Advanced Network Game

Hack4Kids@Deloitte





Hark

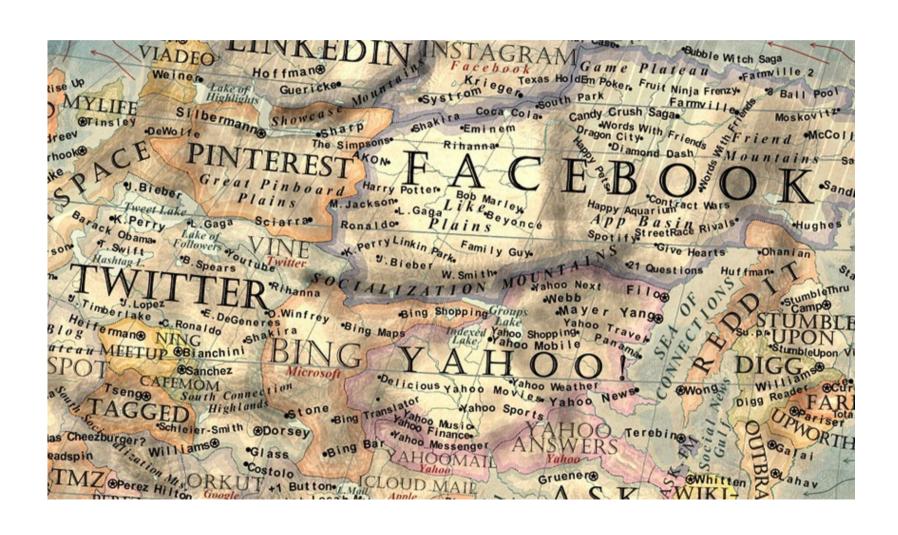
Outline/Plan/Agenda

- Basic
 - Network
 - IP address
 - IP packet
 - DNS
 - Ping Command
 - http/https
- Advanced
 - Spoof
 - BotNet
 - DDoS



