

Laboratorio: Configuración y Uso de un IDS (Sistema de Detección de Intrusos)

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Configuración y Uso de un IDS (Snort) en Kali Linux

Objetivo

Herramientas Necesarias

Pasos

Instalación de Snort

Instalat dependencias

Instalar DAQ y compilar SNORT

PROBANDO SNORT

Configuración de Snort como servicio

Configuración y Uso de un IDS (Snort) en Kali Linux

Objetivo

El objetivo de esta práctica es aprender a configurar y utilizar un IDS (Sistema de Detección de Intrusos) en Kali Linux para monitorear y analizar el tráfico de red en busca de actividades sospechosas o maliciosas.

Herramientas Necesarias

- Kali Linux
- Snort (una herramienta IDS)

Pasos

Instalación de Snort

1. Abrir una terminal en Kali Linux:

 Primero, actualizo los repositorios para asegurarme de tener las últimas versiones de los paquetes:

```
sudo apt update
```

• Luego, instalo Snort utilizando el siguiente comando:

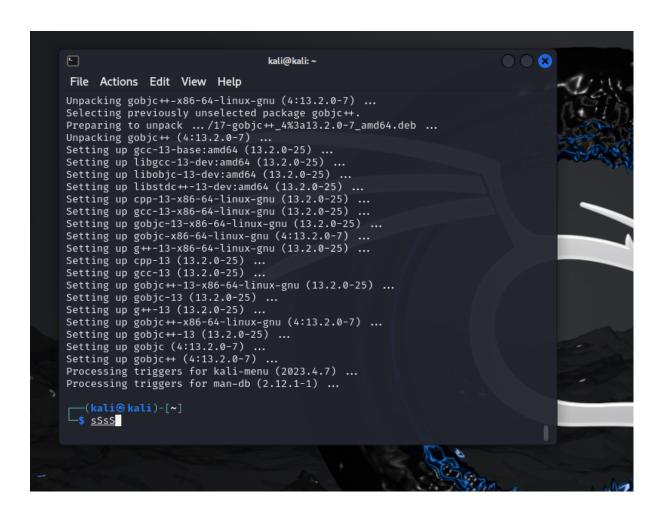
```
sudo apt install snort
```

```
(kali@ kali)-[~]
$ sudo apt update
Ign:1 http://http.kali.org/kali kali-rolling InRelease
Ign:1 http://http.kali.org/kali kali-rolling InRelease
Ign:1 http://http.kali.org/kali kali-rolling InRelease
Err:1 http://http.kali.org/kali kali-rolling InRelease
Could not connect to http.kali.org:80 (18.211.24.19). - connect (111: Connection refused)
442 packages can be upgraded. Run 'apt list --upgradable' to see them.
Warning: Failed to fetch http://http.kali.org/kali/dists/kali-rolling/InRelease
Could not connect to http.kali.org:80 (18.211.24.19). - connect (111: Connection refused)
Warning: Some index files failed to download. They have been ignored, or old ones used instead.
```

```
└$ <u>sudo</u> apt install snort
Installing:
Installing dependencies:
  libdaq3 liblognorm5 snort-common
libestr0 oinkmaster snort-common-libraries
Suggested packages:
  rsyslog-mysql rsyslog-doc rsyslog-gssapi
| rsyslog-pgsql rsyslog-openssl rsyslog-relp
  rsyslog-mongodb | rsyslog-gnutls snort-doc
Summary:
  Upgrading: 0, Installing: 10, Removing: 0, Not Upgrading: 442
  Download size: 9,236 B / 3,664 kB
Space needed: 15.7 MB / 64.6 GB available
Continue? [Y/n] Y
Get:1 http://http.kali.org/kali kali-rolling/main amd64 libestr0 amd64 0.1.11
-1+b1 [9,236 B]
Fetched 9,236 B in 1s (8,221 B/s)
Selecting previously unselected package snort-common-libraries.
(Reading database ... 391259 files and directories currently installed.)
Preparing to unpack .../0-snort-common-libraries_3.1.82.0-0kali1+b1_amd64.deb
Unpacking snort-common-libraries (3.1.82.0-0kali1+b1) ...
```

Instalat dependencias

sudo apt install gobjc++

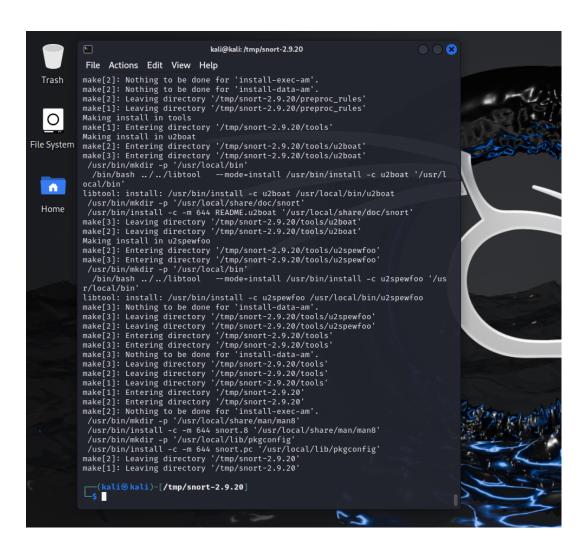


sudo apt install libntirpc-dev

```
<u>-</u>
                                            kali@kali: ~
File Actions Edit View Help
Installing dependencies:
Summary:
  Upgrading: 0, Installing: 2, Removing: 0, Not Upgrading: 457
  Download size: 197 kB
Space needed: 820 kB / 63.2 GB available
Continue? [Y/n] y
Get:1 http://kali.download/kali kali-rolling/main amd64 libntirpc4.3t64 amd64
 4.3-4 [120 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 libntirpc-dev amd64 4
.3-4 [77.7 kB]
Fetched 197 kB in 1s (143 kB/s)
Selecting previously unselected package libntirpc4.3t64:amd64. (Reading database ... 391279 files and directories currently installed.)
Preparing to unpack .../libntirpc4.3t64_4.3-4_amd64.deb ...
Unpacking libntirpc4.3t64:amd64 (4.3-4) ...
Selecting previously unselected package libntirpc-dev:amd64.
Preparing to unpack .../libntirpc-dev_4.3-4_amd64.deb ...
Unpacking libntirpc-dev:amd64 (4.3-4) ...
Setting up libntirpc4.3t64:amd64 (4.3-4) ...
Setting up libntirpc-dev:amd64 (4.3-4) ...
Processing triggers for libc-bin (2.38-10) ...
__(kali⊕ kali)-[~]
_$ <u>sS</u>
```

```
sudo apt update
sudo apt install libc-dev-bin libc6-dev libtirpc-dev
sudo ln -s /usr/include/tirpc/rpc /usr/include/rpc
ls /usr/include/rpc/rpc.h
```

Instalar DAQ y compilar SNORT



PROBANDO SNORT



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