

DNS/DNSSEC Workshop

In conjunction with LKNOG8

13-16 August 2024



Reverse DNS

Reverse Mapping

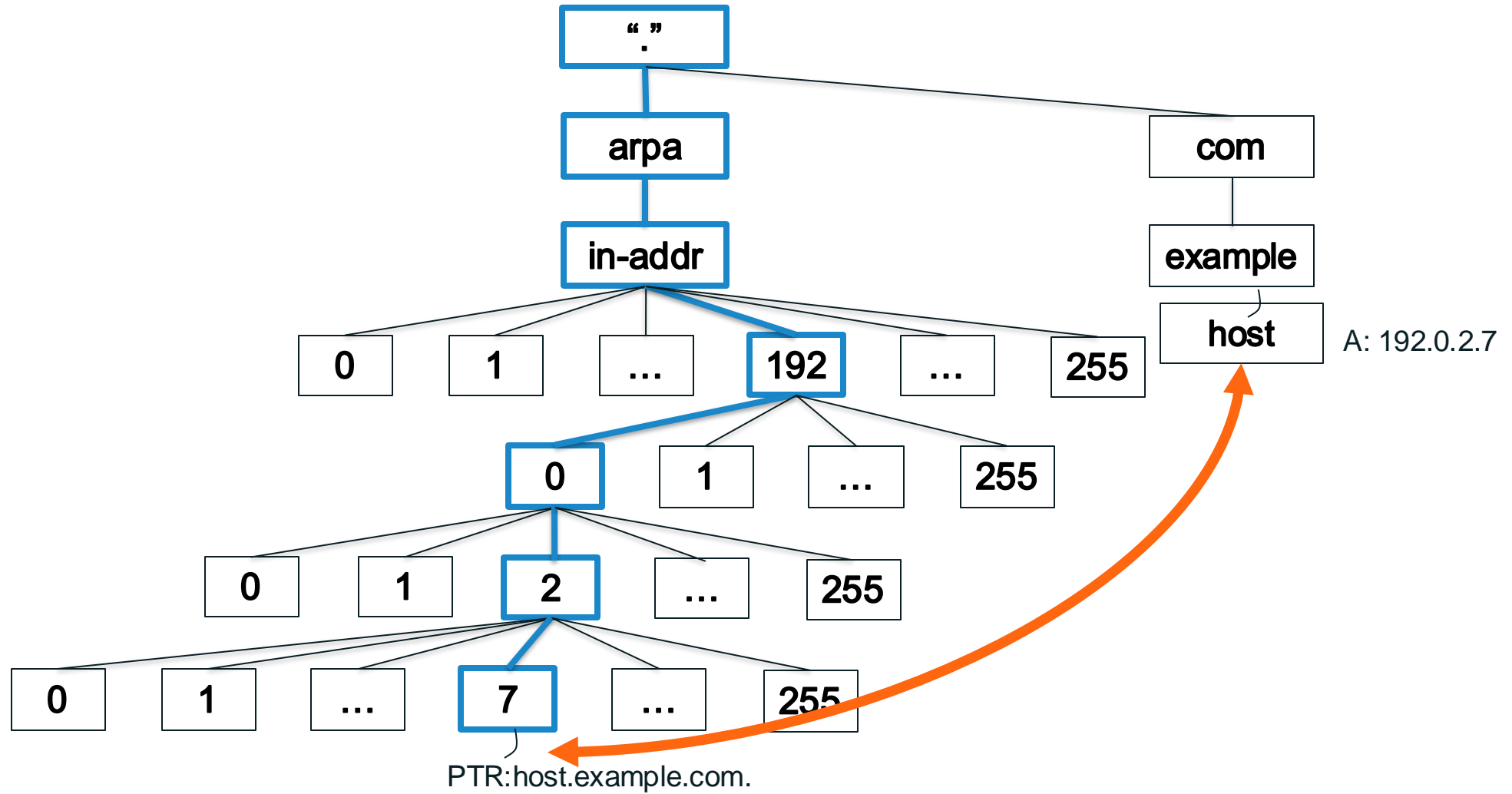
- ⦿ Name-to-IP is “forward” mapping
- ⦿ IP-to-name is “reverse” mapping
- ⦿ Reverse mapping accomplished by mapping IP address space to the DNS name space
 - ⦿ IPv4 addresses under *in-addr.arpa*
 - ⦿ IPv6 addresses under *ip6.arpa*
- ⦿ Uses PTR (pointer) records

7.2.0.192.in-addr.arpa. PTR host.example.com.

- ⦿ Corresponds to this A record:

host.example.com. A 192.0.2.7

Reverse Mapping



Engage with ICANN – Thank You and Questions



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