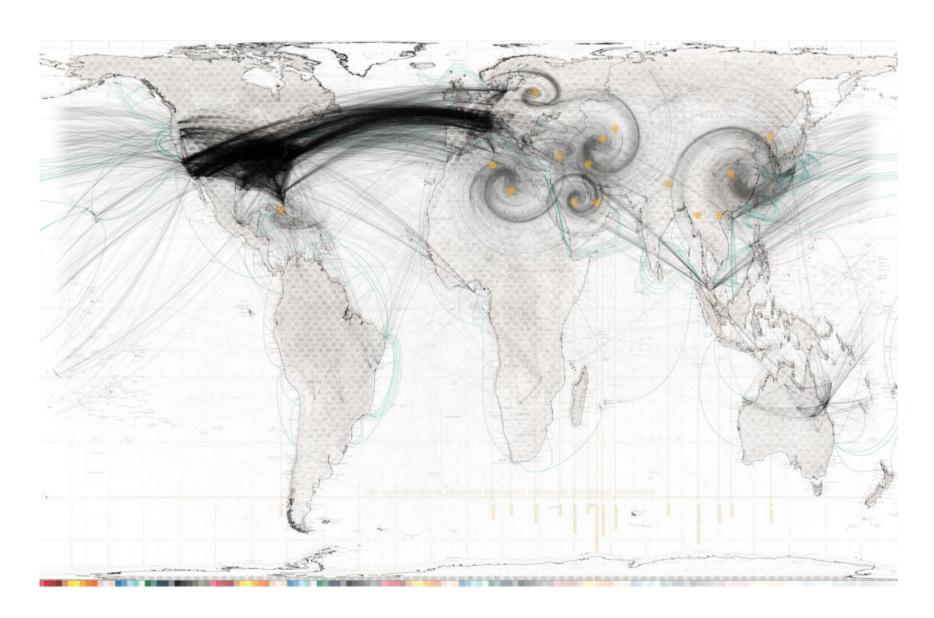


Network/ Réseau/ Netzwerk



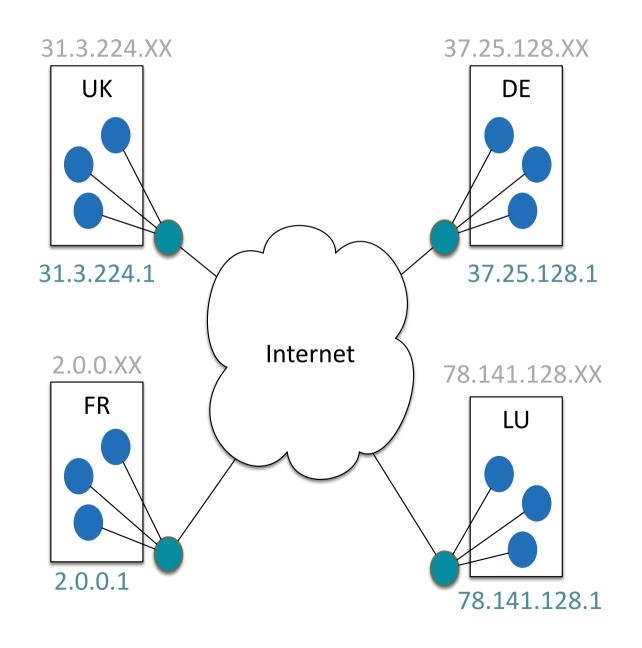


Network/Réseau/Netzwerk



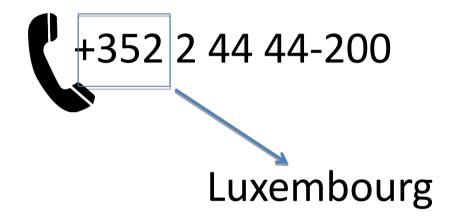


Network/Réseau/Netzwerk



IP address/ Adresse IP/ IP-Adresse











IP packet/ Paquet IP/ IP-Paket

Source (From) Destination (To)



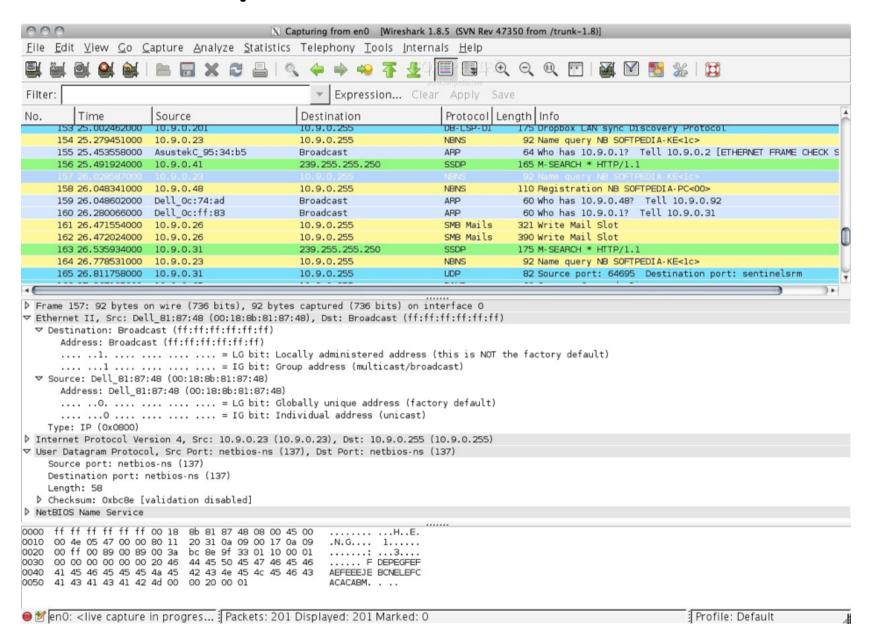
Time Protocol Length Meta Data Metadonnées Metadaten

+ Content





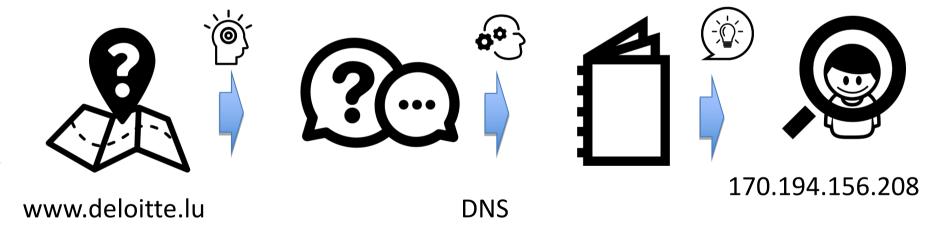
IP packet/ Paquet IP/ IP-Paket







DNS = Domain Name Server

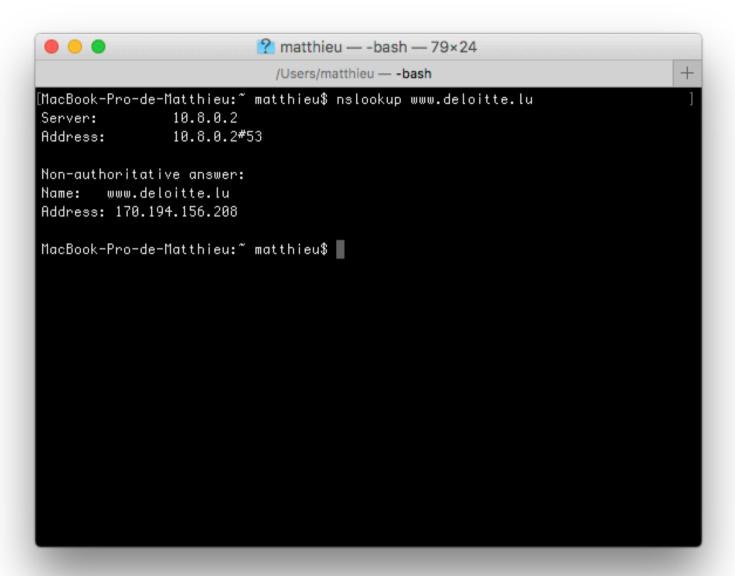


(Domain Name Server)

