlo con otras Aplicaciones para un reporte mas "amigable", podemos integrar ***ELK*** (Elasticsearch, Logstash, Kibana)

Suricata - SELKS

Existen distribuciones listas para utilizar:

- ***SELKS*** (Live CD - Open Source *IDS/IPS* basado en *Debian*) bajo GPLv3 por ***Stamus Networks***

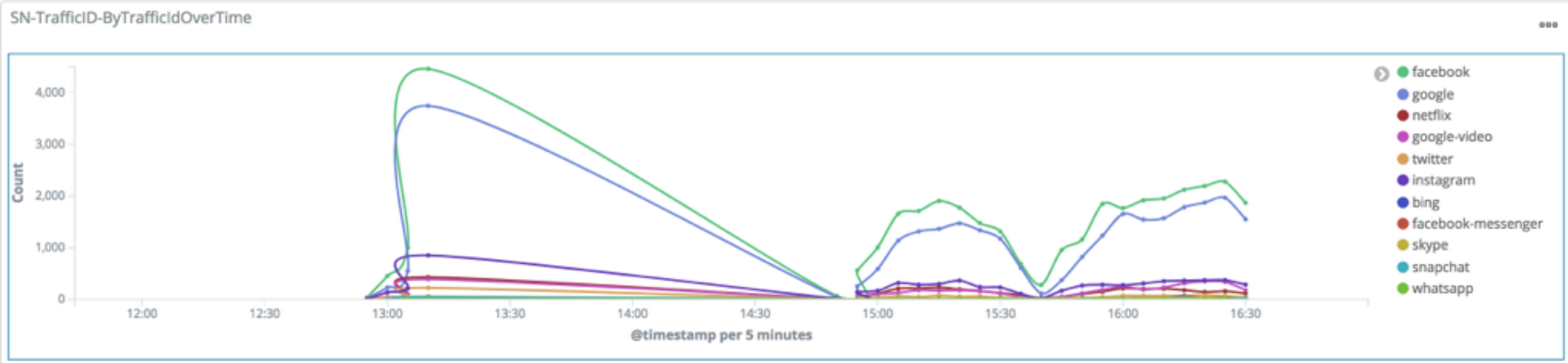
  SELKS tiene los siguientes componentes:

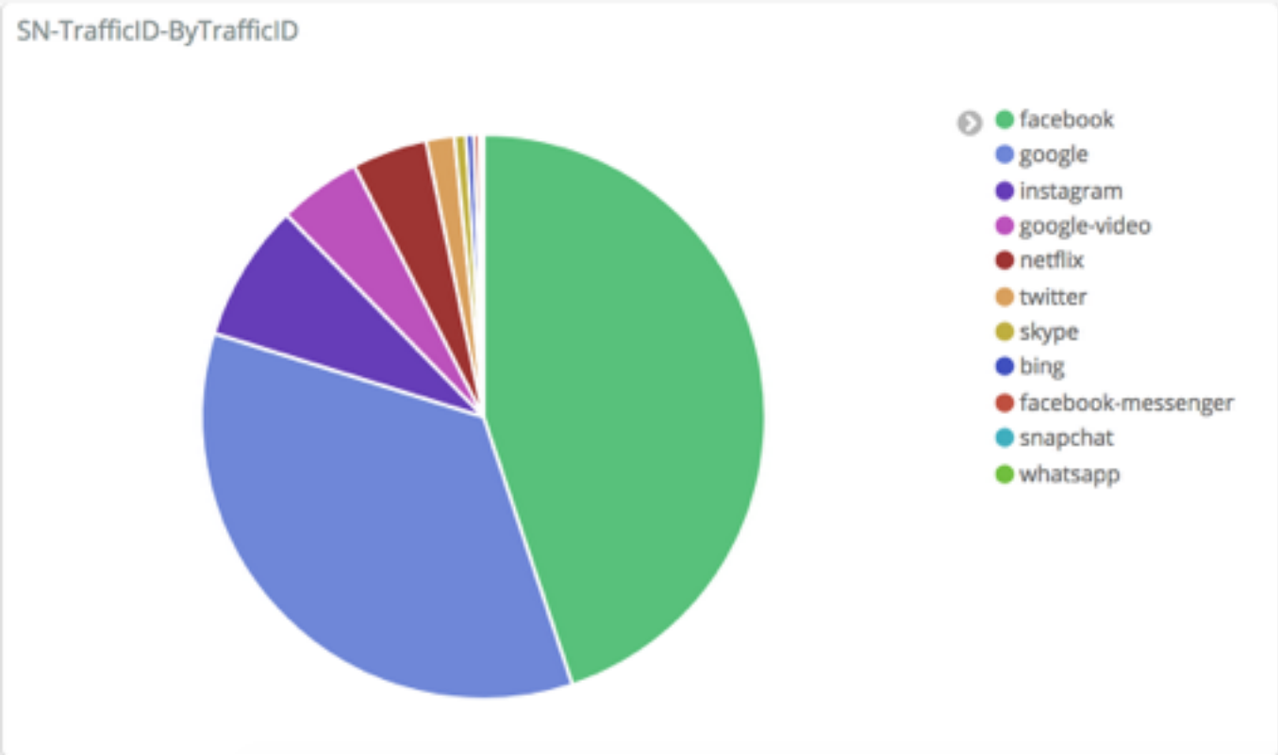
  - S - ***Suricata*** - http://suricata-ids.org/
  - E - ***Elasticsearch*** - http://www.elasticsearch.org/overview/
  - L - ***Logstash*** - http://www.elasticsearch.org/overview/
  - K - ***Kibana*** - http://www.elasticsearch.org/overview/
  - S - ***Scirius*** - https://github.com/StamusNetworks/scirius
  - ***EveBox*** - https://codemonkey.net/evebox/

