DNSMON

DNS Monitoring from the RIPE NCC

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TTM Measurement Network

http://www.ripe.net/ttm

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TTM Measurement Network

Москва

Самара

Ростов-на-Дону

http://www.ripe.net/ttm
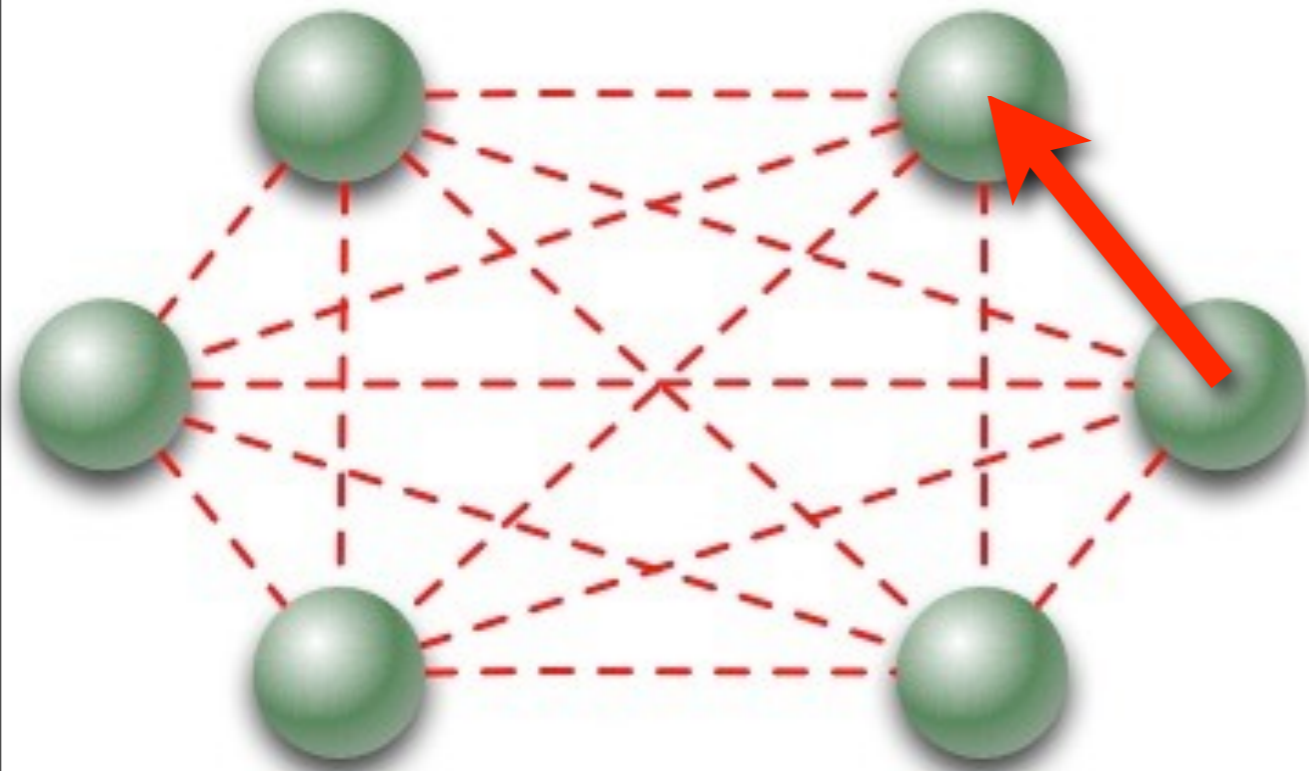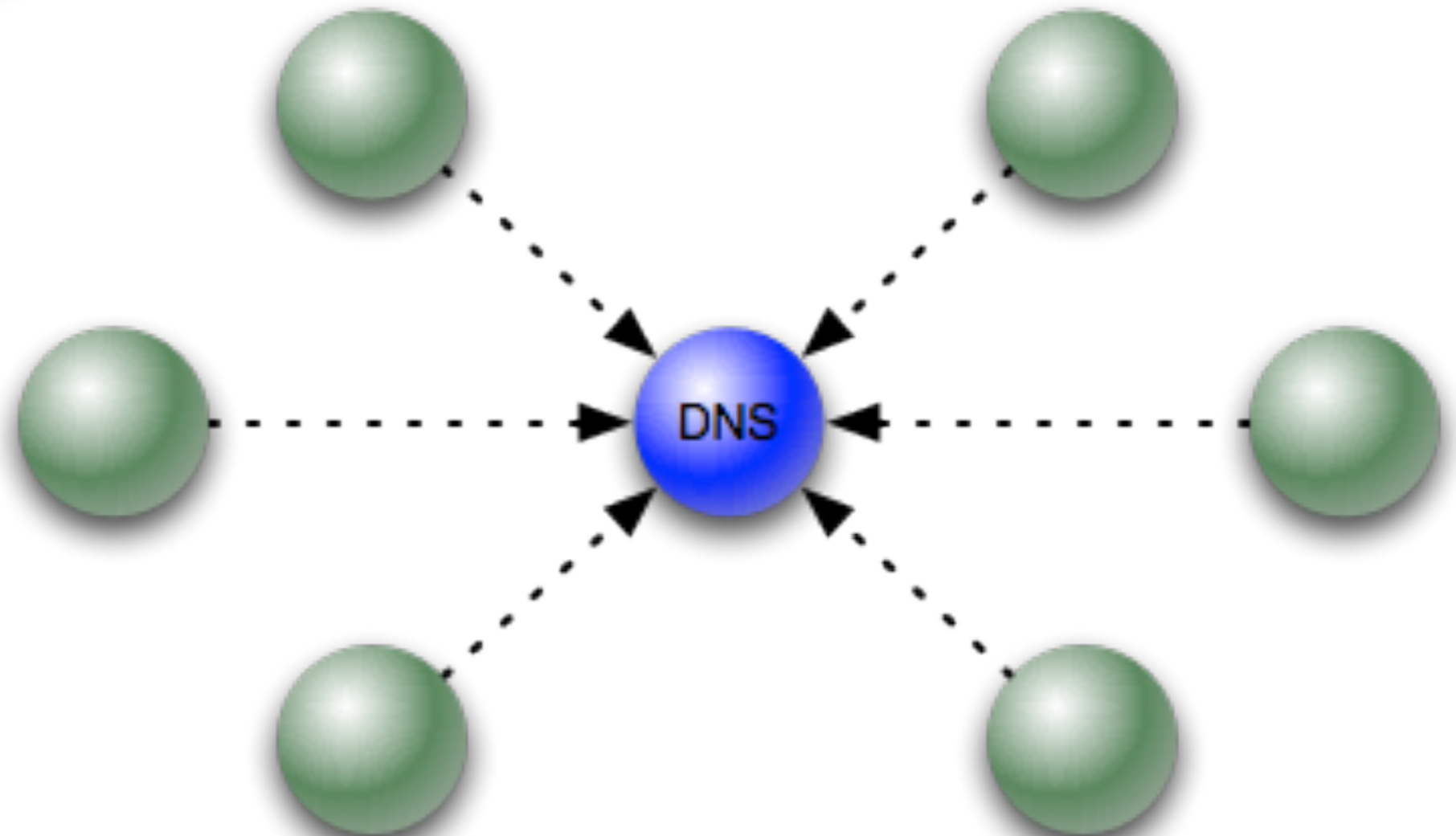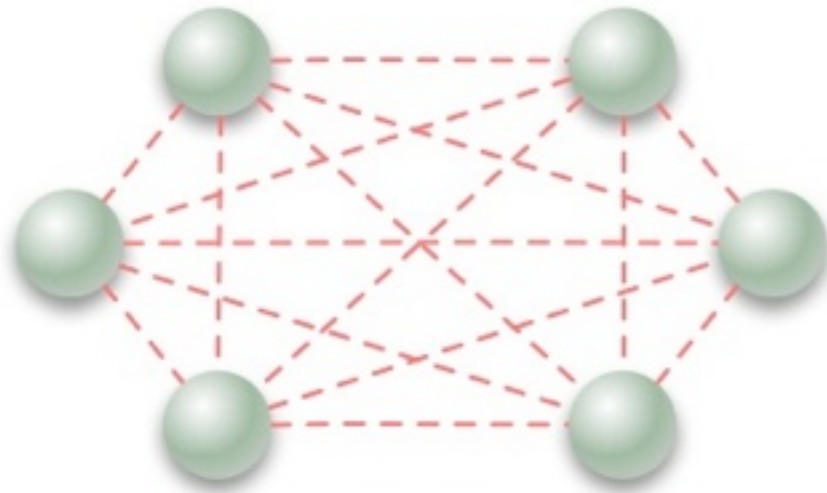
TTM Measurements

