



# **Engenharia de Segurança**

---

## **Man in the middle**



Profa. Dra. Kalinka Regina Lucas Jaquie Castelo  
Branco

[kalinka@icmc.usp.br](mailto:kalinka@icmc.usp.br)

# ATAQUE DO HOMEM DO MEIO (MITM)

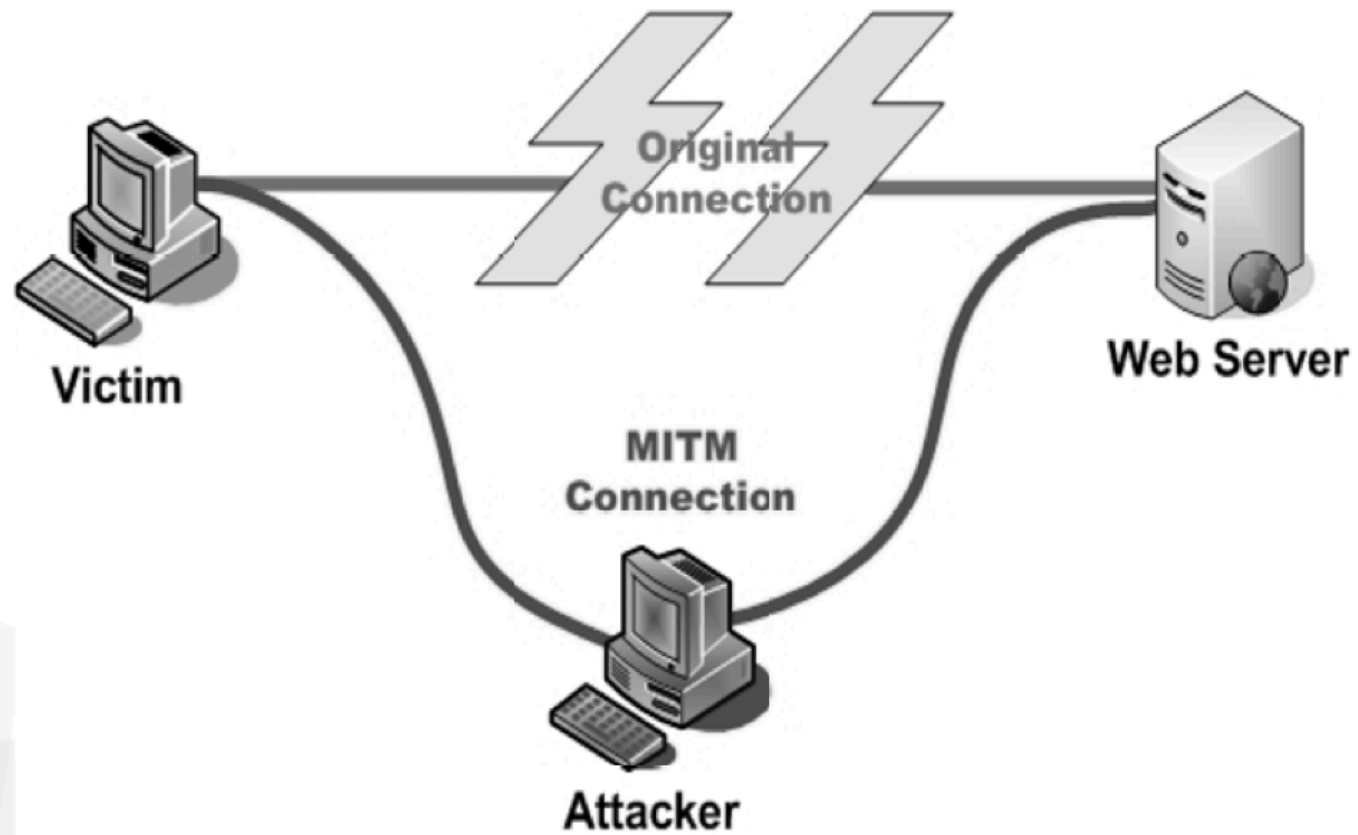
---

- Bucket-Brigate Attack
- Janus Attack
- Fire Brigade attack
- Monkey-in-the-middle attack
- Session hijacking
- TCP hijacking
- TCP session hijacking