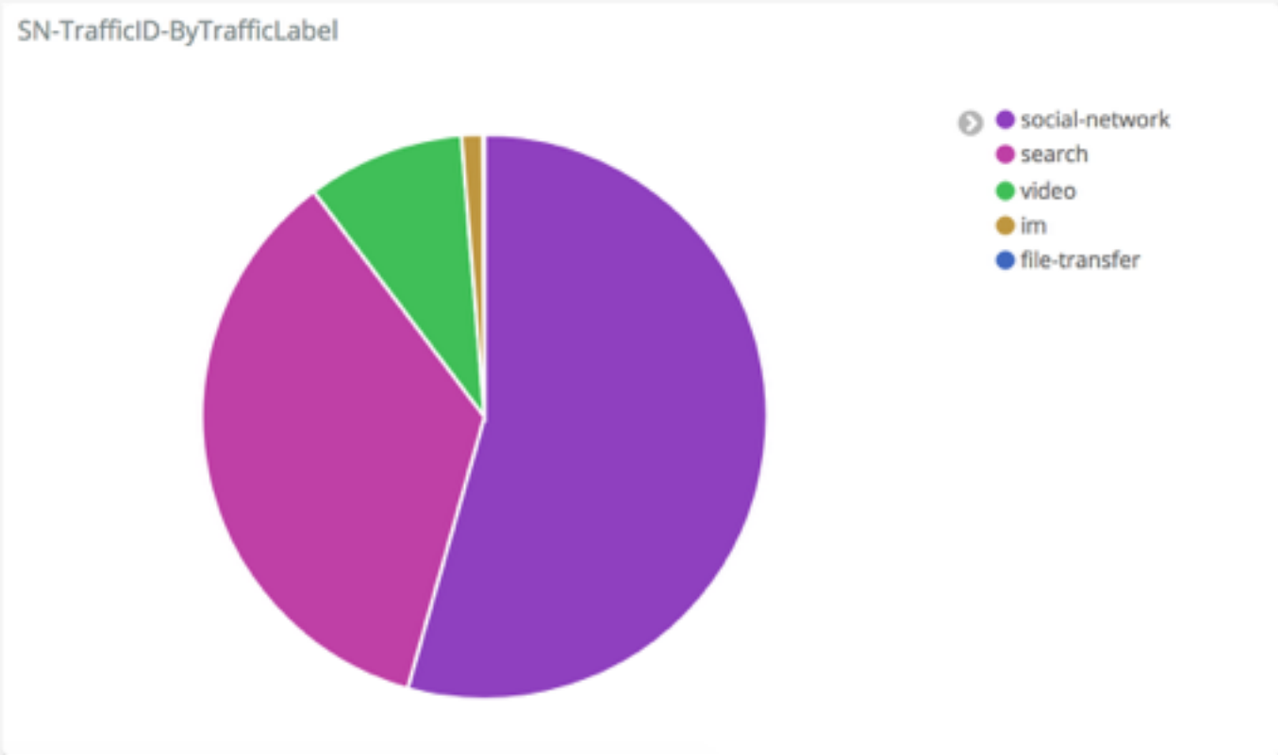
- Disponible en https://github.com/StamusNetworks/SELKS