- One way measurements of delay/loss/jitter
- Fully connected mesh
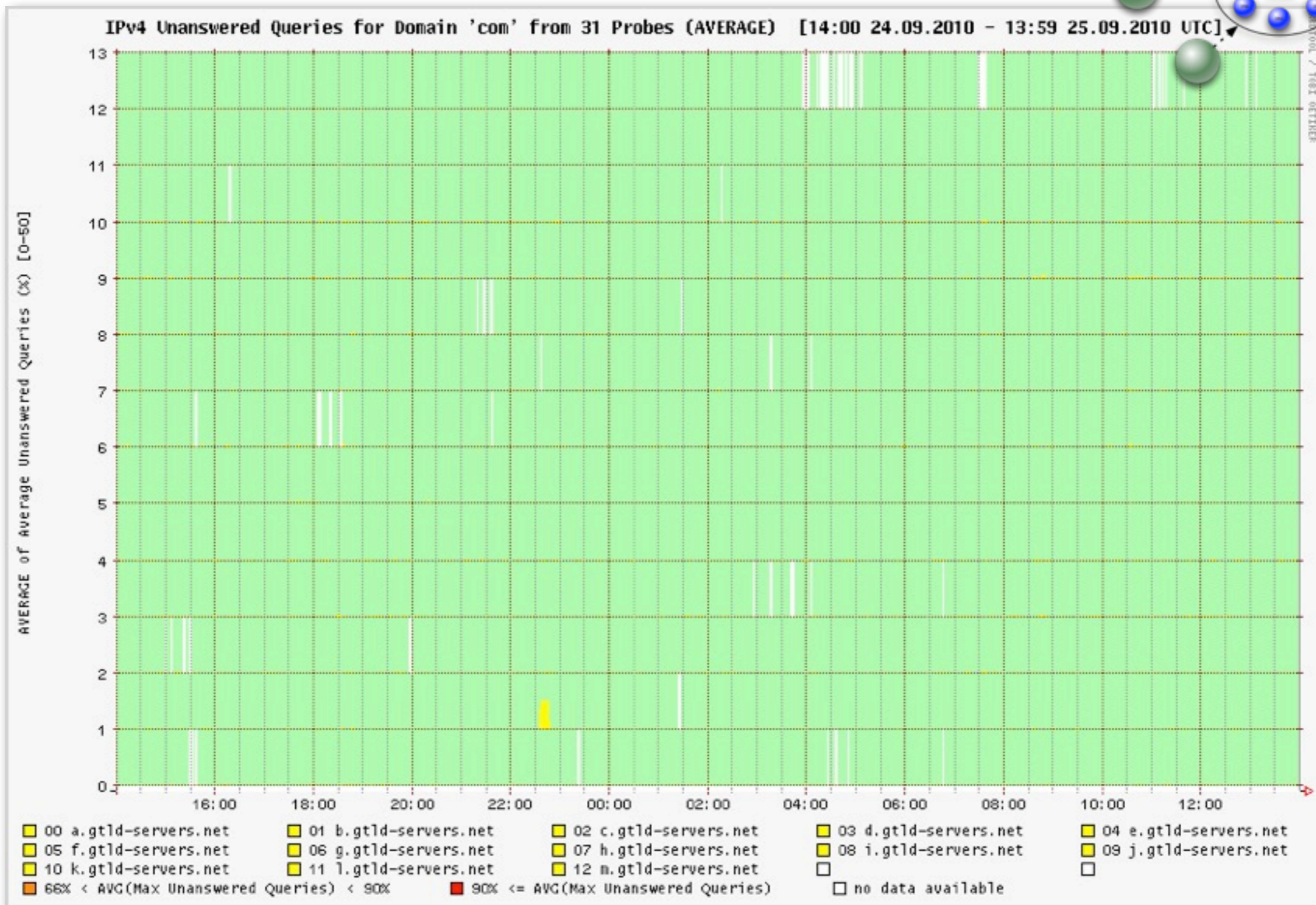

