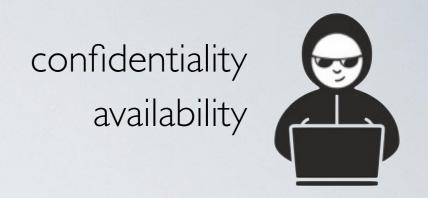
DNS - Domain Name Server

Internet applications relies on canonical hostname rather than IP addresses

DNS servers translates domain names into IP addresses

→ DNS servers form a distributed directory service by exchanging information about domains and other DNS servers

DNS Cache Poisoning



→ An attacker can advertise fake DNS information
e.g. DOS and MITM attacks