Suricata - SELKS

- *SELKS > Kibana > SN-TrafficID*

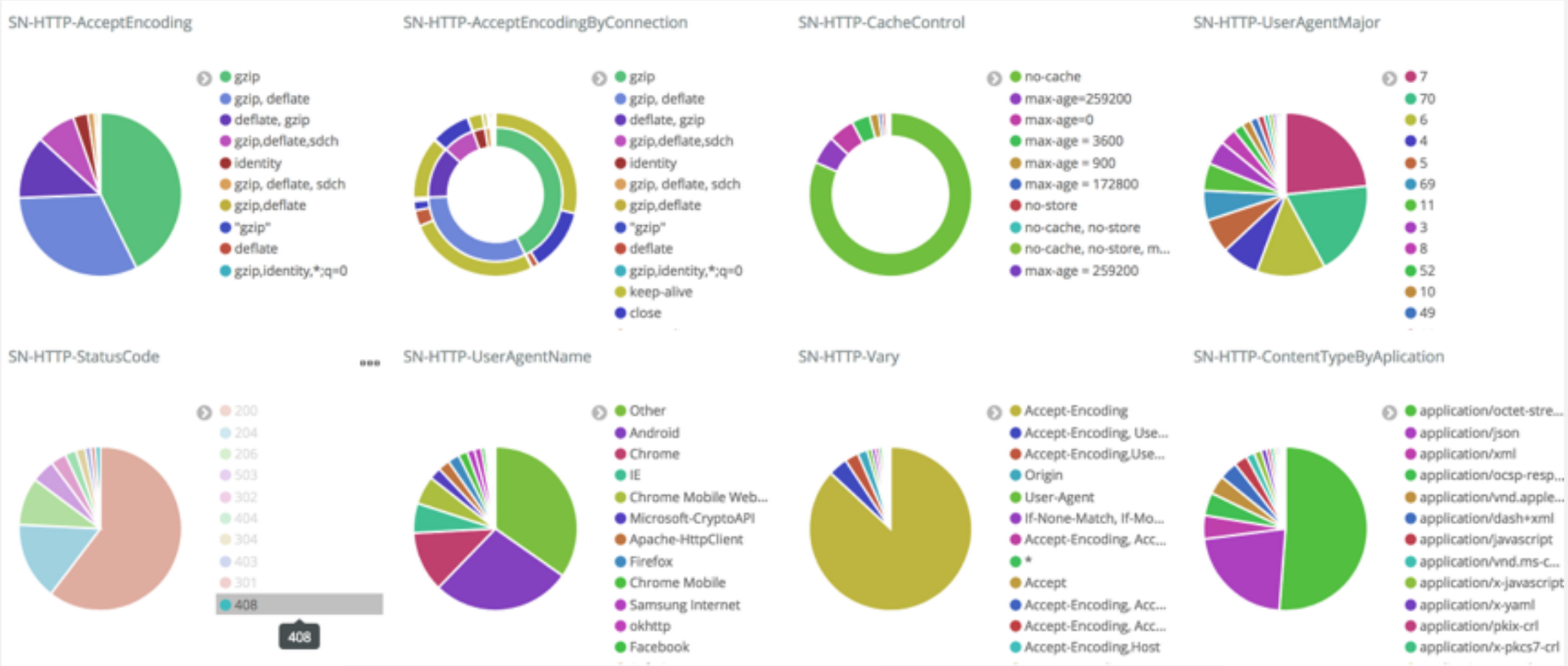


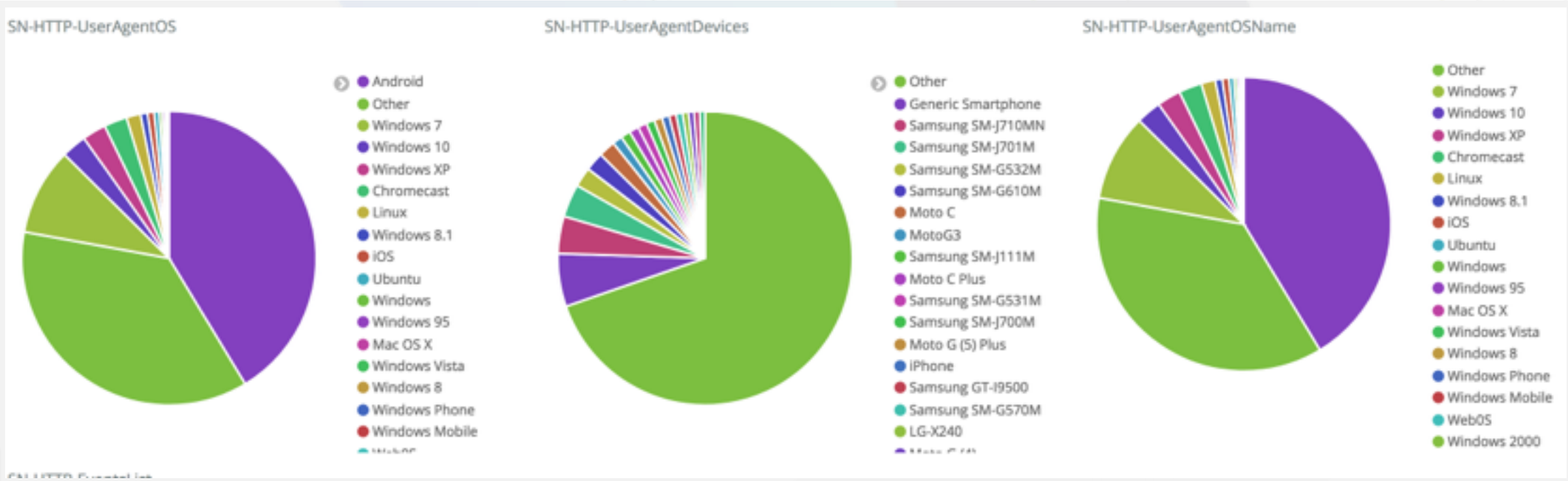




Suricata - SELKS

- *SELKS > Kibana > SN-HTTP*





Suricata - SELKS

- *SELKS > Scirius CE*

5 Sources

ETOpen Ruleset	Last update: Oct. 30, 2018, 9:19 p.m..	**45** Categories	**25138** Rules	View

Type sigs
URI https://rules.emergingthreats.net/open/suricata-git/emerging.rules.tar.gz
Creation date Oct. 24, 2018, 1:25 p.m.

Etnetera aggressi...	Last update: Oct. 30, 2018, 9:17 p.m..	**1** Category	**79** Rules	View
Positive Technolo...	Last update: Oct. 30, 2018, 9:17 p.m..	**1** Category	**128** Rules	View

Type sigs
URI https://raw.githubusercontent.com/ptresearch/AttackDetection/master/pt.rules.tar.gz
Creation date Oct. 30, 2018, 9:16 p.m.

SSLBL abuse.ch	Last update: Oct. 30, 2018, 9:20 p.m..	**1** Category	**2830** Rules	View
Suricata Traffic I...	Last update: Oct. 30, 2018, 9:20 p.m..	**1** Category	**34** Rules	View

Proyecto

Suricata2MikroTik IPS

-Community Edition-

Suricata2MikroTik— Qué es?

Suricata2MikroTik -Community Edition- IPS

- Módulo que lee el logging *EVE* de *Suricata* para buscar alertas particulares
- Al encontrarlas toma una acción (*IPS*) y se conecta al *RouterOS* vía *API* para bloquear el *IP Address* atacante.
- Se pueden personalizar la acción a realizar (por defecto agrega un IP a un *Address list*)
- Gratuito, Open Source, Colaborativo (Alojado en *Github*)
- Actualización del proyecto *MikroTik Suricata IPS*

Suricata2MikroTik

Notificaciones:

- Permite enviar notificaciones vía ***Email*** / ***Telegram***

Administración:

- Panel Web de monitoreo y actualizaciones

Requerimientos:

- *Suricata* con logging ***eve.json***
- *Git*
- *IP Address y credenciales de login con acceso write (API)*

Suricata2MikroTik

Suricata2MikroTik Panel Web:

- Monitorear las "alertas bloqueadas" activas
- Crear y actualizar las Reglas (Alertas a bloquear)
- Permite Geolocalizar el IP Atacante

Active Top Ten IP Attack

Count	IP Block	Country
11	109.248.9.16	Russian Federation
5	176.119.4.12	Ukraine
4	176.119.4.29	Ukraine
4	194.55.142.41	Germany
4	176.119.4.56	Ukraine
3	185.255.31.78	
3	45.227.253.6	
3	77.72.85.8	Russian Federation
2	176.119.4.50	Ukraine
2	176.119.4.53	Ukraine

Active Top Ten Alert Rules

Count	Alert	Sid
27	ET DROP Dshield Block Listed Source group 1	2402000
14	ETN AGGRESSIVE IPs Group 2	5000002
13	ETN AGGRESSIVE IPs Group 3	5000003
4	ETN AGGRESSIVE IPs Group 10	5000010
3	ETN AGGRESSIVE IPs Group 4	5000004
2	ETN AGGRESSIVE IPs Group 8	5000008
2	ETN AGGRESSIVE IPs Group 19	5000019
2	ETN AGGRESSIVE IPs Group 13	5000013
2	ET DROP Spamhaus DROP Listed Traffic Inbound group 6	2400005
1	ET CINS Active Threat Intelligence Poor Reputation IP group 81	2403380

Suricata2MikroTik

Instalación:

- Clonar el repositorio de ***GitHub***

  cd /var/www/html/
  git clone https://github.com/elmaxid/suricata2mikrotik.git
  cd suricata2mikrotik

- Editar archivo ***config.php*** *(Datos DB, Router Login, notificaciones, etc)*

- *Crear esquema DB:*

  mysql -u user -p < schema.sql

Suricata2MikroTik

Instalación:

- Setear los permisos de ejecución para los archivos que inician los servicios

  *chmod +x /var/www/html/suricata2mikrotik/bin/start**

- Ejecutar iniciador de servicios

  cd /var/www/html/suricata2mikrotik/bin/

  ./start_ips

  ./start_suricata

Funcionamiento:

- Reenviar el tráfico desde el ***Router MikroTik*** que se desea analizar con alguno de las opciones ya vistas.