# MITM

---



# MITM

---

- ARP Posoning/Spoofing
- Route Poisoning/Spoofing

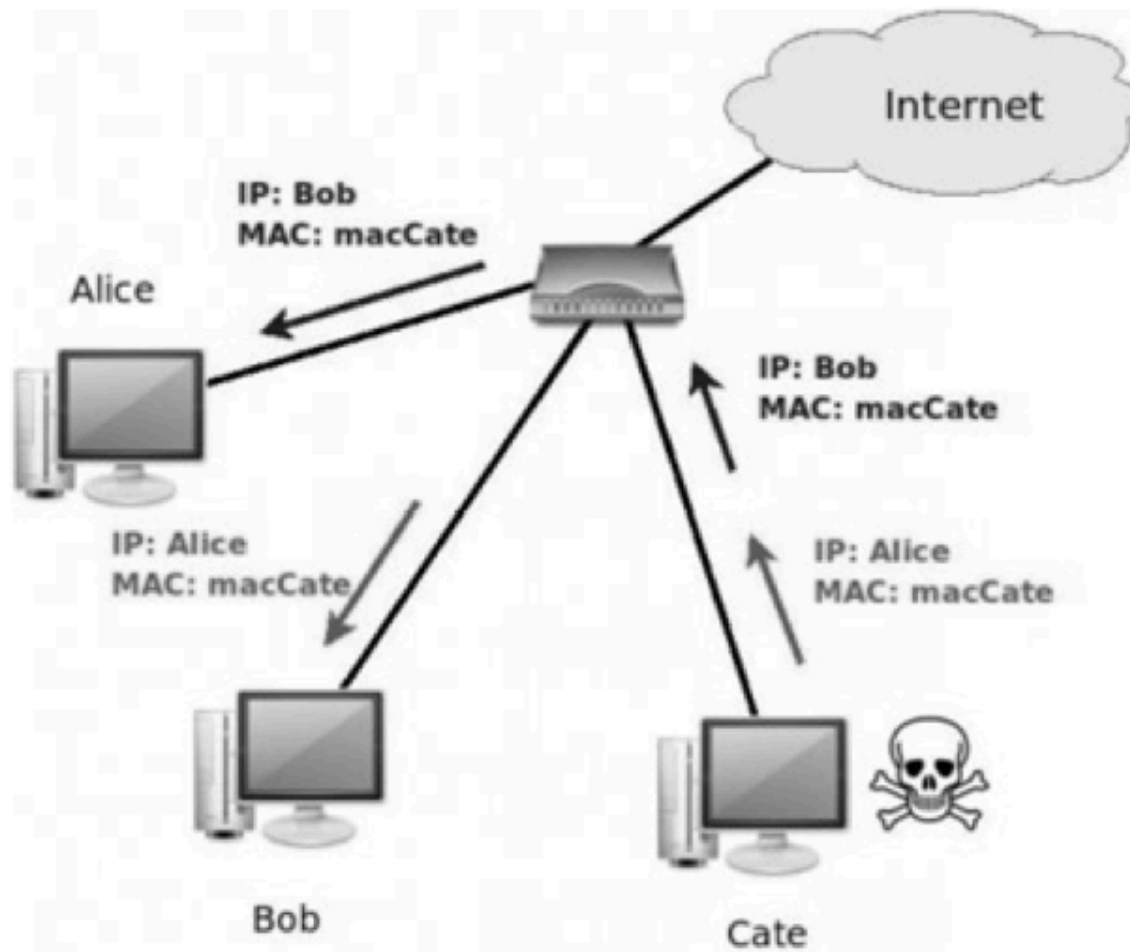
