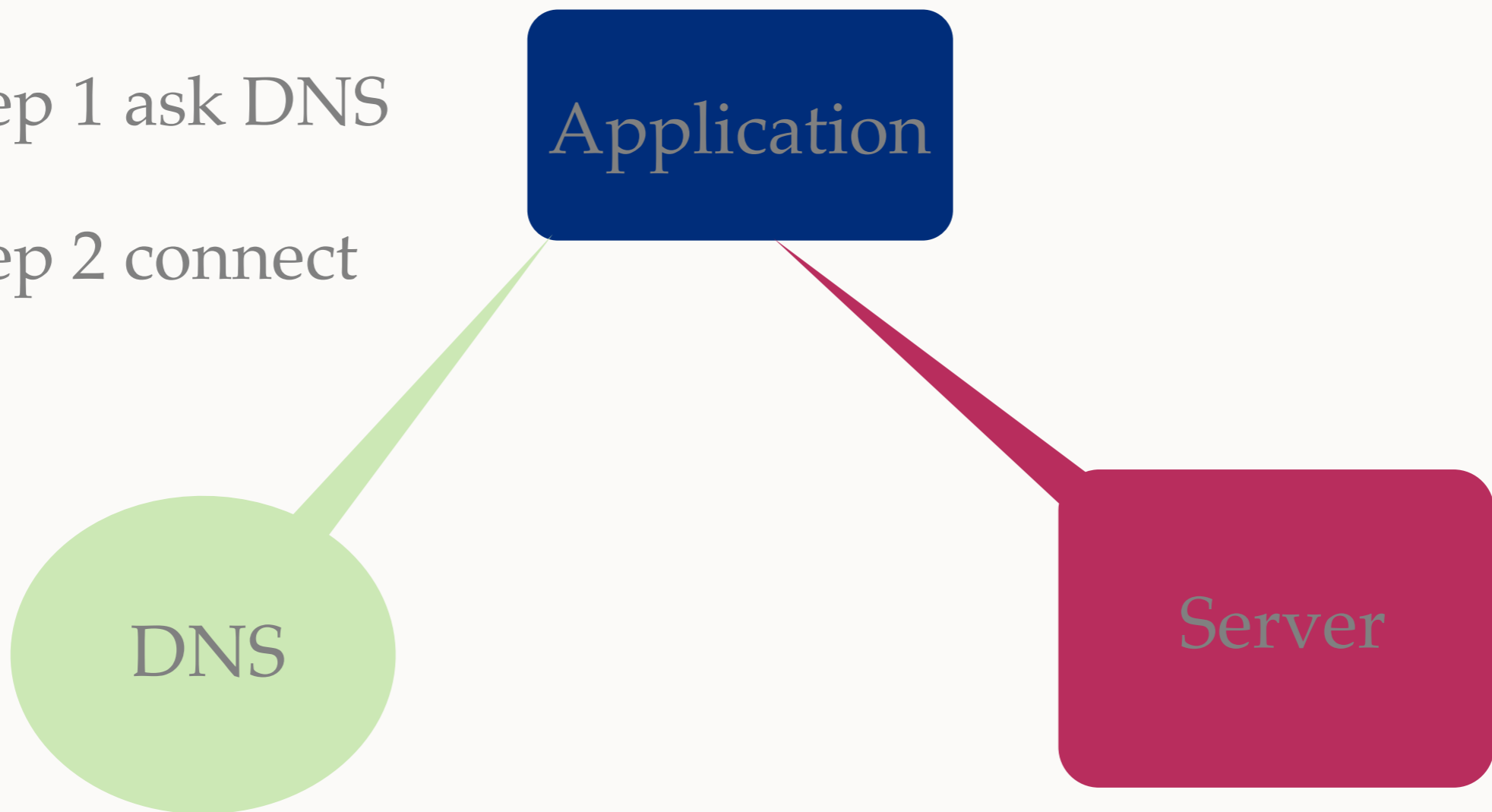# DANE/DNS VOCABULARY

Ólafur Guðmundsson

HOW THE INTERNET WORKS: APP VIEW
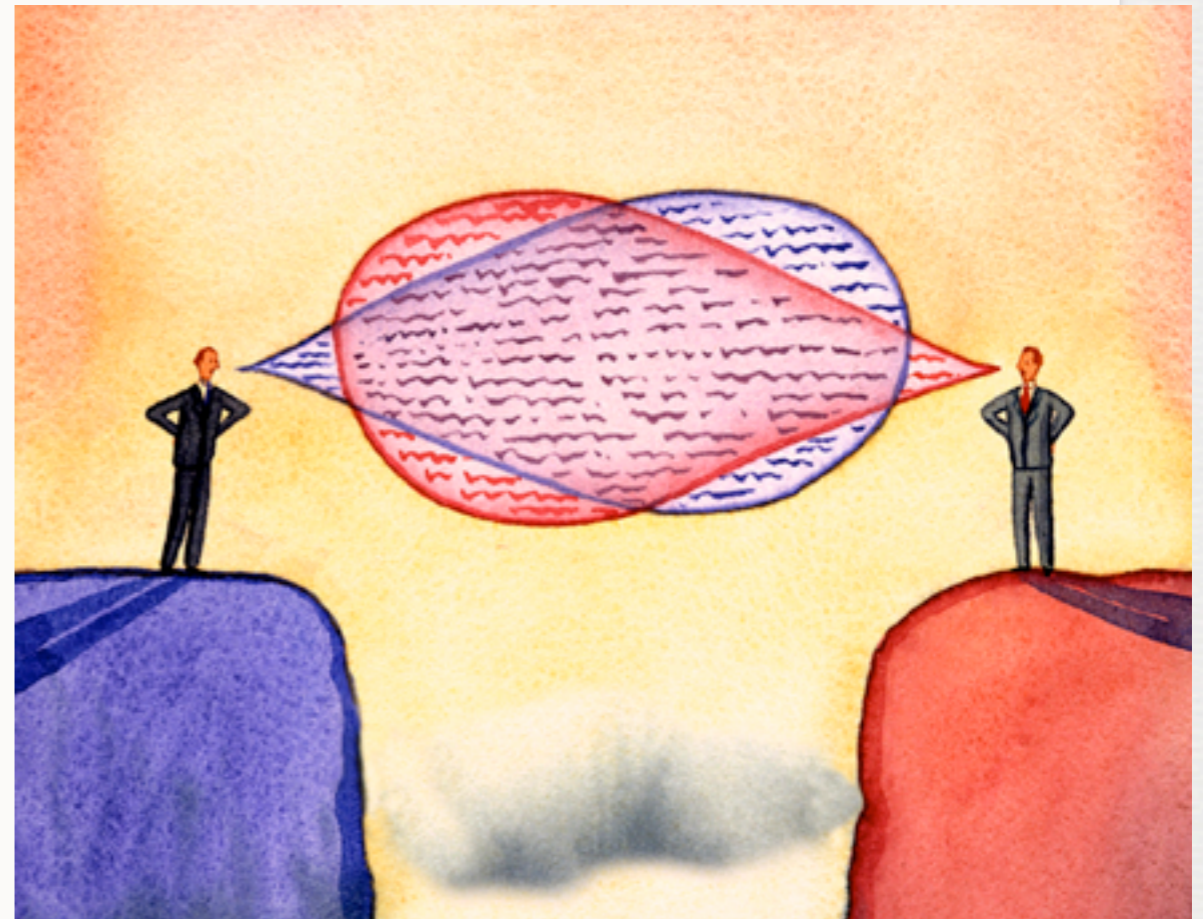
- Step 1 ask DNS

- Step 2 connect

-

Application

DNS

Server

BUT

- Different applications fetch different stuff from DNS

- No unified terminology (or good API)

DEFINED TERMS

- DNS Navigation: How you get to the answers

    - NS, CNAME, DNAME

- **DNS Integrity: Is this DNSSEC validated? (green requires)**

- **Service Specification Records:**

    - MX, SRV, NAPTR, or even A and AAAA

- Service Address Records

- **Application Authentication Records:**

    - TLSA, IPSECKEY

- Offered NAME (inside protocol)