http://www.ripe.net/ttm

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DNS Monitoring - DNSMON

http://dnsmon.ripe.net

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Measurement output

IPv4 Unanswered Queries for Domain 'com' from 31 Probes (AVERAGE) [14:00 24.09.2010 - 13:59 25.09.2010 UTC]
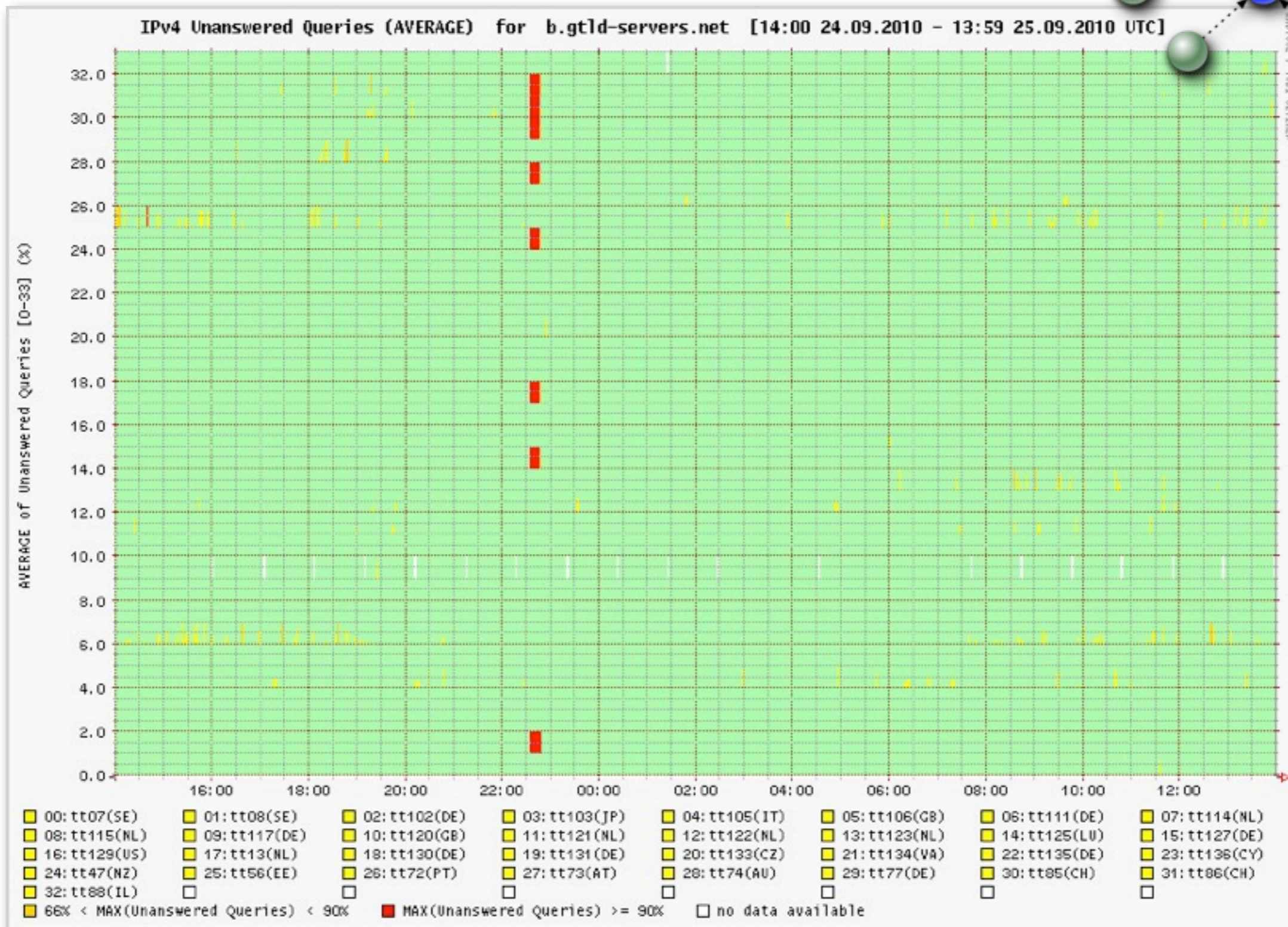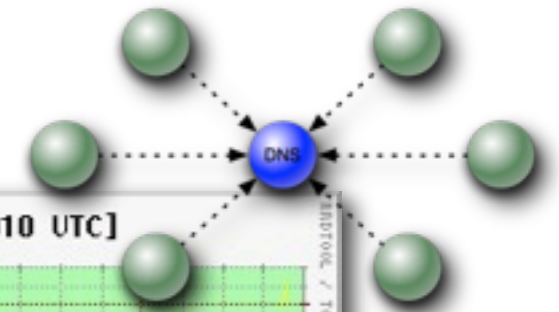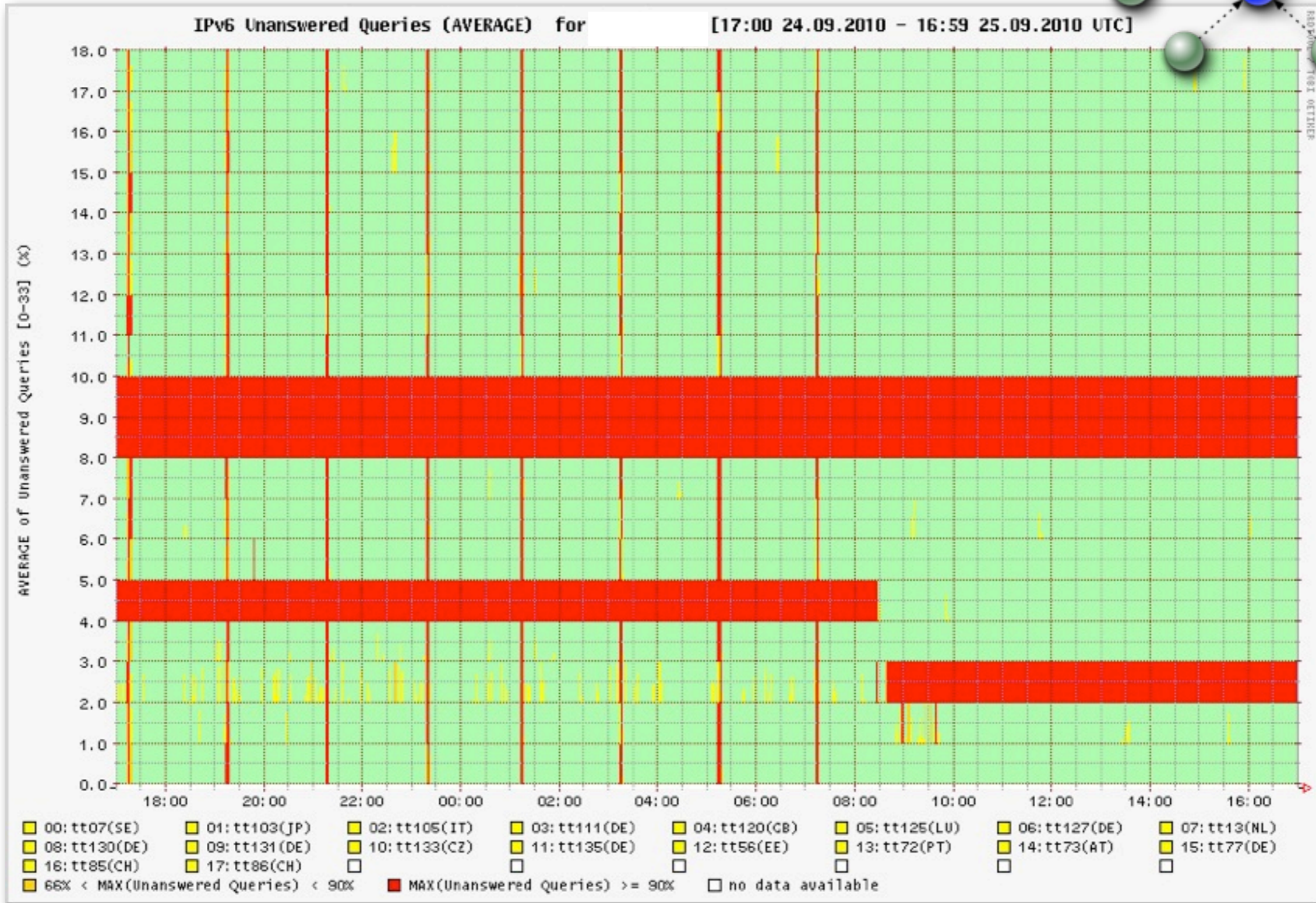
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