# MITM

---

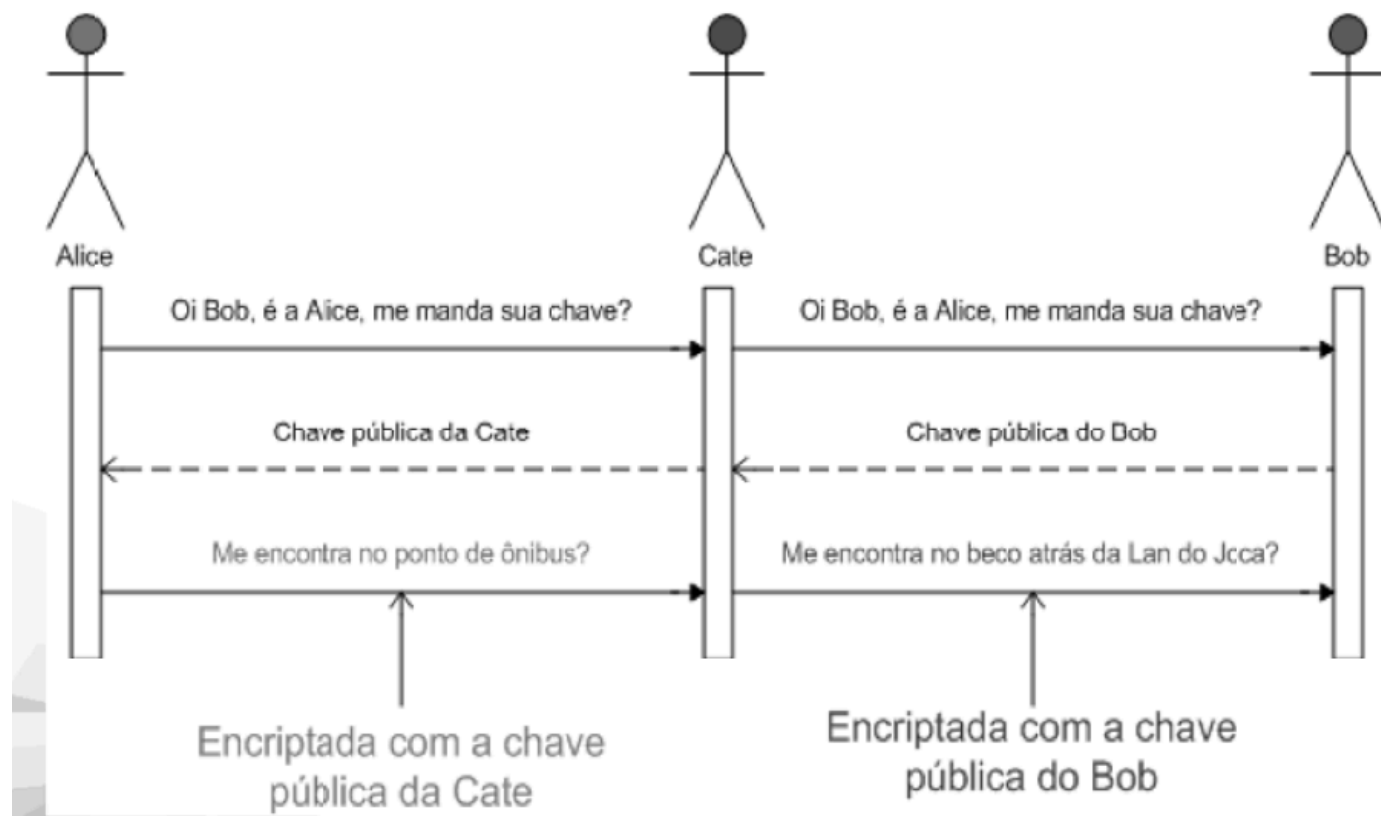
- Sniffing
- Filtragem
- DNS Spoofing
- Ataques Wirelles
- Ataques sobre o SSL