Suricata2MikroTik

Suricata2Mikrotik

Suricata2MikroTik IPS

Uptime 8 days | Load Avr: 2.22 2.75 3.09 2/1444 | MEM Free: 49.57%

Suricata IDS: OK | IPS Daemon: OK | API: OK

Active Alert Blocked (89) - Time: 14:09:39

Time	IP Block	Rule	SID	Action
a minute ago	125.64.94.201	ET DROP Dshield Block Listed Source group 1	2402000	
a minute ago	176.119.4.7	ET DROP Dshield Block Listed Source group 1	2402000	
3 minutes ago	185.255.31.69	ET DROP Dshield Block Listed Source group 1	2402000	
4 minutes ago	85.233.153.69	ET CINS Active Threat Intelligence Poor Reputation IP group 84	2403383	
4 minutes ago	1.1.2.119	ET POLICY Outgoing Basic Auth Base64 HTTP Password detected unencrypted	2006380	
5 minutes ago	89.35.39.78	ET CINS Active Threat Intelligence Poor Reputation IP group 92	2403391	
8 minutes ago	77.72.85.8	ET DROP Dshield Block Listed Source group 1	2402000	
8 minutes ago	185.153.197.6	ET DROP Dshield Block Listed Source group 1	2402000	
9 minutes ago	176.119.4.9	ET DROP Dshield Block Listed Source group 1	2402000	
12 minutes ago	176.119.4.49	ET DROP Dshield Block Listed Source group 1	2402000	
28 minutes ago	62.173.154.248	ETN AGGRESSIVE IPs Group 4	5000004	
38 minutes ago	83.252.127.164	ET CINS Active Threat Intelligence Poor Reputation IP group 81	2403380	
57 minutes ago	198.108.66.28	ET DROP Dshield Block Listed Source group 1	2402000	
57 minutes ago	198.108.66.29	ET DROP Dshield Block Listed Source group 1	2402000	
1 hour ago	115.238.245.14	ETN AGGRESSIVE IPs Group 13	5000013	
1 hour ago	176.119.4.53	ET DROP Dshield Block Listed Source group 1	2402000	
1 hour ago	176.119.4.56	ET DROP Dshield Block Listed Source group 1	2402000	
1 hour ago	194.55.142.41	ET DROP Dshield Block Listed Source group 1	2402000	
1 hour ago	196.52.43.125	ETN AGGRESSIVE IPs Group 20	5000020	
1 hour ago	176.119.4.50	ET DROP Dshield Block Listed Source group 1	2402000	
1 hour ago	5.101.40.252	ET CINS Active Threat Intelligence Poor Reputation IP group 4	2403303	
1 hour ago	196.52.43.62	ETN AGGRESSIVE IPs Group 19	5000019	
1 hour ago	61.164.97.74	ET CINS Active Threat Intelligence Poor Reputation IP group 56	2403355	
1 hour ago	196.52.43.56	ETN AGGRESSIVE IPs Group 16	5000016	
1 hour ago	176.119.4.51	ET DROP Dshield Block Listed Source group 1	2402000	

Active Top Ten IP Attack

Count	IP Block	Country
11	109.248.9.16	Russian Federation
5	176.119.4.12	Ukraine
4	176.119.4.29	Ukraine
4	194.55.142.41	Germany
4	176.119.4.56	Ukraine
3	185.255.31.78	
3	45.227.253.6	
3	77.72.85.8	Russian Federation
2	176.119.4.50	Ukraine
2	176.119.4.53	Ukraine

Active Top Ten Alert Rules

Count	Alert	Sid
27	ET DROP Dshield Block Listed Source group 1	2402000
14	ETN AGGRESSIVE IPs Group 2	5000002
13	ETN AGGRESSIVE IPs Group 3	5000003
4	ETN AGGRESSIVE IPs Group 10	5000010
3	ETN AGGRESSIVE IPs Group 4	5000004
2	ETN AGGRESSIVE IPs Group 8	5000008
2	ETN AGGRESSIVE IPs Group 19	5000019
2	ETN AGGRESSIVE IPs Group 13	5000013
2	ET DROP Spamhaus DROP Listed Traffic Inbound group 6	2400005
1	ET CINS Active Threat Intelligence Poor Reputation IP group 81	2403380

MKE Solutions

Suricata2Mikrotik CE -Community Edition-

Reglas / Patrones para bloquear

Active Alerts Rules (23)

Rule	IP Block	Timeout
ET CINS Active Threat Intelligence Poor Reputation IP	src	01:00:00
ET CNC Ransomware Tracker Reported CnC Server	dst	01:59:59
ET COMPROMISED Known Compromised or Hostile Host Traffic	src	01:00:00
ET DOS DNS Amplification Attack Inbound	src	02:00:00
ET DOS Possible NTP DDoS Inbound Frequent	src	00:10:00
ET DROP Dshield Block Listed Source	src	01:00:00
ET DROP Spamhaus DROP Listed Traffic Inbound	src	01:00:00
ET POLICY Outgoing Basic Auth Base64 HTTP Password detected unencrypted	dst	23:59:59
ET POLICY Suspicious inbound to	src	01:00:00
ET POLICY Suspicious inbound to mySQL port 3306	src	00:10:00
ET SCAN Behavioral Unusually fast Terminal Server Traffic, Potential Scan or Infection (Inbound)	src	00:10:00
ET SCAN SipCLI VOIP Scan	src	01:00:00
ET SCAN Sipvicious Scan	src	01:00:00
ET SCAN Sipvicious User-Agent Detected (friendly-scanner)	src	01:00:00
ET TOR Known Tor Relay/Router (Not Exit) Node Traffic	src	01:00:00
ET TROJAN MS Terminal Server	src	01:00:00
ET VOIP Modified Sipvicious Asterisk PBX User-Agent	src	01:00:00
ET VOIP Multiple Unauthorized SIP Responses UDP	dst	00:59:59
GPL ATTACK_RESPONSE id check returned root	src	00:01:10
GPL DNS named version attempt	src	01:00:00
GPL RPC portmap listing UDP 111	src	01:00:00
GPL RPC xdmcp info query	src	01:00:00
GPL SNMP public access udp	src	01:00:00

Suricata2MikroTik

Firewall

Filter Rules | NAT | Mangle | Raw | Service Ports | Connections | Address Lists | Layer7 Protocols