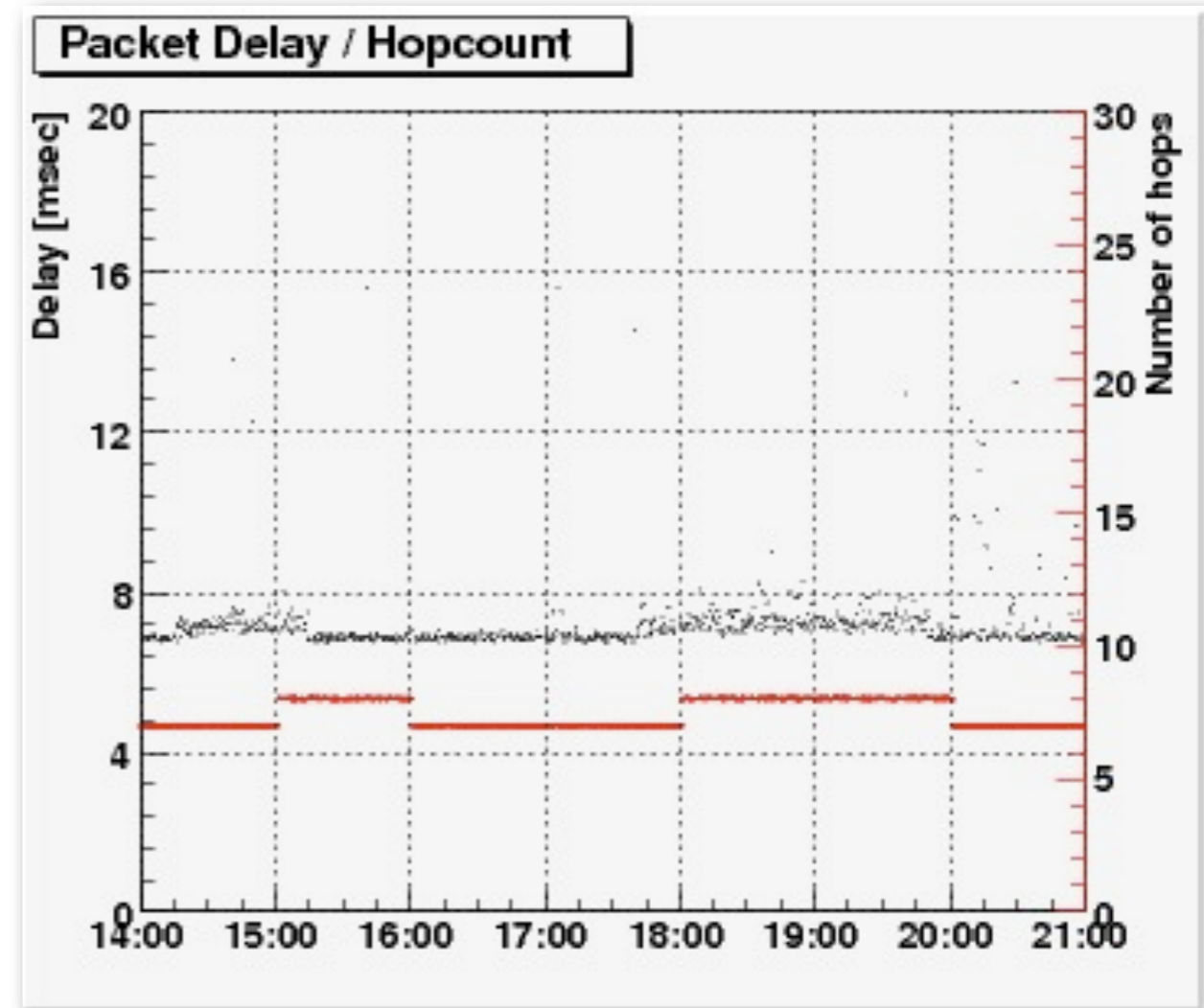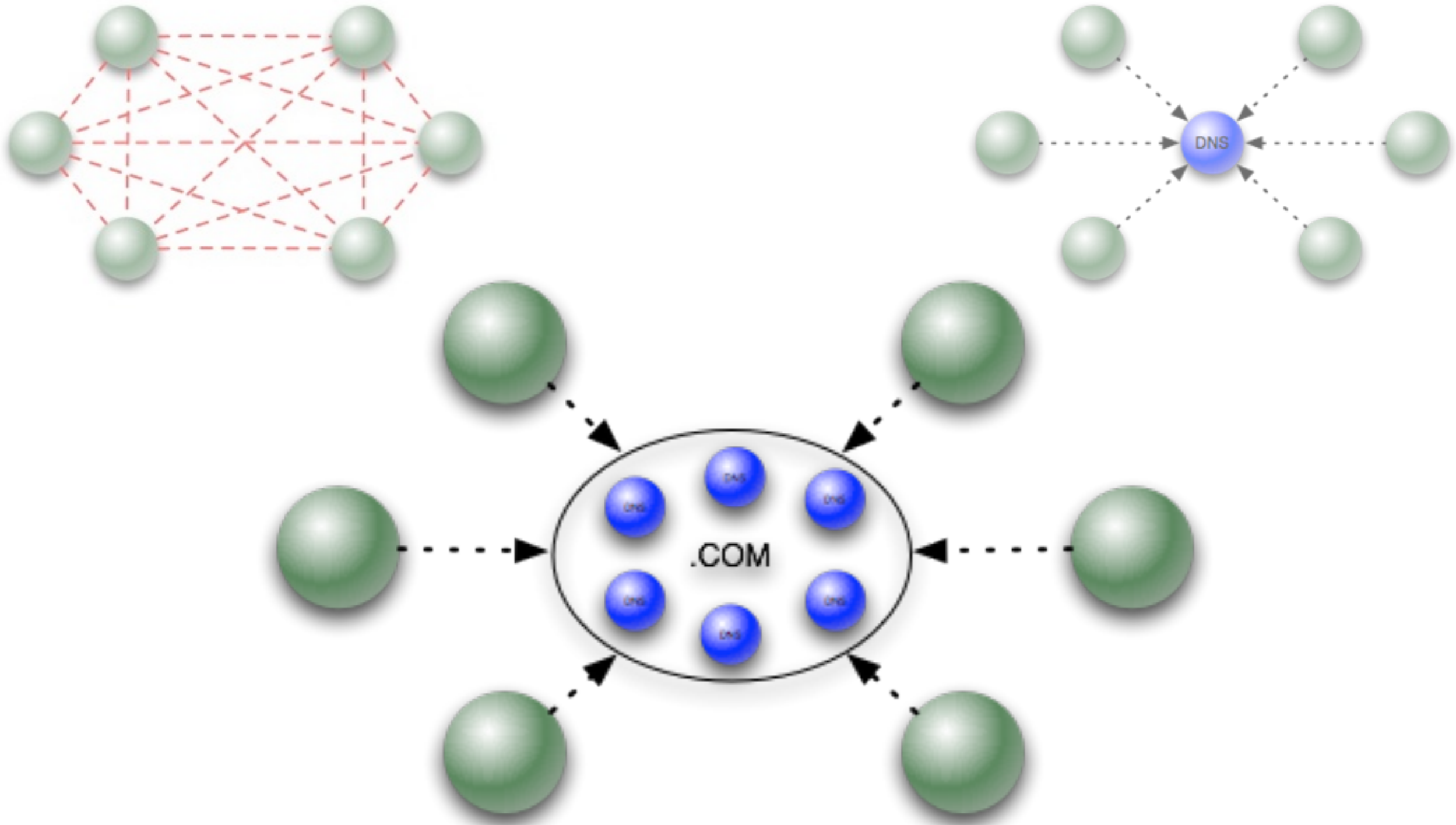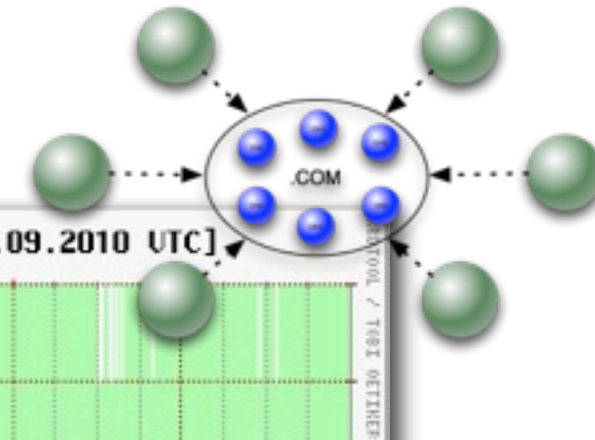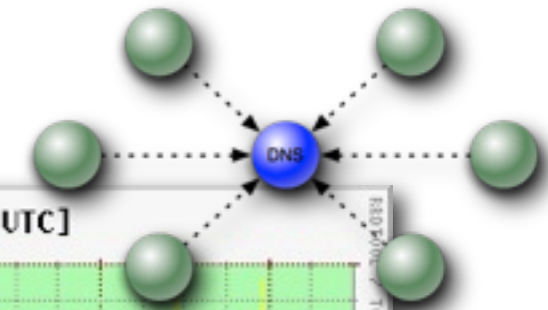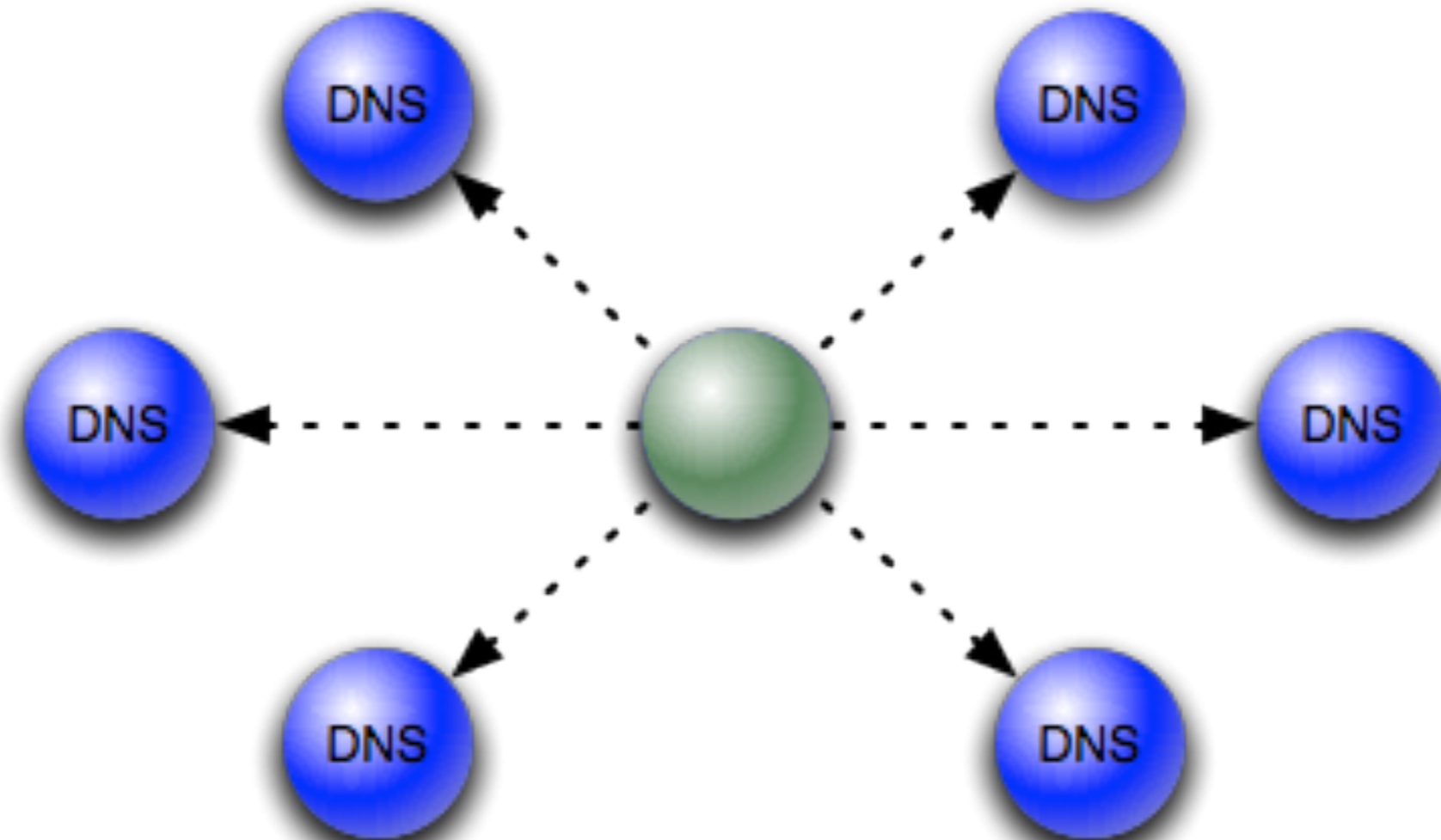
Measurement output

