

L-root Romania Traffic

Internet Measurement Day - Bucharest

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L-root presentation

1. Introduction
   a. Team Introduction
   b. DNS and Root Servers
   c. L-root location and Global presence

2. L-root Europe Traffic
   a. Europe Daily DNS L-root Zone Queries
   b. Europe Daily IPv4 vs IPv4 Root Queries
   c. Romania's L-root Traffic

1. Team presentation

Engineering



Benjamin Farine
Sr Lead Infrastructure Engineer



John Bond
Principal Infrastructure Engineer



Eduardo Corzo
Sr Infrastructure Engineer

Management



John Crain
SVP & CTO



Matt Larson
VP, OCTO

Policy



Sam Eisner
Deputy General Counsel

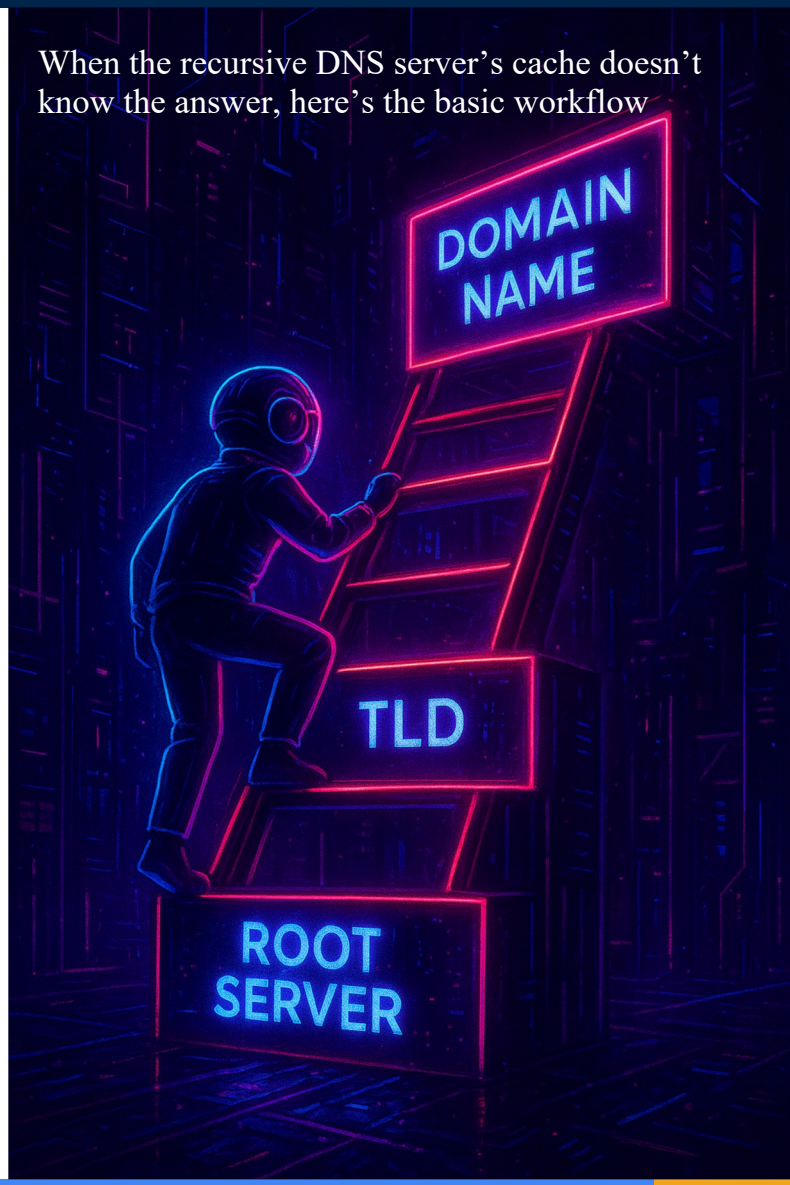
Project management



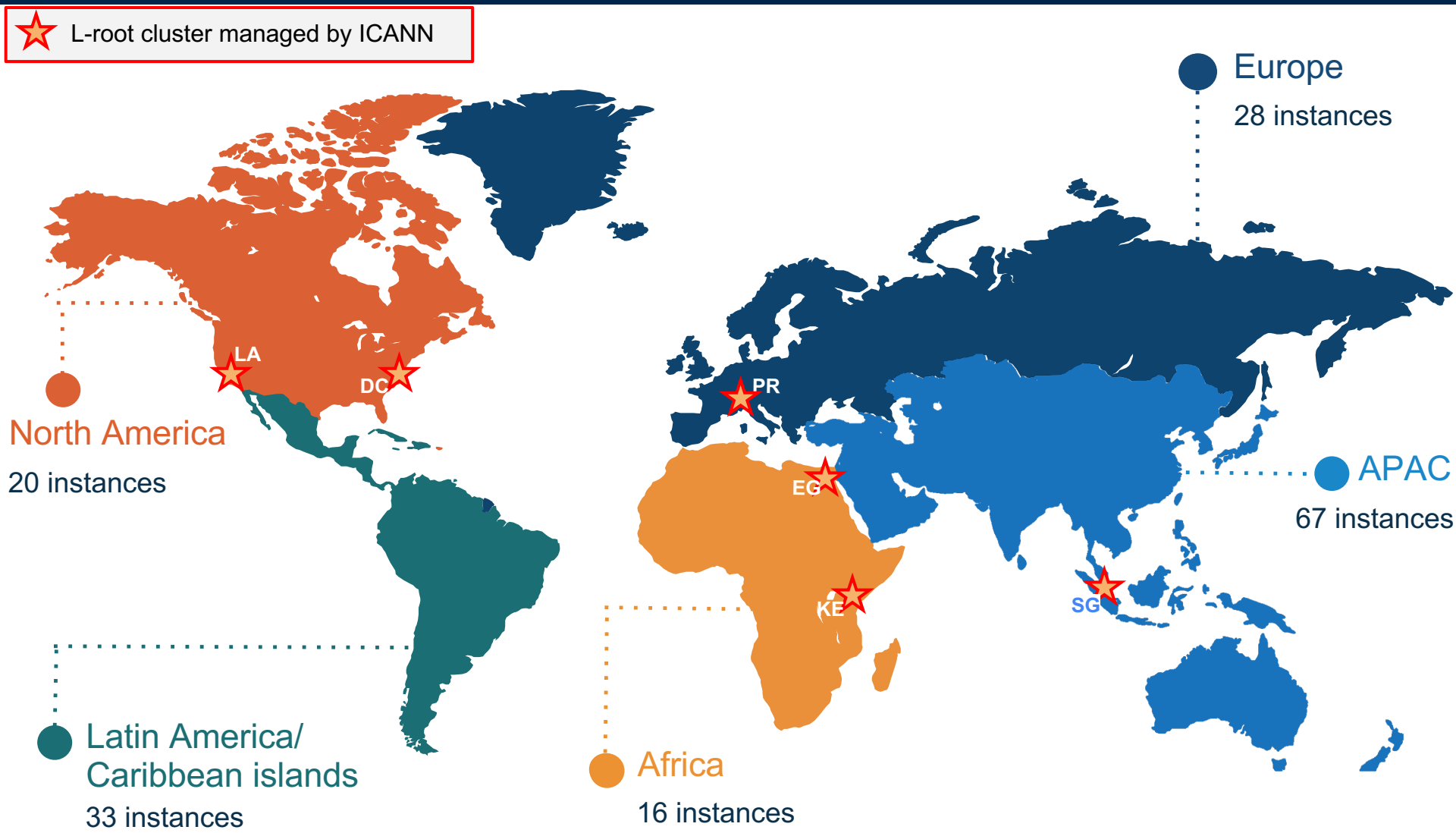
Hilary Jin
Project manager

1.Intro: DNS and Root Servers

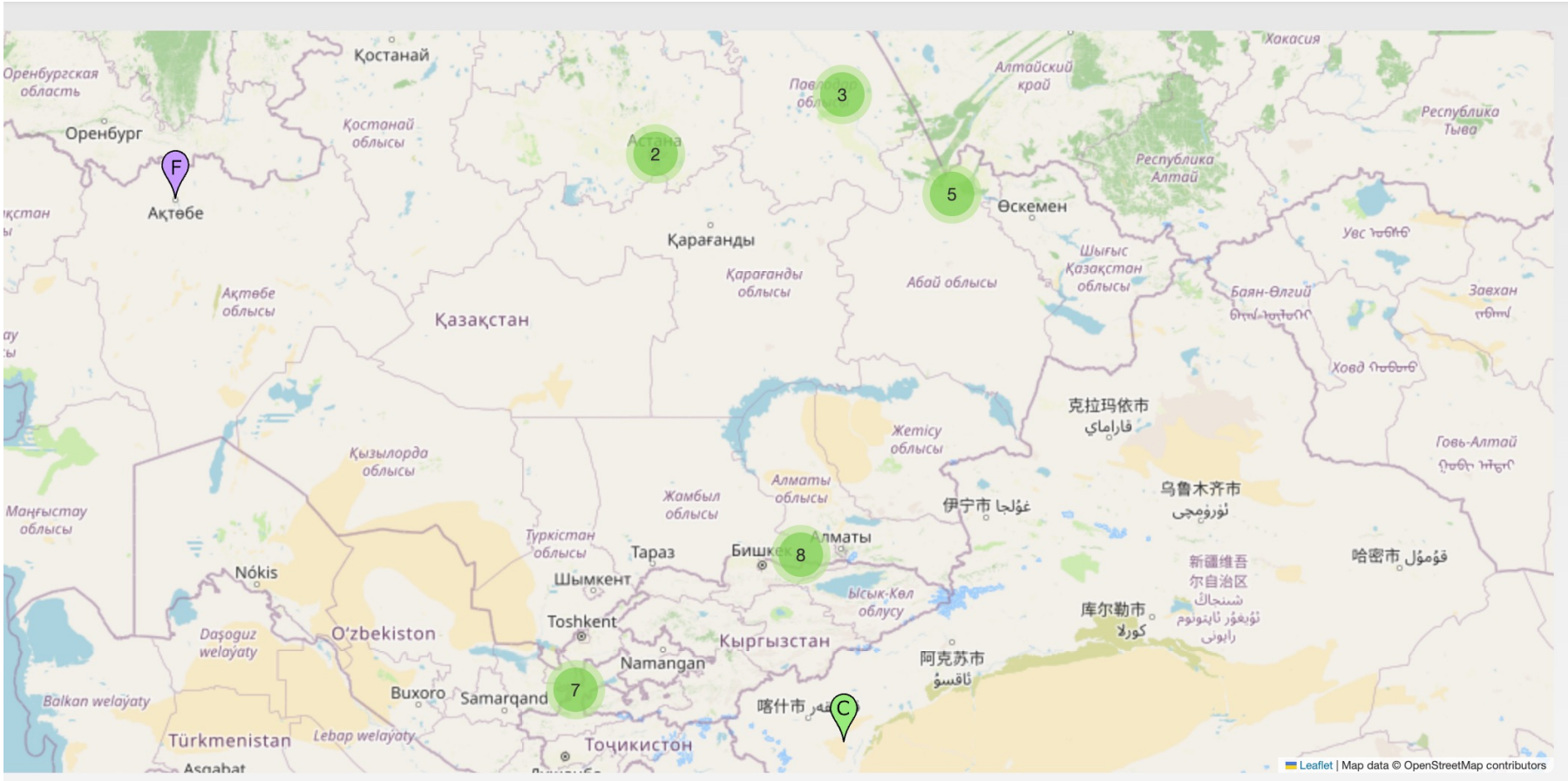
- **DNS**: Domain Name System
  - Critical Internet directory which translates human readable Domain Names into IP addresses and vice versa.
  - Example:
    - *a.primary.rotld.ro* → *192.162.16.18*
- **Root Servers**
  - 12 Root Server Operators*
  - They hold the Root Zone Database
  - Root Servers are deployed worldwide by multiple organizations - including ICANN.
- **L-root**
  - ICANN has maintained and operated ONE of the 13 Root Servers since 2002.



1. L-root Locations and Global Presence (Sept 2026)



2. RootServers in Kazakhstan



***Source**: ICANN DNS-STATS https://stats.dns.icann.org*

ICANN Webpage and Social Media Links


dns.icann.org


@icann


facebook.com/icannorg


youtube.com/icannnews


linkedin.com/company/icann


instagram.com/icannorg