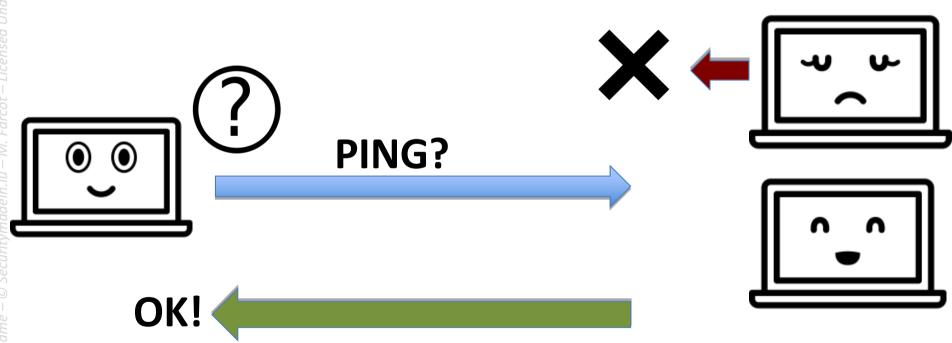




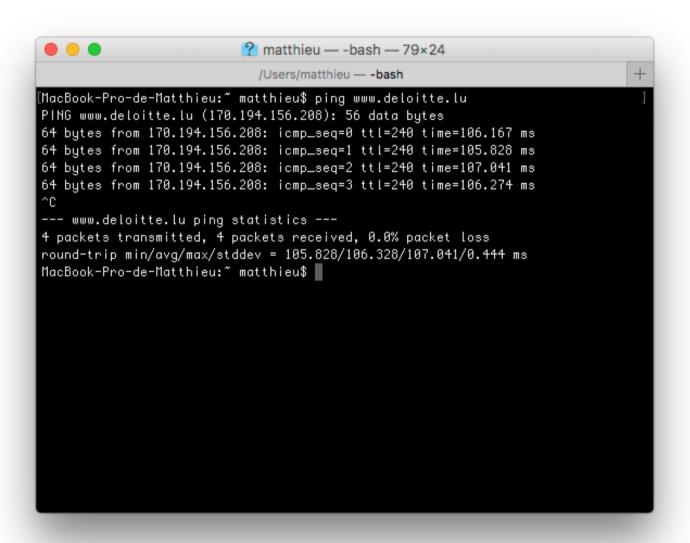
DNS = Domain Name Server



Ping Game/ Jeu du Ping/ Ping-Spier



Ping Game/ Jeu du Ping/ Ping-Spier





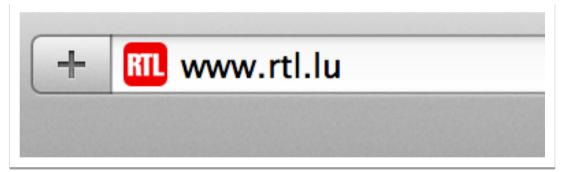
HTTP/HTTPS

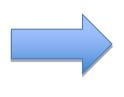




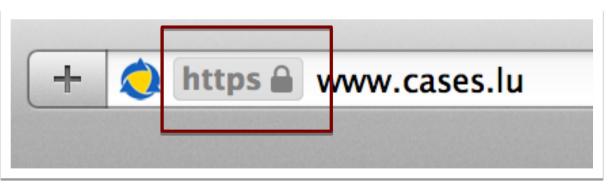


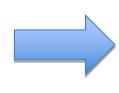
HTTP/HTTPS

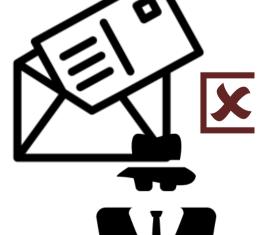




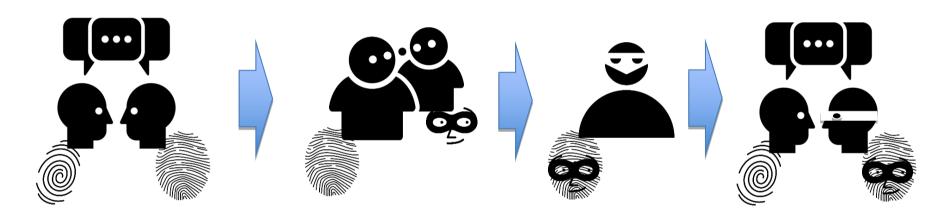








Spoof Game/ Jeu du Spoof/ Spoof-Spiel



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FRIK

BotNet



Image Credits: AMC







DDOS



Source: wikipedia.org