Find: Blocked

	Name	Address	Timeout	Creation Time	Comment
D	Blocked	176.119.4.53	00:59:56	Nov/09/2018 13:14:31	From SuricataIPS, ETN AGGRESSIVE IPs Group 3 => 1:5000003 => event timestamp: 2018-11-09 14:13:32
D	Blocked	188.246.226.71	00:59:54	Nov/09/2018 13:14:29	From SuricataIPS, ETN AGGRESSIVE IPs Group 8 => 1:5000008 => event timestamp: 2018-11-09 14:13:29
D	Blocked	185.101.33.2	00:59:50	Nov/09/2018 13:14:25	From SuricataIPS, ETN AGGRESSIVE IPs Group 25 => 1:5000025 => event timestamp: 2018-11-09 14:13:28
D	Blocked	196.52.43.98	00:59:48	Nov/09/2018 13:14:23	From SuricataIPS, ETN AGGRESSIVE IPs Group 17 => 1:5000017 => event timestamp: 2018-11-09 14:13:28
D	Blocked	198.108.66.245	00:59:44	Nov/09/2018 13:14:19	From SuricataIPS, ET DROP Dshield Block Listed Source group 1 => 1:2402000 => event timestamp: 2018-11-09 14:13:27
D	Blocked	198.108.66.244	00:59:42	Nov/09/2018 13:14:17	From SuricataIPS, ET DROP Dshield Block Listed Source group 1 => 1:2402000 => event timestamp: 2018-11-09 14:13:27
D	Blocked	62.173.154.248	00:59:38	Nov/09/2018 13:14:13	From SuricataIPS, ETN AGGRESSIVE IPs Group 4 => 1:5000004 => event timestamp: 2018-11-09 14:13:26
D	Blocked	196.52.43.105	00:59:36	Nov/09/2018 13:14:11	From SuricataIPS, ETN AGGRESSIVE IPs Group 22 => 1:5000022 => event timestamp: 2018-11-09 14:13:25
D	Blocked	196.52.43.100	00:59:33	Nov/09/2018 13:14:08	From SuricataIPS, ETN AGGRESSIVE IPs Group 16 => 1:5000016 => event timestamp: 2018-11-09 14:13:24
D	Blocked	31.192.108.68	00:59:31	Nov/09/2018 13:14:06	From SuricataIPS, ETN AGGRESSIVE IPs Group 1 => 1:5000001 => event timestamp: 2018-11-09 14:13:24
D	Blocked	58.246.12.122	00:59:27	Nov/09/2018 13:14:02	From SuricataIPS, ETN AGGRESSIVE IPs Group 38 => 1:5000038 => event timestamp: 2018-11-09 14:13:22
D	Blocked	198.108.66.254	00:59:25	Nov/09/2018 13:14:00	From SuricataIPS, ET DROP Dshield Block Listed Source group 1 => 1:2402000 => event timestamp: 2018-11-09 14:13:20
D	Blocked	198.108.67.42	00:59:22	Nov/09/2018 13:13:57	From SuricataIPS, ETN AGGRESSIVE IPs Group 12 => 1:5000012 => event timestamp: 2018-11-09 14:13:20
D	Blocked	196.52.43.104	00:59:20	Nov/09/2018 13:13:55	From SuricataIPS, GPL SNMP public access udp => 1:2101411 => event timestamp: 2018-11-09 14:13:17
D	Blocked	196.52.43.111	00:59:16	Nov/09/2018 13:13:51	From SuricataIPS, ETN AGGRESSIVE IPs Group 17 => 1:5000017 => event timestamp: 2018-11-09 14:13:16
D	Blocked	185.255.31.18	00:59:14	Nov/09/2018 13:13:49	From SuricataIPS, ETN AGGRESSIVE IPs Group 1 => 1:5000001 => event timestamp: 2018-11-09 14:13:15
D	Blocked	85.93.20.244	00:59:10	Nov/09/2018 13:13:45	From SuricataIPS, ETN AGGRESSIVE IPs Group 10 => 1:5000010 => event timestamp: 2018-11-09 14:13:13
D	Blocked	185.208.209.6	00:59:09	Nov/09/2018 13:13:44	From SuricataIPS, ETN AGGRESSIVE IPs Group 4 => 1:5000004 => event timestamp: 2018-11-09 14:13:12
D	Blocked	5.188.206.22	00:59:05	Nov/09/2018 13:13:40	From SuricataIPS, ETN AGGRESSIVE IPs Group 2 => 1:5000002 => event timestamp: 2018-11-09 14:13:11
D	Blocked	27.223.90.210	00:59:03	Nov/09/2018 13:13:38	From SuricataIPS, ET CINS Active Threat Intelligence Poor Reputation IP group 16 => 1:2403315 => event timestamp: 2018-11-09 14:13:10
D	Blocked	77.72.85.8	00:58:59	Nov/09/2018 13:13:34	From SuricataIPS, ETN AGGRESSIVE IPs Group 3 => 1:5000003 => event timestamp: 2018-11-09 14:13:09
D	Blocked	78.128.112.98	00:58:57	Nov/09/2018 13:13:32	From SuricataIPS, ETN AGGRESSIVE IPs Group 1 => 1:5000001 => event timestamp: 2018-11-09 14:13:09
D	Blocked	80.82.77.33	00:58:54	Nov/09/2018 13:13:29	From SuricataIPS, ETN AGGRESSIVE IPs Group 10 => 1:5000010 => event timestamp: 2018-11-09 14:13:09
D	Blocked	36.226.6.56	00:58:52	Nov/09/2018 13:13:27	From SuricataIPS, ET CINS Active Threat Intelligence Poor Reputation IP group 24 => 1:2403323 => event timestamp: 2018-11-09 14:13:09
D	Blocked	193.29.13.25	00:58:48	Nov/09/2018 13:13:23	From SuricataIPS, ETN AGGRESSIVE IPs Group 9 => 1:5000009 => event timestamp: 2018-11-09 14:13:07
D	Blocked	196.52.43.57	00:58:47	Nov/09/2018 13:13:22	From SuricataIPS, ETN AGGRESSIVE IPs Group 12 => 1:5000012 => event timestamp: 2018-11-09 14:13:06
D	Blocked	198.108.67.44	00:58:43	Nov/09/2018 13:13:18	From SuricataIPS, ETN AGGRESSIVE IPs Group 17 => 1:5000017 => event timestamp: 2018-11-09 14:13:04
D	Blocked	176.119.4.26	00:58:41	Nov/09/2018 13:13:16	From SuricataIPS, ETN AGGRESSIVE IPs Group 3 => 1:5000003 => event timestamp: 2018-11-09 14:13:04
D	Blocked	186.5.214.195	00:58:37	Nov/09/2018 13:13:11	From SuricataIPS, GPL SNMP public access udp => 1:2101411 => event timestamp: 2018-11-09 14:13:04
D	Blocked	196.52.43.102	00:58:35	Nov/09/2018 13:13:10	From SuricataIPS, ET DROP Dshield Block Listed Source group 1 => 1:2402000 => event timestamp: 2018-11-09 14:13:02
D	Blocked	185.208.208.144	00:58:32	Nov/09/2018 13:13:07	From SuricataIPS, ETN AGGRESSIVE IPs Group 4 => 1:5000004 => event timestamp: 2018-11-09 14:13:01
D	Blocked	109.248.9.16	00:58:30	Nov/09/2018 13:13:05	From SuricataIPS, ETN AGGRESSIVE IPs Group 3 => 1:5000003 => event timestamp: 2018-11-09 14:13:00
D	Blocked	186.5.214.34	00:58:26	Nov/09/2018 13:13:01	From SuricataIPS, GPL SNMP public access udp => 1:2101411 => event timestamp: 2018-11-09 14:13:00
D	Blocked	196.52.43.97	00:58:20	Nov/09/2018 13:12:55	From SuricataIPS, ETN AGGRESSIVE IPs Group 16 => 1:5000016 => event timestamp: 2018-11-09 14:12:59
D	Blocked	196.52.43.131	00:58:18	Nov/09/2018 13:12:53	From SuricataIPS, ETN AGGRESSIVE IPs Group 19 => 1:5000019 => event timestamp: 2018-11-09 14:12:59
D	Blocked	193.106.29.82	00:58:14	Nov/09/2018 13:12:49	From SuricataIPS, ETN AGGRESSIVE IPs Group 5 => 1:5000005 => event timestamp: 2018-11-09 14:12:59
D	Blocked	186.5.214.12	00:58:13	Nov/09/2018 13:12:48	From SuricataIPS, GPL SNMP public access udp => 1:2101411 => event timestamp: 2018-11-09 14:12:57
D	Blocked	186.5.215.167	00:58:09	Nov/09/2018 13:12:44	From SuricataIPS, GPL SNMP public access udp => 1:2101411 => event timestamp: 2018-11-09 14:12:56
D	Blocked	198.108.67.36	00:58:07	Nov/09/2018 13:12:42	From SuricataIPS, ETN AGGRESSIVE IPs Group 14 => 1:5000014 => event timestamp: 2018-11-09 14:12:56
D	Blocked	185.208.208.198	00:58:03	Nov/09/2018 13:12:38	From SuricataIPS, ETN AGGRESSIVE IPs Group 3 => 1:5000003 => event timestamp: 2018-11-09 14:12:56