Measurement output

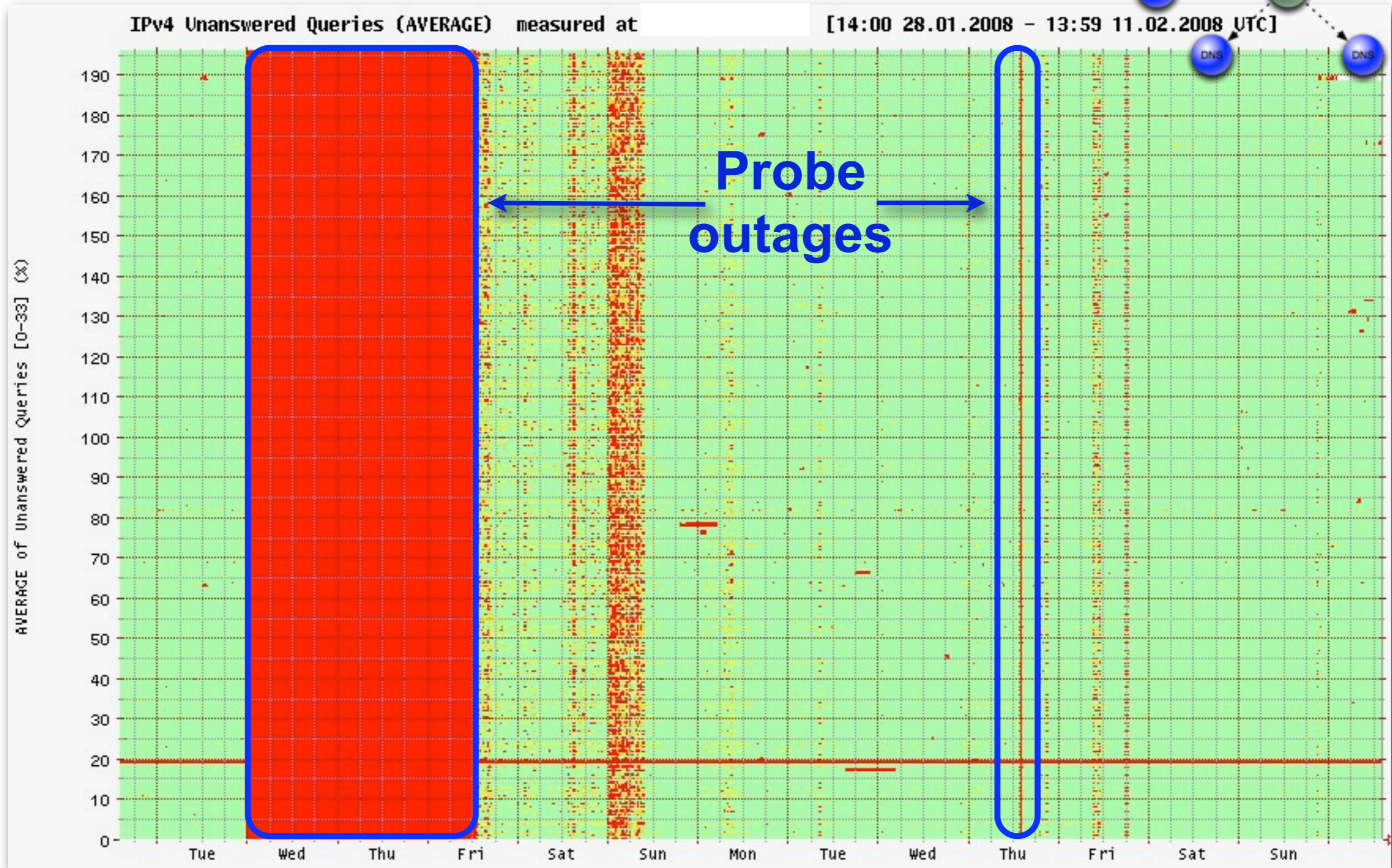# Probe-centric view

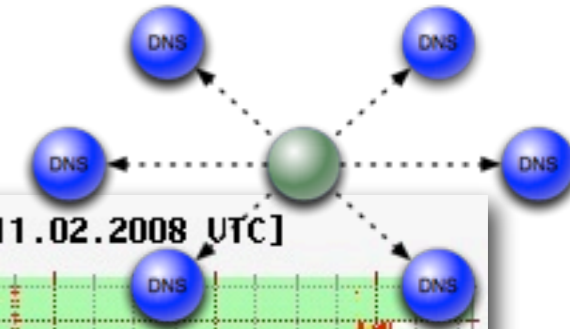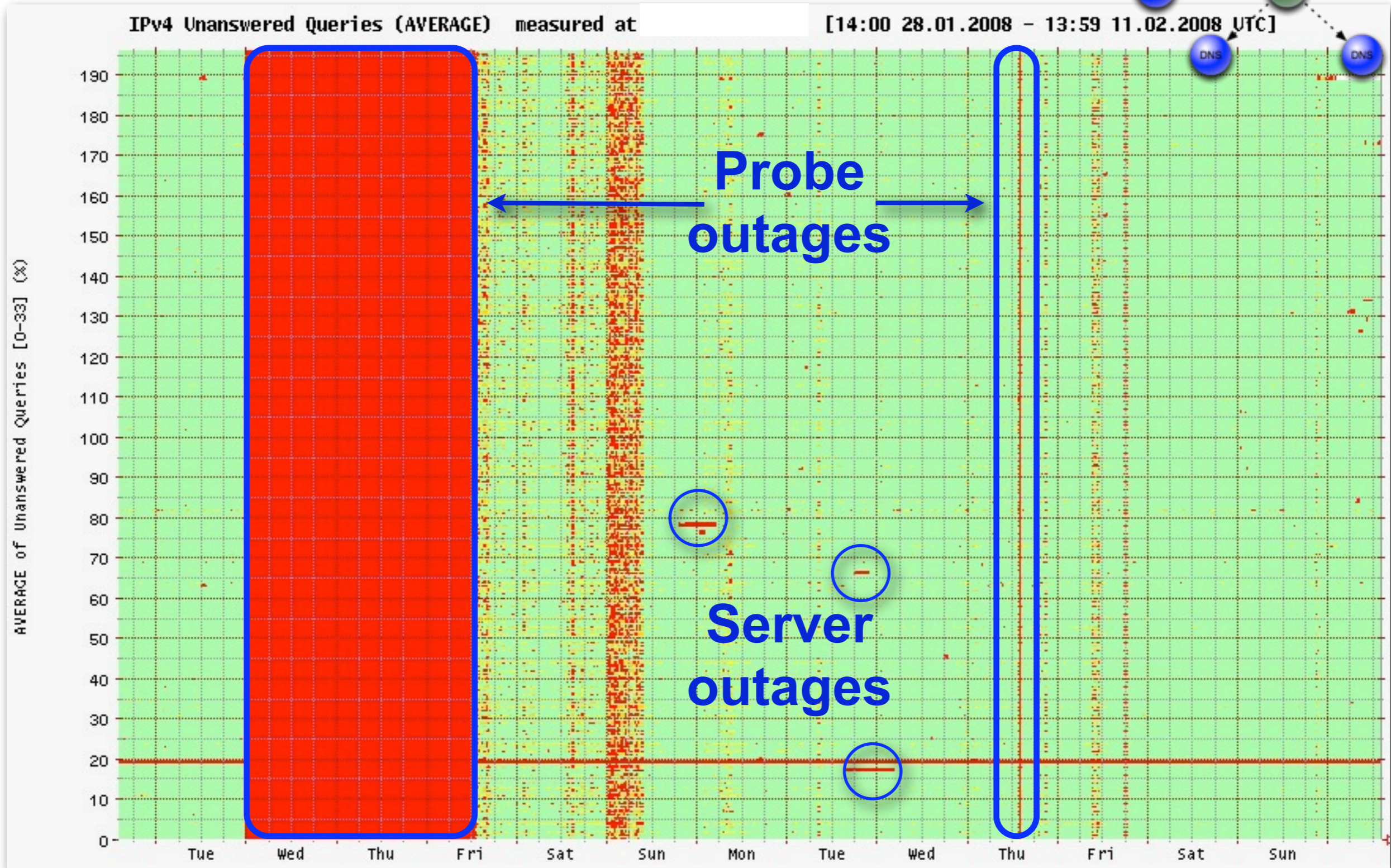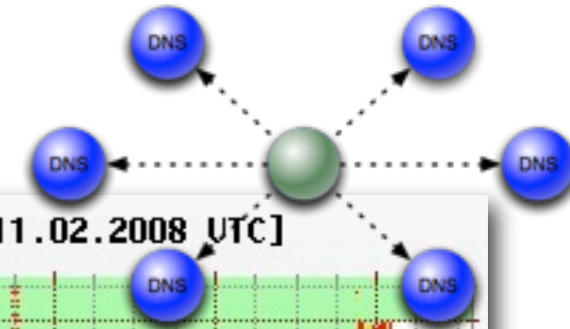# http://dnsmon.ripe.net

