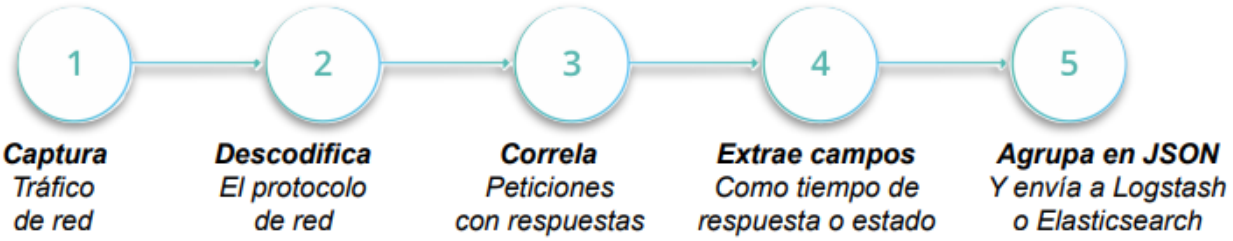
ELK: Beats (Packetbeats)

4.3_packetbeats.pdf

- analizador de paquetes que reenvía datos a logstash o elasticsearch
- monitorización servicios y aplicaciones en tiempo real.
- no genera latencia
- uso protocolos estandard o a medida
- busca y analiza el tráfico de red:



instalación y configuración

- ```
  sudo apt-get install libpcap0.8
  curl -L -O
  https://artifacts.elastic.co/downloads/beats/packetbeat/packetbeat-5.4.2-
  amd64.deb
  sudo dpkg -i packetbeat-5.4.2-amd64.deb
  ```

- ```
  packetbeat.interfaces.device: any
  packetbeat.flows:
    timeout: 30s
    period: 10s

  packetbeat.protocols.icmp:
    enabled: true
  packetbeat.protocols.amqp:
    ports: [5672]
  packetbeat.protocols.cassandra:
    ports: [9042]
  packetbeat.protocols.dns:
    ports: [53]
    include_authorities: true
    include_additionals: true
  packetbeat.protocols.http:
    ports: [80, 8080, 8000, 5000, 8002]
  packetbeat.protocols.memcache:
    ports: [11211]
  packetbeat.protocols.mysql:
    ports: [3306]
  packetbeat.protocols.pgsql:
    ports: [5432]
  packetbeat.protocols.redis:
  ```

```
  ports: [6379]
packetbeat.protocols.thrift:
  ports: [9090]
packetbeat.protocols.mongodb:
  ports: [27017]
packetbeat.protocols.nfs:
  ports: [2049]

output.elasticsearch:
  hosts: ["172.16.2.21:9200"]
```

- Network device (interfaces)
  - donde colocar el sniffer
  - máximo tamaño de paquetes
  - tipos de sniffer
  - tamaño del buffer
  - *ignore_outgoing* si no se desea que registre el tráfico saliente
- flows
  - permite configurar flujos en ambas direcciones
- dahsboards ejemplo: `/usr/share/packetbeat/scripts/import_dashboards`
  - `/usr/share/packetbeat/scripts/import_dashboards -es http://192.168.1.10:9200 [-user <USERNAME> -password <PASSWORD>]`