Suricata2MikroTik

Firewall

Filter Rules | NAT | Mangle | Raw | Service Ports | Connections | Address Lists | Layer7 Protocols

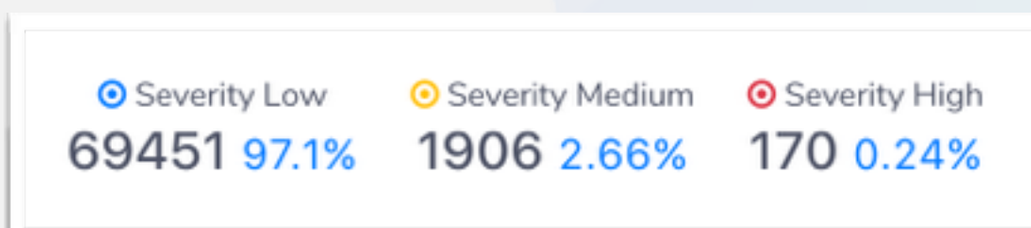
	Name	Address	Timeout	Creation Time	Comment
D	Blocked	93.14.178.11	00:10:16	Jul/13/2017 14:5...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 14:57:02
D	Blocked	66.70.149.166	00:10:40	Jul/13/2017 14:5...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 14:57:25
D	Blocked	5.254.66.135	00:11:16	Jul/13/2017 14:5...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 14:58:02
D	Blocked	189.27.23.209	00:11:41	Jul/13/2017 14:5...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 14:58:27
D	Blocked	174.108.49.9	00:12:17	Jul/13/2017 14:5...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 14:59:02
D	Blocked	77.108.198.31	00:12:41	Jul/13/2017 14:5...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 14:59:27
D	Blocked	216.106.55.39	00:13:19	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:00:03
D	Blocked	178.63.60.2	00:13:43	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:00:28
D	Blocked	151.33.35.185	00:14:18	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:01:03
D	Blocked	98.158.66.106	00:14:44	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:01:29
D	Blocked	104.57.138.146	00:15:18	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:02:03
D	Blocked	174.17.80.108	00:15:46	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:02:32
D	Blocked	104.153.108.135	00:16:18	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:03:03
D	Blocked	99.64.50.126	00:16:46	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:03:32
D	Blocked	172.56.20.35	00:17:18	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:04:04
D	Blocked	77.77.164.102	00:17:49	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:04:35
D	Blocked	96.50.192.51	00:18:19	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:05:05
D	Blocked	184.154.68.149	00:18:49	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:05:35
D	Blocked	68.196.168.219	00:19:19	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:06:05
D	Blocked	98.214.19.73	00:19:49	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:06:35
D	Blocked	212.129.1.15	00:20:09	Jul/13/2017 15:0...	From suricata, ET SCAN Sipvicious Scan => 1:2008578 => event timestamp: 2017-07-13 15:06:55
D	Blocked	108.61.232.52	00:20:19	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:07:05
D	Blocked	82.53.27.142	00:20:49	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:07:35
D	Blocked	73.8.131.155	00:21:20	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:08:05
D	Blocked	201.0.37.156	00:21:50	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:08:35
D	Blocked	82.66.230.133	00:22:20	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:09:05
D	Blocked	172.90.214.88	00:22:50	Jul/13/2017 15:0...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:09:35
D	Blocked	177.40.212.166	00:23:24	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:10:09
D	Blocked	82.161.161.246	00:23:50	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:10:35
D	Blocked	69.248.1.182	00:24:22	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:11:09
D	Blocked	73.52.44.161	00:24:50	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:11:36
D	Blocked	77.72.82.16	00:25:06	Jul/13/2017 15:1...	From suricata, ET CINS Active Threat Intelligence Poor Reputation IP group 88 => 1:2403387 => event timestamp: 2017-07-13 15:11...
D	Blocked	203.100.223.38	00:25:24	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:12:11
D	Blocked	144.76.182.86	00:25:55	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:12:40
D	Blocked	50.25.68.88	00:26:29	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:13:14
D	Blocked	98.110.43.176	00:27:01	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:13:46
D	Blocked	24.10.131.238	00:27:29	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:14:15
D	Blocked	37.217.166.246	00:28:01	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:14:46
D	Blocked	91.252.219.139	00:28:31	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:15:16
D	Blocked	174.78.193.206	00:29:01	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:15:47
D	Blocked	75.86.71.95	00:29:31	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:16:16
D	Blocked	64.121.102.124	00:30:01	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:16:47
D	Blocked	179.108.251.249	00:30:31	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:17:16
D	Blocked	109.159.19.60	00:31:00	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:17:47
D	Blocked	169.46.190.131	00:31:32	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:18:18
D	Blocked	191.181.175.60	00:32:02	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:18:47
D	Blocked	189.78.216.132	00:32:32	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:19:18
D	Blocked	108.176.244.190	00:33:02	Jul/13/2017 15:1...	From suricata, ET DOS DNS Amplification Attack Inbound => 1:2016016 => event timestamp: 2017-07-13 15:19:47

