

Information Services Update

Sean McAvoy - Systems Engineer
<smcavoy@ripe.net>



Since RIPE 60

- 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

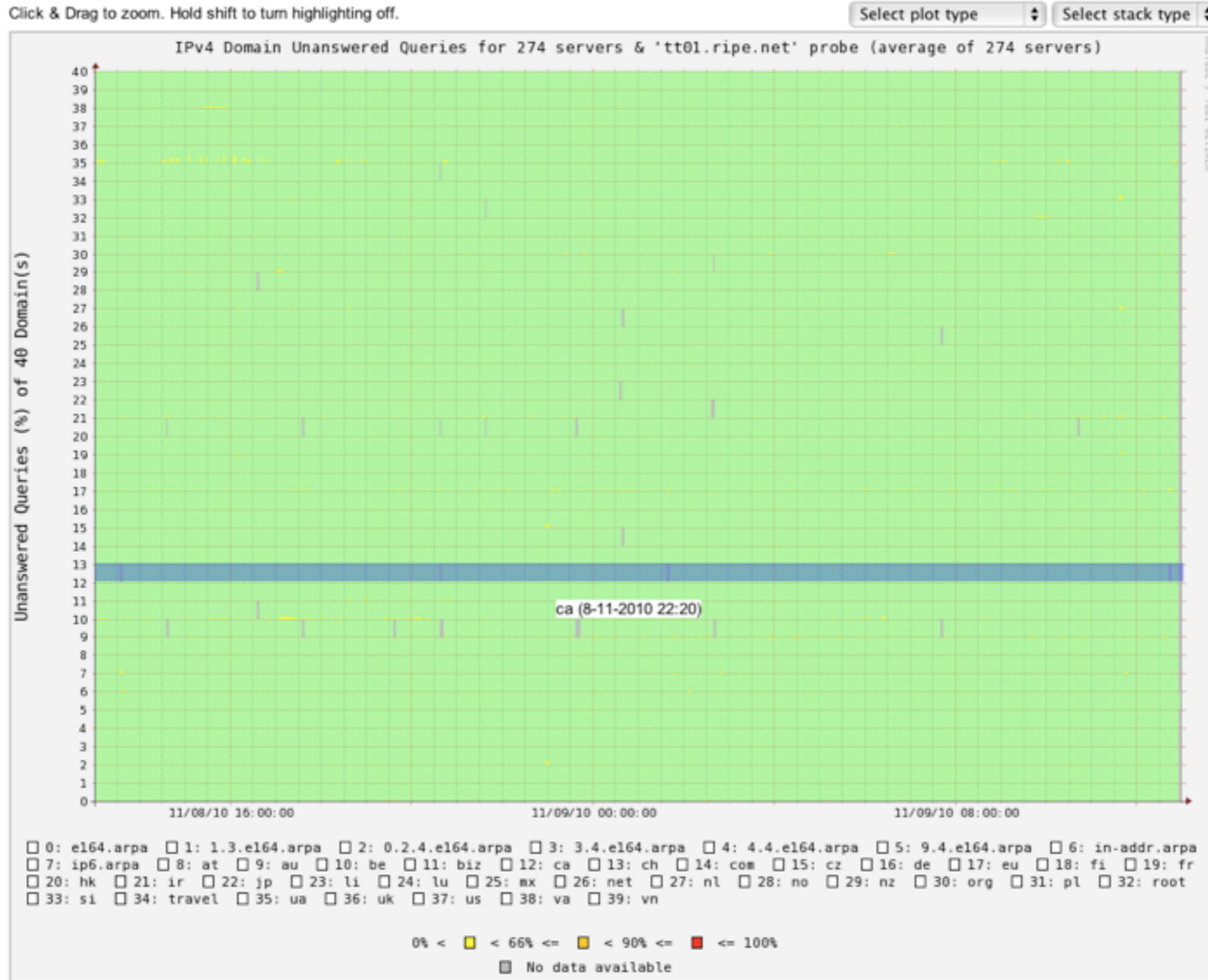
- Faster performance
 - Insertions now 60x faster
 - Parallelized searches
- Available data increased
 - 10 years of data searchable, previously only 3 months
- Enabled by new technology
 - Using hadoop/hbase with HDFS