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Observations from DNSMON
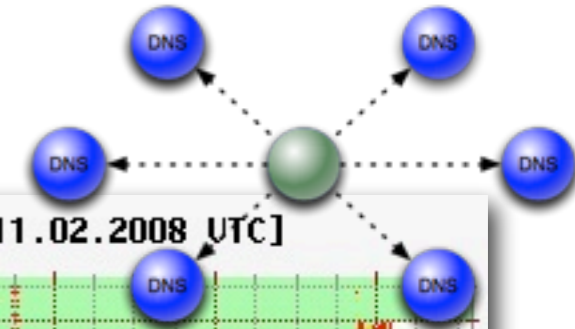
Observations from DNSMON
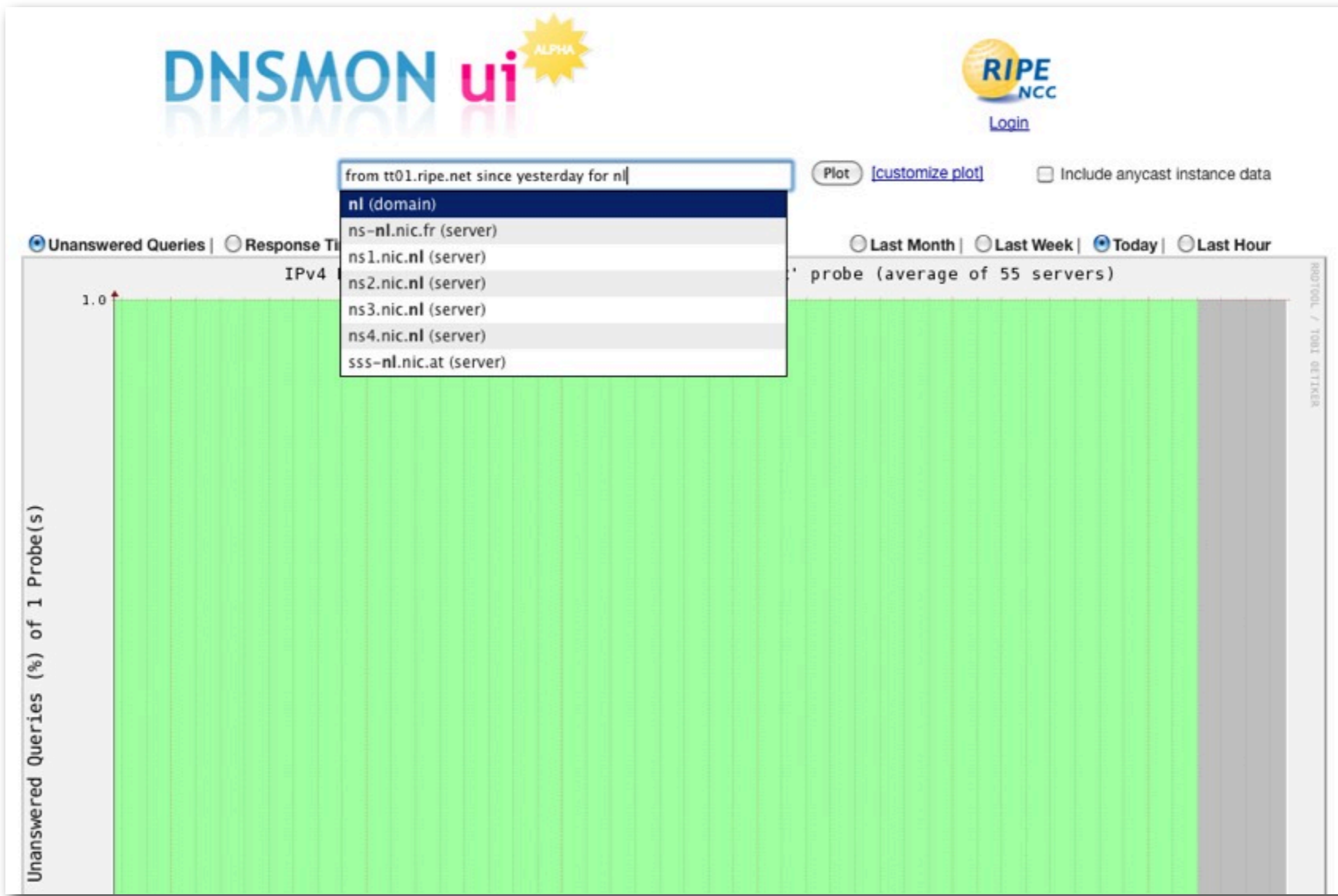
Observations from DNSMON

