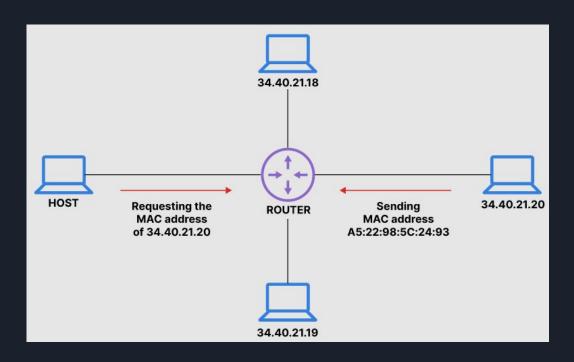
Quick Write Up: ARPacadabra

UnitedCTF24 - Yxène

Rappel sur le protocole ARP

 Utilisé pour associer les adresses IP du réseau local avec des adresses MAC

Système de requêtes/réponses



Exemple d'échange ARP

| 990 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has 192.168.56.98? Tell 192.168.56.1 |
|------------------------|-------------------|--------|---|
| 1000 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has <u>192.168.56.99?</u> Tell 192.168.56.1 |
| 1010 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has 192.168.56.100? Tell 192.168.56.1 |
| 1020 PcsCompu_fe:19:cd | 0a:00:27:00:00:00 | ARP 42 | 192.168.56.100 is at <mark>08:00:27:fe:19:cd</mark> |
| 1030 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has 192.168.56.101? Tell 192.168.56.1 |
| 1040 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has 192.168.56.102? Tell 192.168.56.1 |
| 1050 PcsCompu_c2:00:e8 | 0a:00:27:00:00:00 | ARP 60 | 192.168.56.102 is at 08:00:27:c2:00:e8 |
| 1060 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has 192.168.56.103? Tell 192.168.56.1 |
| 1070 0a:00:27:00:00:00 | Broadcast | ARP 42 | Who has 192.168.56.104? Tell 192.168.56.1 |

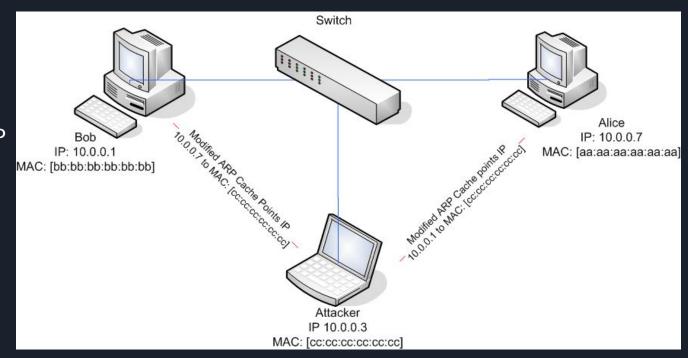
 Utilisé pour associer les adresses IP du réseau local avec des adresses MAC

| Adresse IP | Adresse Mac | |
|----------------|-------------------|--|
| 192.168.56.100 | 08:00:27:fe:19:cd | |
| 192.168.56.102 | 08:00:27:c2:00:e8 | |

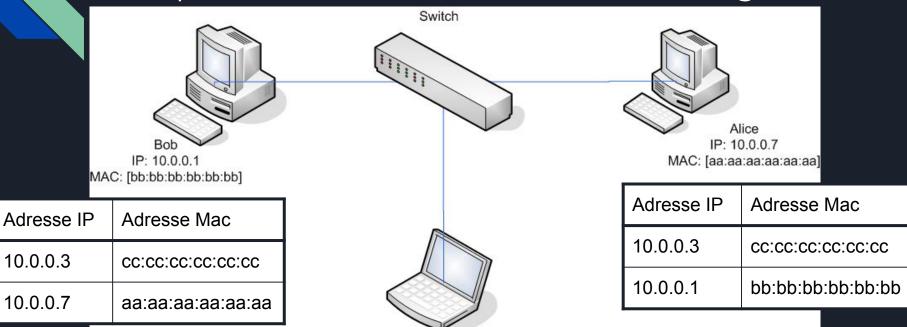
• Système de requêtes/réponses

Empoisonnement ARP - ARP Poisoning

Envoyer des réponses ARP usurpés afin de d'être considéré comme le destinataire légitime



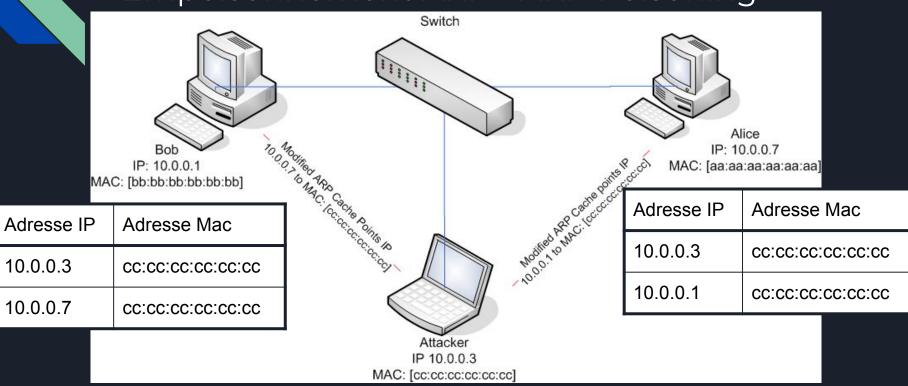
Empoisonnement ARP - ARP Poisoning



Tables ARP d'Alice et Bob avant empoisonnement

Attacker
IP 10.0.0.3
MAC: [cc:cc:cc:cc:cc:cc]

Empoisonnement ARP - ARP Poisoning



Tables ARP d'Alice et Bob avant empoisonnement

Place à la démo!

Questions