DNSMON

- 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

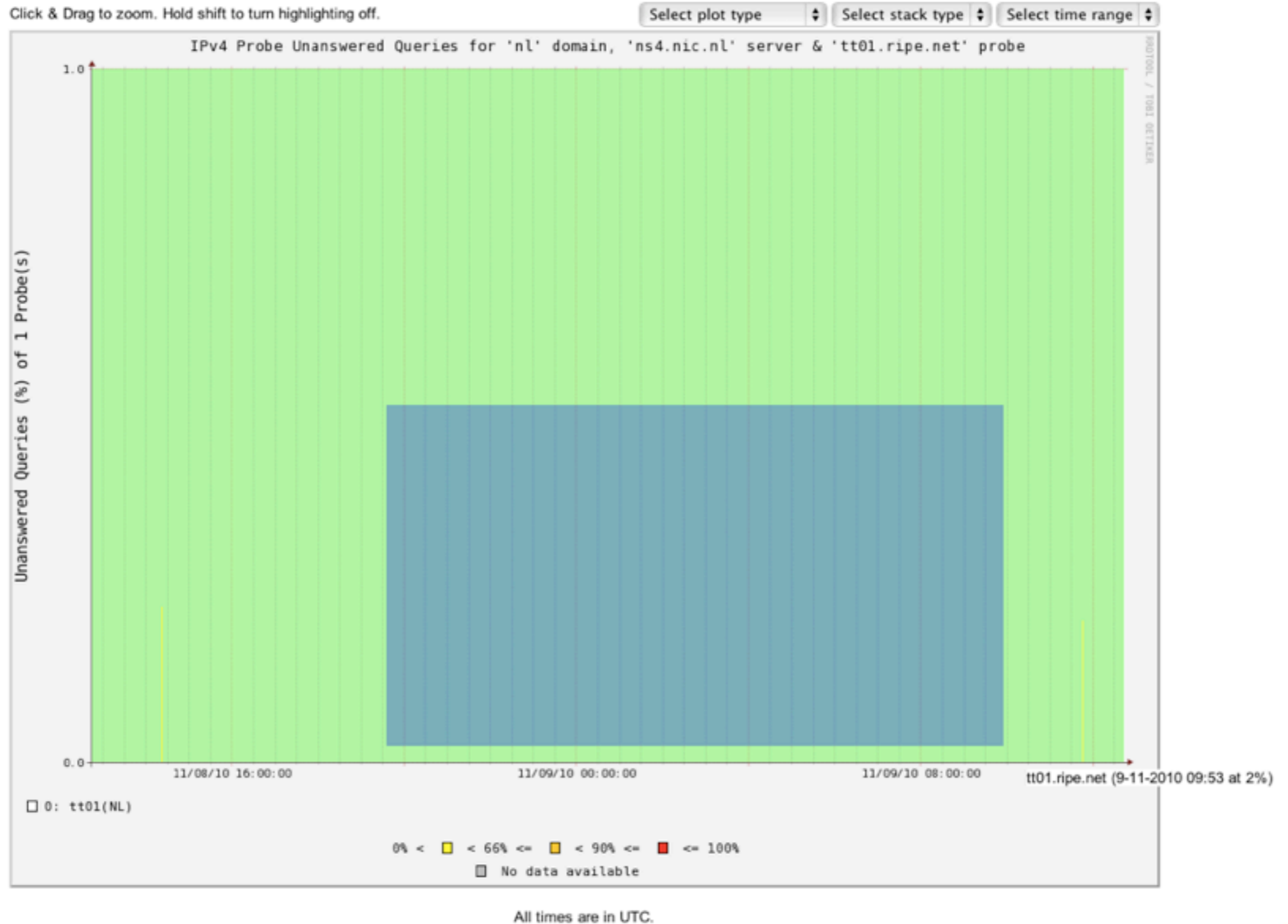
<http://beta.dnsmon.ripe.net>

DNSMON - Row and value highlighting



All times are in UTC.

DNSMON - Click'n'drag zooming



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

- 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?