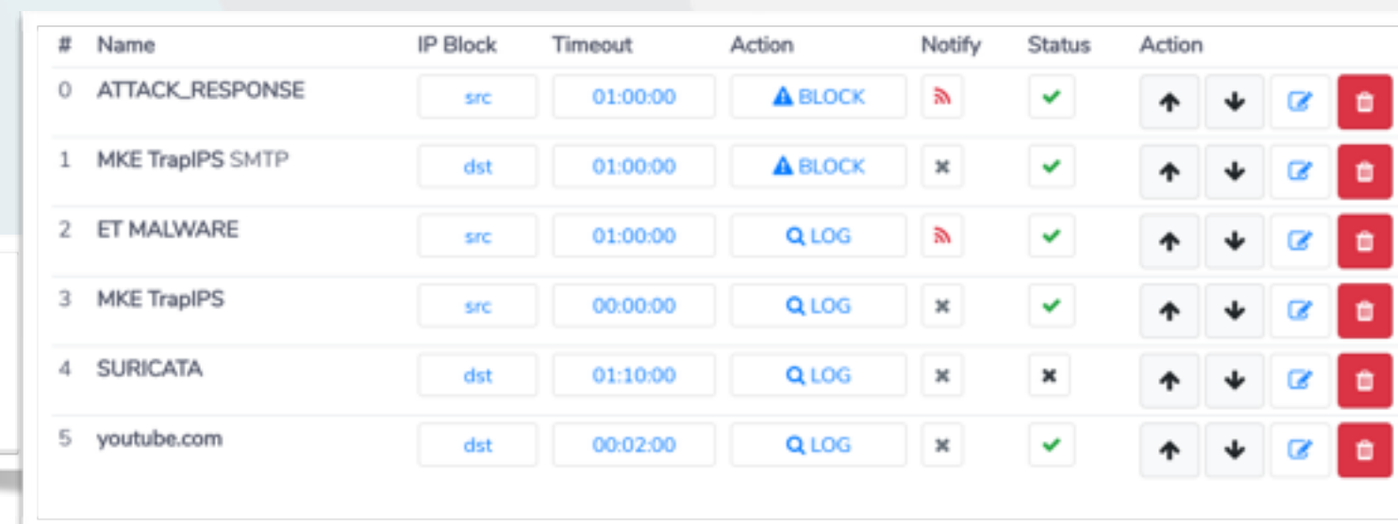
TrapIPS

-Commercial Edition-

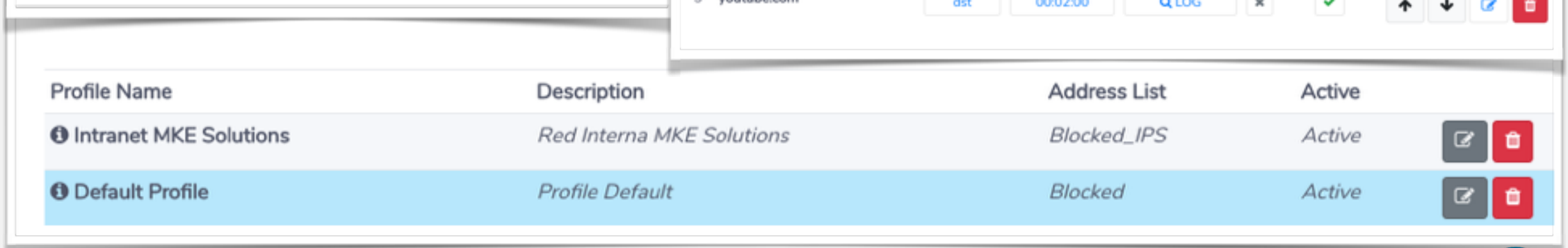
TrapIPS - Qué es?

- **TrapIPS -Commercial Edition- IPS**
- Versión comercial del (*Suricata2MikroTik*) ***IPS***
- Características adicionales:
    - Perfiles personalizados de seguridad
    - Fuentes de reglas comerciales
    - Soporta Multiples Routers





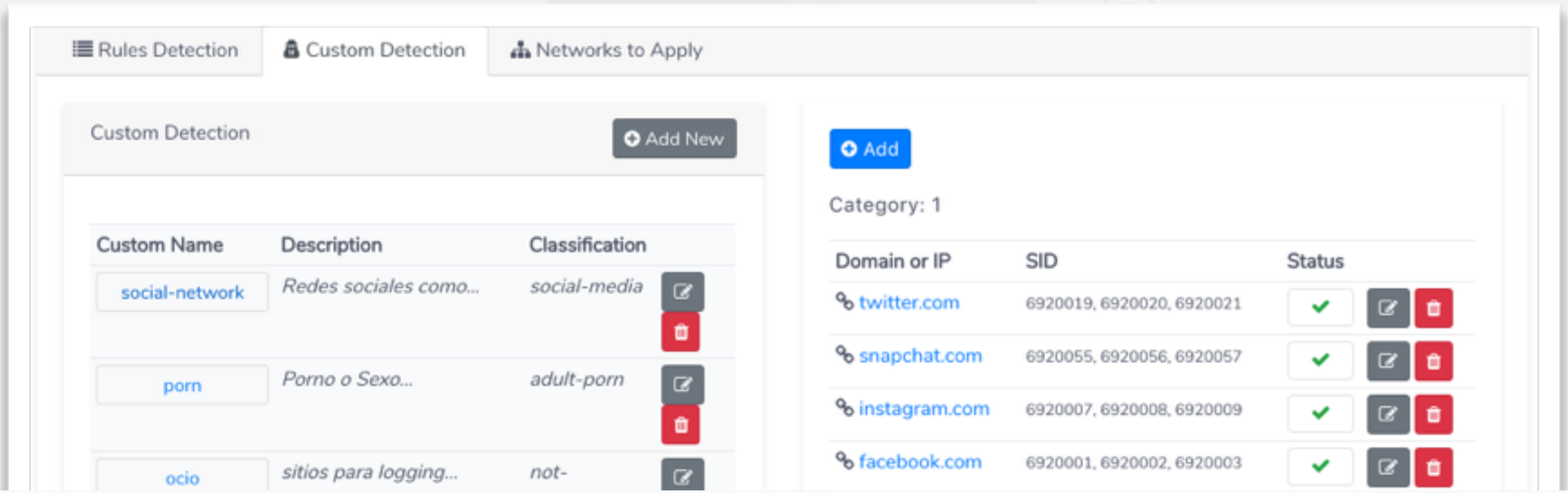
#	Name	IP Block	Timeout	Action	Notify	Status	Action
0	ATTACK_RESPONSE	src	01:00:00	BLOCK			
1	MKE TrapIPS SMTP	dst	01:00:00	BLOCK			
2	ET MALWARE	src	01:00:00	LOG			
3	MKE TrapIPS	src	00:00:00	LOG			
4	SURICATA	dst	01:10:00	LOG			
5	youtube.com	dst	00:02:00	LOG			



Profile Name	Description	Address List	Active
Intranet MKE Solutions	*Red Interna MKE Solutions*	*Blocked_IPS*	*Active*
Default Profile	*Profile Default*	*Blocked*	*Active*