# MITM

---

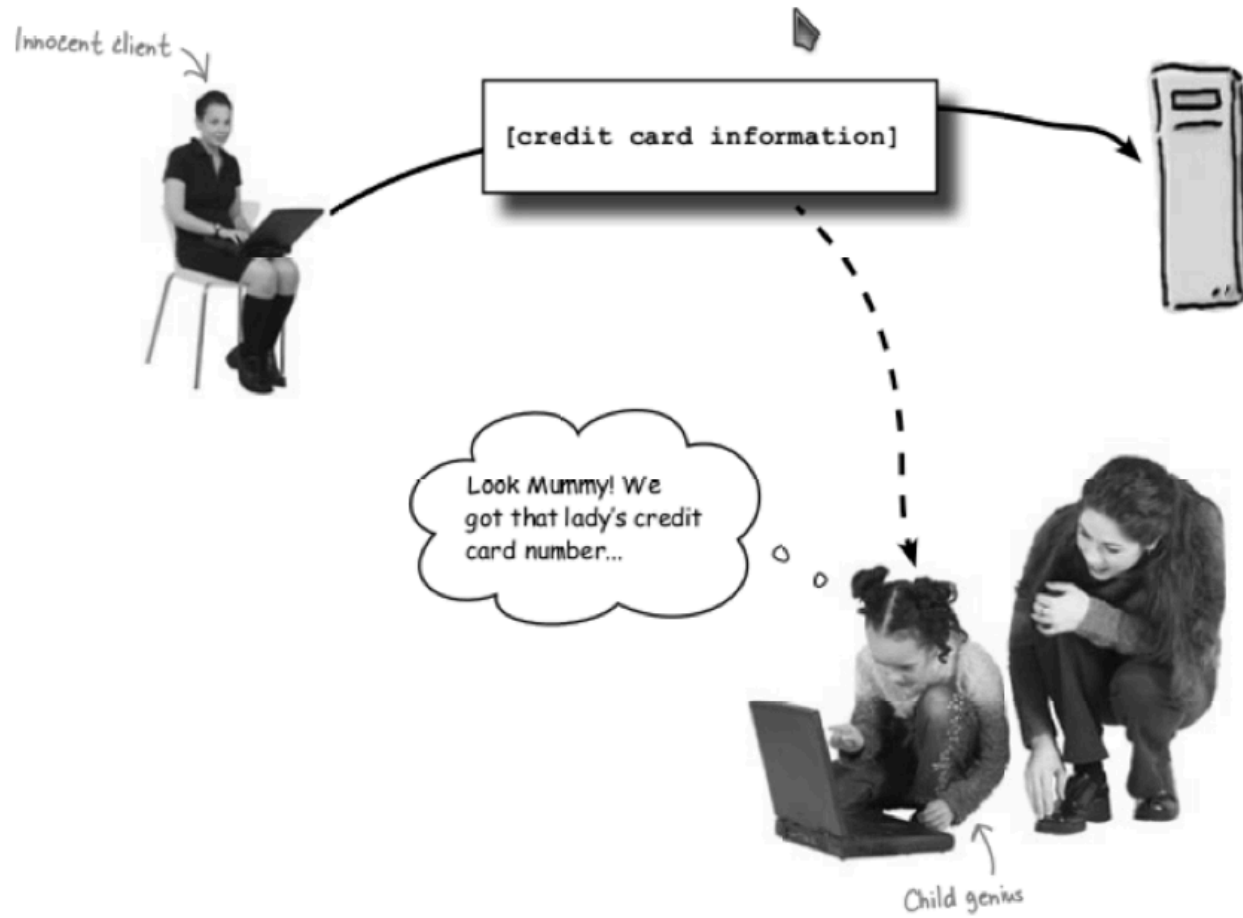


# MITM



# MITM

---





# MITM

---

- Por mais que façamos – ser humano é o elo mais fraco da corrente



# MITM

---



# MITM

---



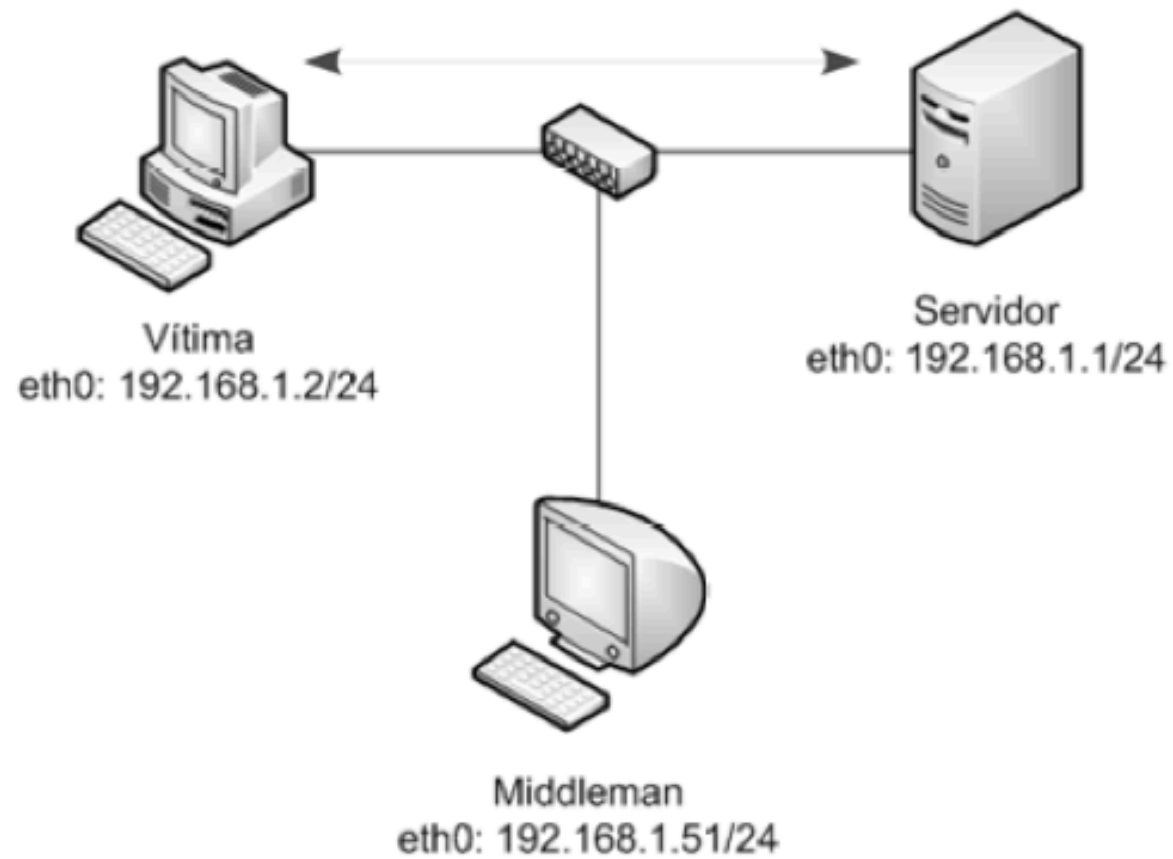
# MITM

---



