

# Information Services Update

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# Since RIPE 60

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- TTM Deployments
  - Nepal, Cambodia - Online
  - Portugal, Ukraine - Online soon
- RRCs being replaced
  - Replacing old hardware, Stockholm (Netnod)
- Resource database being developed (INRDB)
  - First to benefit RIS, NetSense
- New DNSMON beta

# NetSense Progress

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- Faster performance
  - Insertions now 60x faster
  - Parallelized searches
- Available data increased
  - 10 years of data searchable, previously only 3 months
- Enabled by new technology
  - Using hadoop/hbase with HDFS

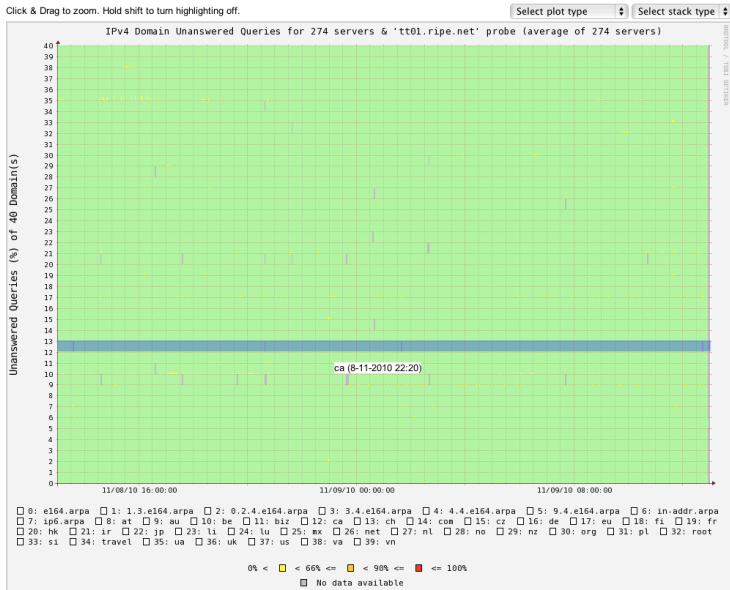
# DNSMON

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- Subscriber beta successful
  - Received great feedback
  - Always looking for more
  - Looking at further performance enhancements
- Public beta announced last week
  - System has been stable
- Changes based on feedback from subscribers.
  - New ccTLD and gTLD customers welcome

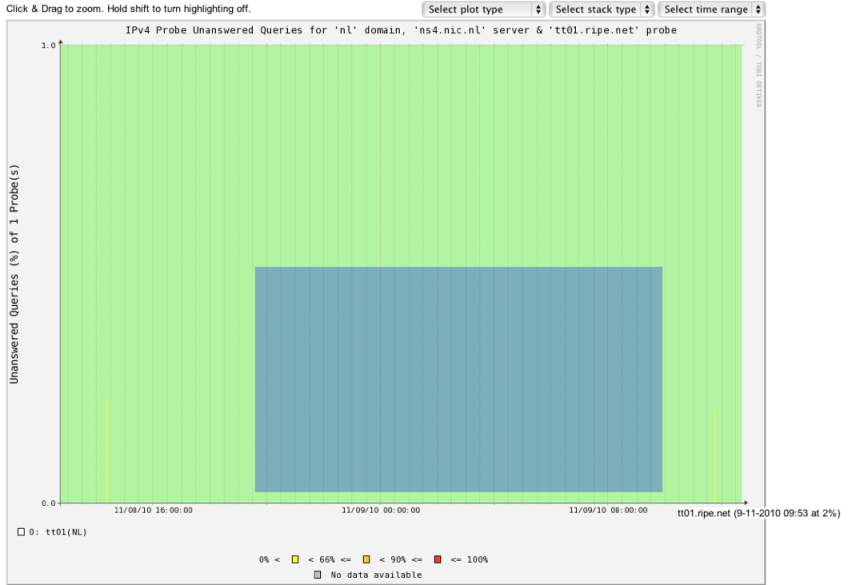
<http://beta.dnsmon.ripe.net>

# DNSMON - Row and value highlighting



All times are in UTC.

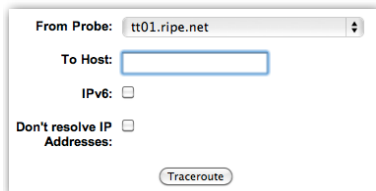
# DNSMON - Click'n'drag zooming



All times are in UTC.

# DNSMON - Traceroutes

- Available to subscribers



From Probe: tt01.ripe.net

To Host:

IPv6: ☐

Don't resolve IP Addresses: ☐

Traceroute

**Result:**

```
1 212.12.32.161 0.556 ms 0.504 ms
2 212.12.32.209 2.805 ms 1.855 ms
3 212.12.34.89 0.450 ms 0.401 ms
4 212.12.32.213 0.394 ms 0.367 ms
5 212.12.32.126 0.438 ms 0.397 ms
6 80.81.192.95 9.631 ms 9.787 ms
7 213.136.1.89 14.670 ms 213.136.1.81 14.492 ms
8 195.69.144.68 12.051 ms 11.854 ms
9 193.0.0.193 11.670 ms 11.551 ms
```

# What we are working on now

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- Working on integrating tools in to a unified suite
  - Routing, Connectivity, DNS
- Integrating with RIPE Atlas
- Looking for
  - RIPE Atlas Sponsors
  - TTM hosts
  - DNSMON subscribers



Questions?