TrapIPS

- Características adicionales:
  - Reglas de detección personalizadas



When	Severity	SID	Profile	Category	Rule name	Protocol	IP Source	SrcPort	IP Destination	DstPort	Action
0d 0h 2m 0s	MEDIUM	6920003	2	social-media	MKE TrapIPS DNS request for facebook.com	UDP	1.1.1.2	58034	1.1.10.1	dns[53]	LOG
0d 0h 2m 0s	HIGH	6920027	2	adult-porn	MKE TrapIPS DNS request for xvideos.com	UDP	1.1.1.2	57285	1.1.10.1	dns[53]	LOG
0d 0h 6m 0s	MEDIUM	6920045	2	media-streaming	MKE TrapIPS DNS request for spotify.com	UDP	1.1.1.2	52011	1.1.10.1	dns[53]	LOG
0d 0h 13m 0s	MEDIUM	6920003	2	social-media	MKE TrapIPS DNS request for facebook.com	UDP	1.1.1.2	59548	1.1.10.1	dns[53]	LOG
0d 0h 18m 0s	MEDIUM	6920045	2	media-streaming	MKE TrapIPS DNS request for spotify.com	UDP	1.1.1.2	53430	1.1.10.1	dns[53]	LOG
0d 0h 20m 0s	MEDIUM	6920024	2	messaging	MKE TrapIPS DNS request for whatsapp.com	UDP	1.1.1.2	50385	1.1.10.1	dns[53]	LOG
0d 0h 21m 0s	MEDIUM	6920003	2	social-media	MKE TrapIPS DNS request for facebook.com	UDP	1.1.1.2	62237	1.1.10.1	dns[53]	LOG
0d 0h 27m 0s	MEDIUM	6920003	2	social-media	MKE TrapIPS DNS request for facebook.com	UDP	1.1.1.2	60207	1.1.10.1	dns[53]	LOG
0d 0h 27m 0s	MEDIUM	6920021	2	social-media	MKE TrapIPS DNS request for twitter.com	UDP	1.1.1.2	65508	1.1.10.1	dns[53]	LOG
0d 0h 30m 0s	MEDIUM	6920045	2	media-streaming	MKE TrapIPS DNS request for spotify.com	UDP	1.1.1.2	65221	1.1.10.1	dns[53]	LOG

TrapIPS

- Características adicionales:
  - Genera y guarda Reportes

Overview

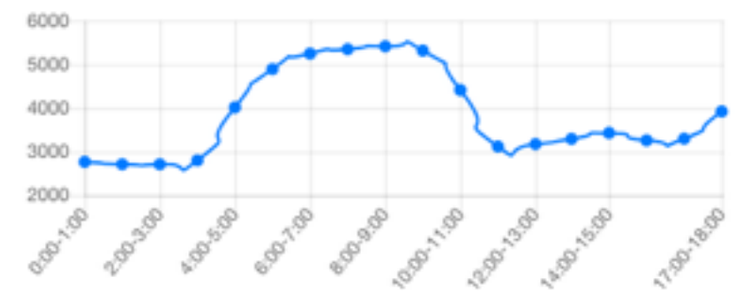
This report use this filters:

Period Range: **Today**

Total **SignaturesID** Found: **148**

Signature ID	Rules	Severity	Total
2001330	**ET POLICY** RDP connection confirm	LOW	33861
2001329	**ET POLICY** RDP connection request	LOW	33317
2402000	**ET DROP** Dshield Block Listed Source group 1	MEDIUM	642
2011716	**ET SCAN** Sipvicious User-Agent Detected (friendly-**scanner**)	MEDIUM	128
2403393	**ET CINS** Active Threat Intelligence Poor Reputation IP group 94	MEDIUM	120
5000003	**ETN AGGRESSIVE** IPs Group 3	MEDIUM	80
2018455	**ET TROJAN** DNS Reply Sinkhole - Anubis - 195.22.26.192/26	HIGH	67
2008578	**ET SCAN** Sipvicious **Scan**	MEDIUM	63
2400004	**ET DROP** Spamhaus **DROP** Listed Traffic Inbound group 5	MEDIUM	44
5000001	**ETN AGGRESSIVE** IPs Group 1	MEDIUM	41
2523422	**ET TOR** Known **Tor** Relay/Router (Not Exit) Node Traffic group 712	UNKNOWN	39
2007994	**ET MALWARE** Suspicious User-Agent (1 space)	HIGH	36

Today's Activity — Hour



Hour	Total
2019-02-03 - 17:00-18:00	3924
2019-02-03 - 16:00-17:00	3298
2019-02-03 - 15:00-16:00	3261
2019-02-03 - 14:00-15:00	3429
2019-02-03 - 13:00-14:00	3294
2019-02-03 - 12:00-13:00	3174
2019-02-03 - 11:00-12:00	3119
2019-02-03 - 10:00-11:00	4414
2019-02-03 - 9:00-10:00	5319
2019-02-03 - 8:00-9:00	5417
2019-02-03 - 7:00-8:00	5351
2019-02-03 - 6:00-7:00	525[redacted]

TrapIPS

- Características adicionales:
  - Reportes detallados

Total **SignaturesID** Found: **1**

Signature ID	Rules	Severity	Total
2001330	**ET POLICY** RDP connection confirm	LOW	1011

★ Top 10 Source AS

AS	Total
AS57043	6764
AS39642	2556
AS51167	2333
AS22566	2219
AS3786	1897
AS45899	1557
AS6147	1446
AS33438	1279
AS36352	1167
AS17488	1129

★ Top 10 Destination AS

AS	Total
AS57043	6856
AS39642	2593
AS51167	2372
AS22566	2274
AS3786	1901
AS45899	1568
AS6147	1468
AS33438	1306
AS36352	1180
AS17488	1145

★ Top 10 Source IP

IP Address	Total
192.168.100.80	33862
187.248.61.150	2219
80.241.208.148	1842
106.247.232.227	1727
185.156.177.113	1593
221.132.29.233	1511
193.188.22.3	1276
116.72.234.92	1129
147.78.14.247	1051
200.121.128.74	835

★ Top 10 Destination IP

IP Address	Total
192.168.100.80	34165
187.248.61.150	2274
80.241.208.148	1874
106.247.232.227	1725
185.156.177.113	1630
221.132.29.233	1535
193.188.22.3	1301
116.72.234.92	1145
147.78.14.247	1042
185.156.177.56	849

Referencias

Sitios y bibliografia utilizada:

- ***Suricata:***
  https://suricata-ids.org/
- ***Suricata2MikroTik:***
  https://github.com/elmaxid/Suricata2MikroTik

Presentaciones MUMs:

- ***Utilizando RouterOS como IPS / IDS (I)***
  Maximiliano Dobladez - MUM Paraguay 2017
  https://mum.mikrotik.com/presentations/PY17/presentation_4589_1502349113.pdf
- ***Mikrotik y Suricata -***
  José M. Román - MUM España 2016
  http://mum.mikrotik.com/presentations/ES16/presentation_3746_1476679132.pdf
- ***Securing your Mikrotik Network***
  Andrew Thrift - MUM Australia 2012
  http://mum.mikrotik.com/presentations/AU12/2_andrew.pdf

¿Preguntas?

MUCHAS GRACIAS!

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