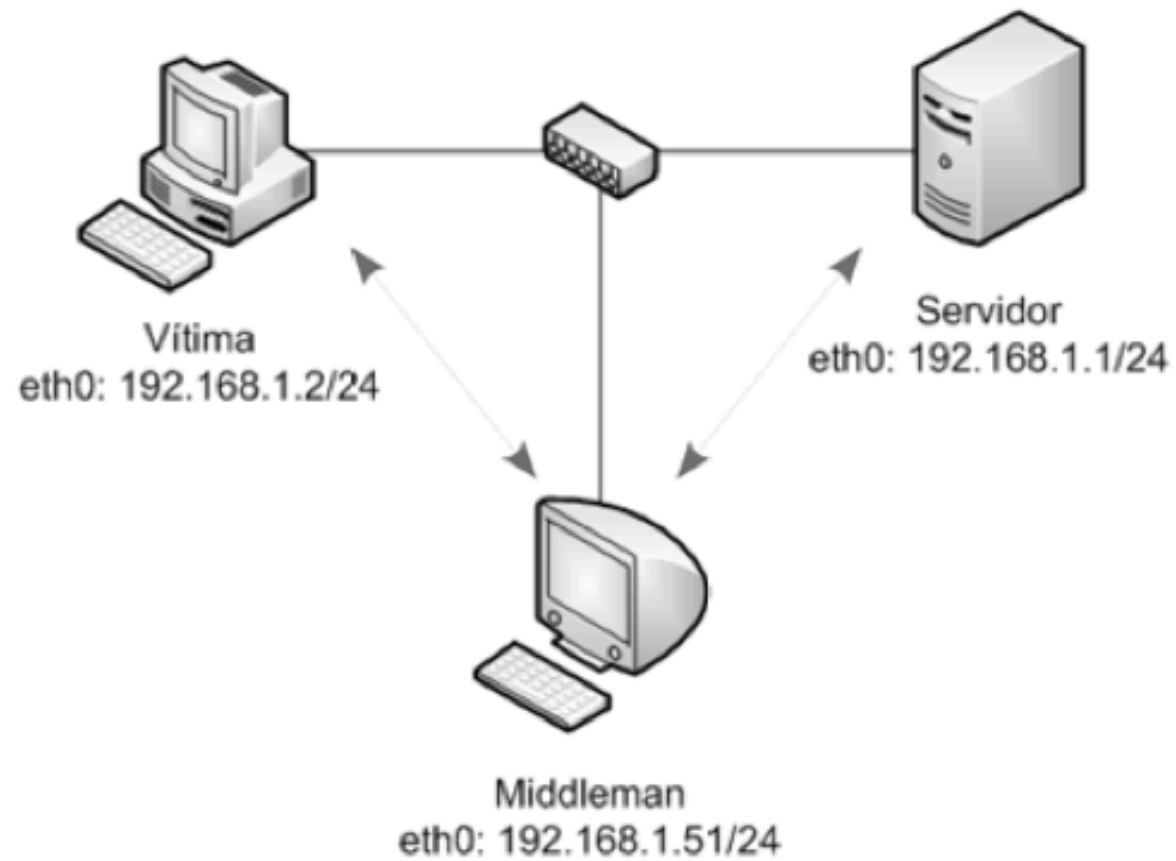
# MITM

---



# MITM

---



# **Engenharia de Segurança**

---

## **Man in the middle**

Profa. Dra. Kalinka Regina Lucas Jaquie Castelo Branco

[kalinka@icmc.usp.br](mailto:kalinka@icmc.usp.br)