Service details

- Internet infrastructure DNS monitoring
  - Root servers
  - ccTLD, gTLD, ENUM tier-1 (cost recovery pricing)
- Globally distributed measurement network
  - ~90 active probes
  - Probe hosts get view from their location
- All measurements open to the public
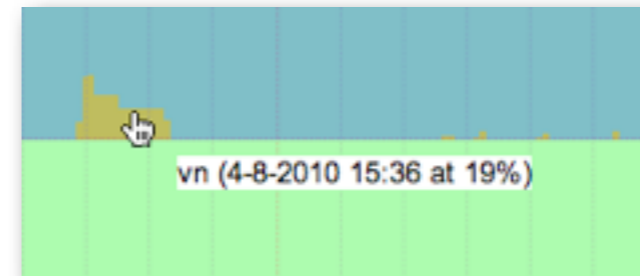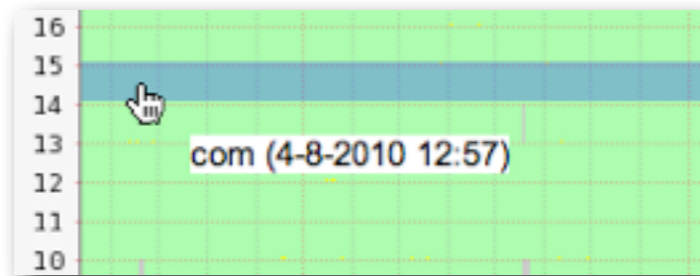 - http://dnsmon.ripe.net
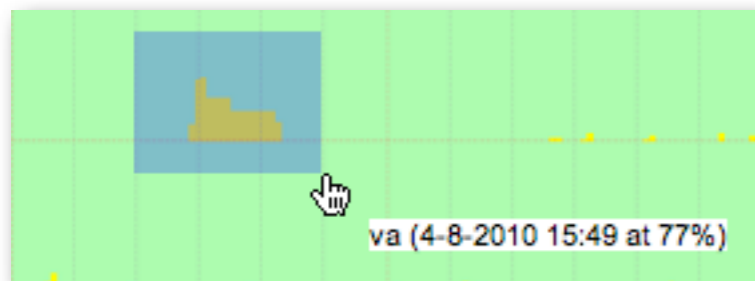
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New User Interface

New User Interface

- Cleaner sharper plots
- Row highlighting

- Drag zooming

- Follow developments on http://labs.ripe.net

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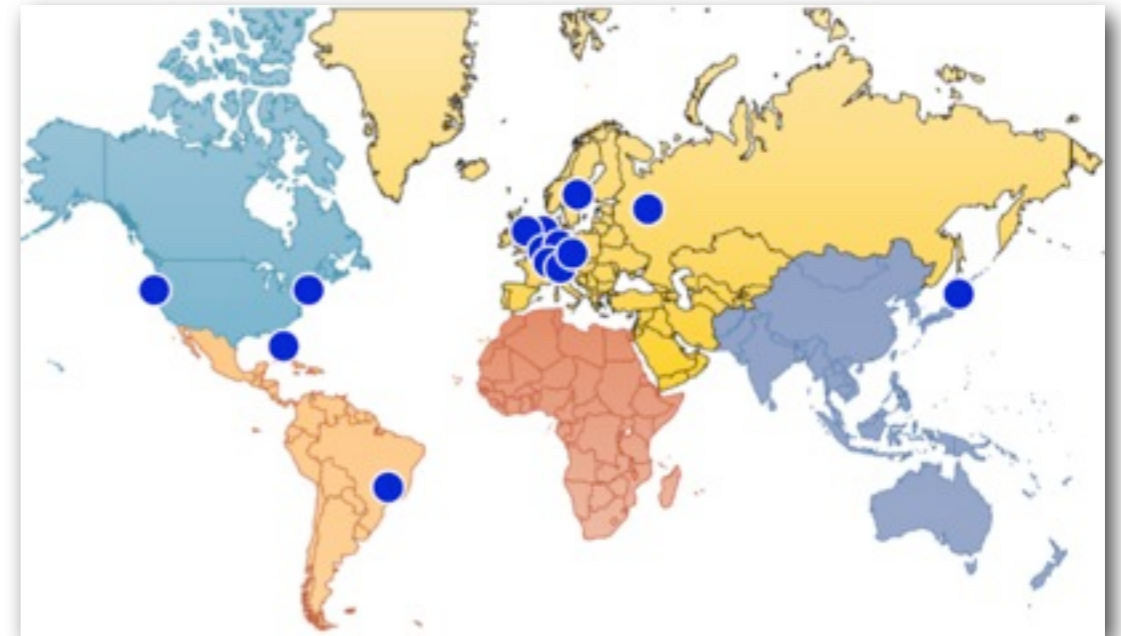
RIPE NCC Information Services

- Routing Information Service (RIS)
  - Collects BGP data
  - 600 peers
  - 16 Internet Exchange Points
  - http://www.ripe.net/ris

- Test Traffic Measurements (TTM)
  - Measures delay and loss
  - Stores traceroute data
  - Full mesh ~90 nodes
  - http://www.ripe.net/ttm

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Questions?

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