

# Sesión 7: Seguridad, Prometheus

## seguridad

- <https://www.owasp.org/>
- JSON
- REST = Representational state transfer
  - uso de verbos
    - comunes: get, post, head
    - otras: putm patch, delete, transfer...
    - [https://en.wikipedia.org/wiki/Representational\\_state\\_transfer](https://en.wikipedia.org/wiki/Representational_state_transfer)
    - waf, ids, ips : filtrado por reglas
- SQL
  - <https://github.com/sqlmapproject>
- immutable servers
- cloud-init :
- CORS headers:
  - [https://developer.mozilla.org/es/docs/Web/HTTP/Access\\_control\\_CORS](https://developer.mozilla.org/es/docs/Web/HTTP/Access_control_CORS)
- CSRF tokens:
  - <https://www.welivesecurity.com/la-es/2015/04/21/vulnerabilidad-cross-site-request-forgery-csrf/>
- Certificados:
  - FreeIPA
  - Let's Encrypt
    - certbot
  - bettercap
    - beef : better exploitation framework
  - SSL/TLS
    - Diffie Hellman
    - DNS CAA
    - OCSP Stapling vs CRLs
    - certificate transparency
    - <https://www.geotrust.com/es/>
    - <https://ed25519.cr.yip.to/> ; curva elíptica
    - Heartbleed
    - ssl labs: <https://www.ssllabs.com/>
    - RSA
    - SSL v2 y v3
    - ssl → tls (nueva versión)
  - tipos de certificados
    - domain validation
    - organization validation : añade organización en el certificado
    - extended validation : escrituras, envío-recepción de documentación → servicios sensibles
  - brute force attacks
    - kpeiruza.hashtopolis : docker hack contraseñas distribuidas?
    - ~~john the ripper~~ → hashcat
    - xHydra
    - jasimia
  - DoS
  - DDoS
    - [https://en.wikipedia.org/wiki/Denial-of-service\\_attack#Amplification](https://en.wikipedia.org/wiki/Denial-of-service_attack#Amplification)

## otros

- <http://fediafedia.com/neo/scp/>
- <http://geektyper.com/>
- Hadoop Ecosystem Table: <https://hadooecosystemtable.github.io/>
- radare - <https://rada.re/r/>

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Last update: **08/03/2019 09:58**

