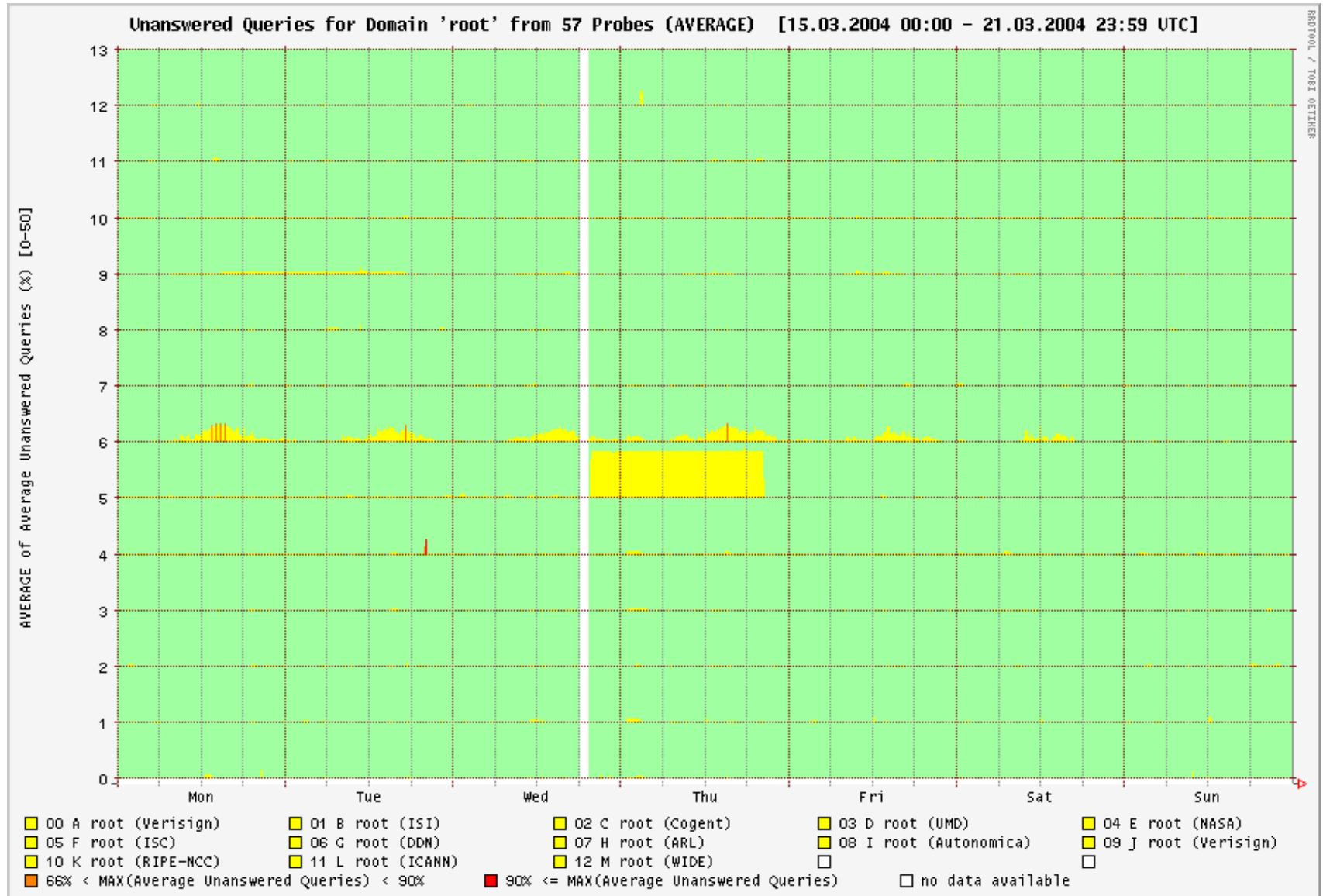


DNSSMON and the Routing Information Service (RIS)

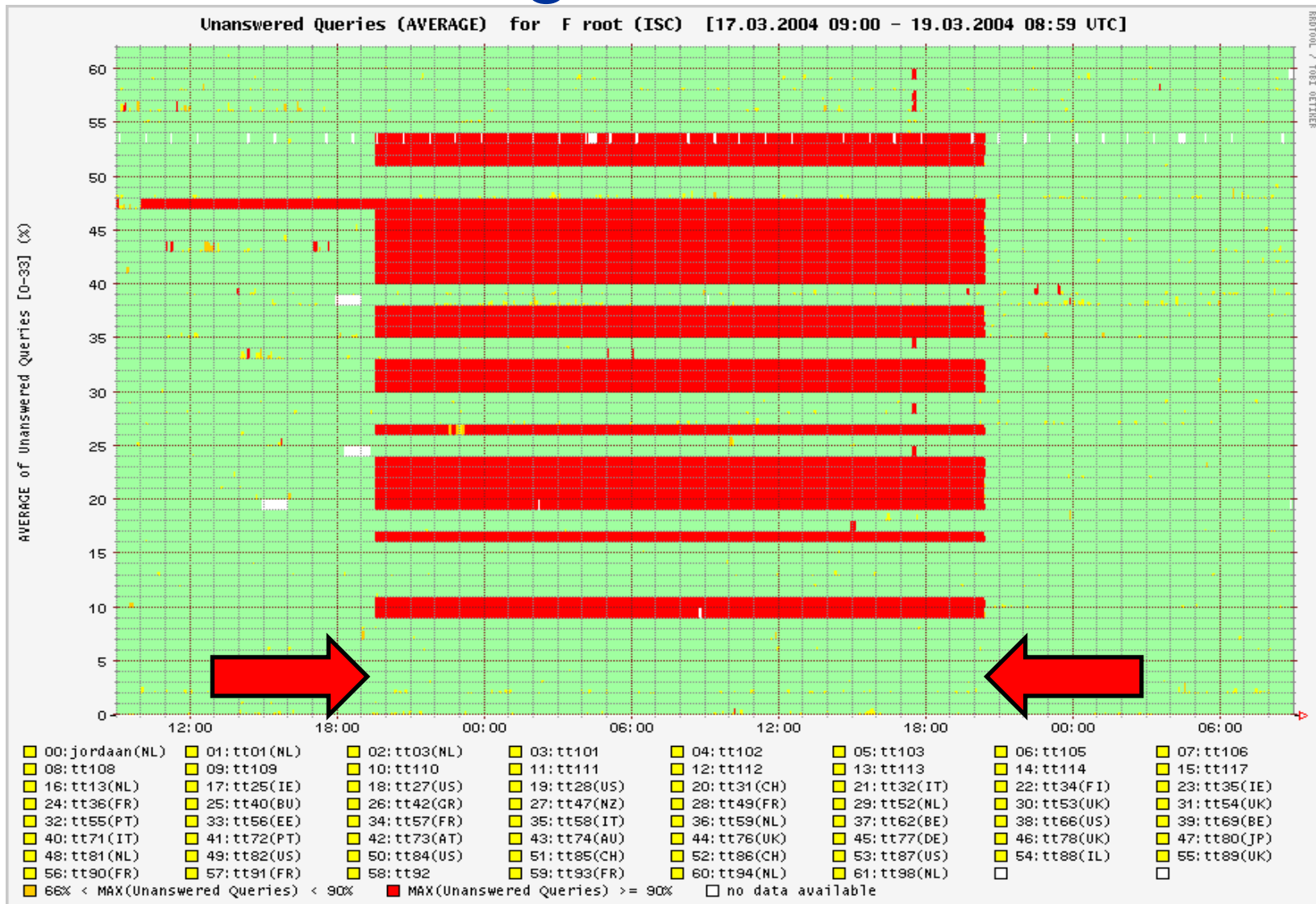
Matthew Williams
New Projects

Internal RIPE NCC, April 2004

F-Root Incident



Zooming in on the Server



Prefix Query

RIS Query - Netscape

File Edit View Go Bookmarks Tools Window Help

http://www.ripe.net/cgi-bin/risprefix.cgi

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Search RIS by Prefix

Specify prefix, time interval and RRC box in order to search the [RIS](#) database. Please observe that we only keep collected data in our database up to 3 months. However, depending on DB size, we may keep some RRC boxes' data for more than 3 months. To see the last status of data in database, first check [RIS DB Status](#) page. In any case, it is possible to access old data (binary format) from our [rawdata](#) page. If you need more help, look at [RIS Help](#) page.

Please, enable Javascript in your browser to select individual peers.

Prefix:

From:

To:

RRC Box:

Type: ☒ All ☐ Announcements ☐ Withdrawals

Sort by: ☒ Time ☐ Prefix ☐ Peer ☐ ASpath

Output type: ☒ HTML ☐ Text

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Ripe NCC Start of Problem Period – All RRCs

RIS Query result: all - Netscape

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http://www.ris.ripe.net/cgi-bin/risprefix.cgi?net=192.5.5.0%2F24&prefype=ematch&action=Search Search

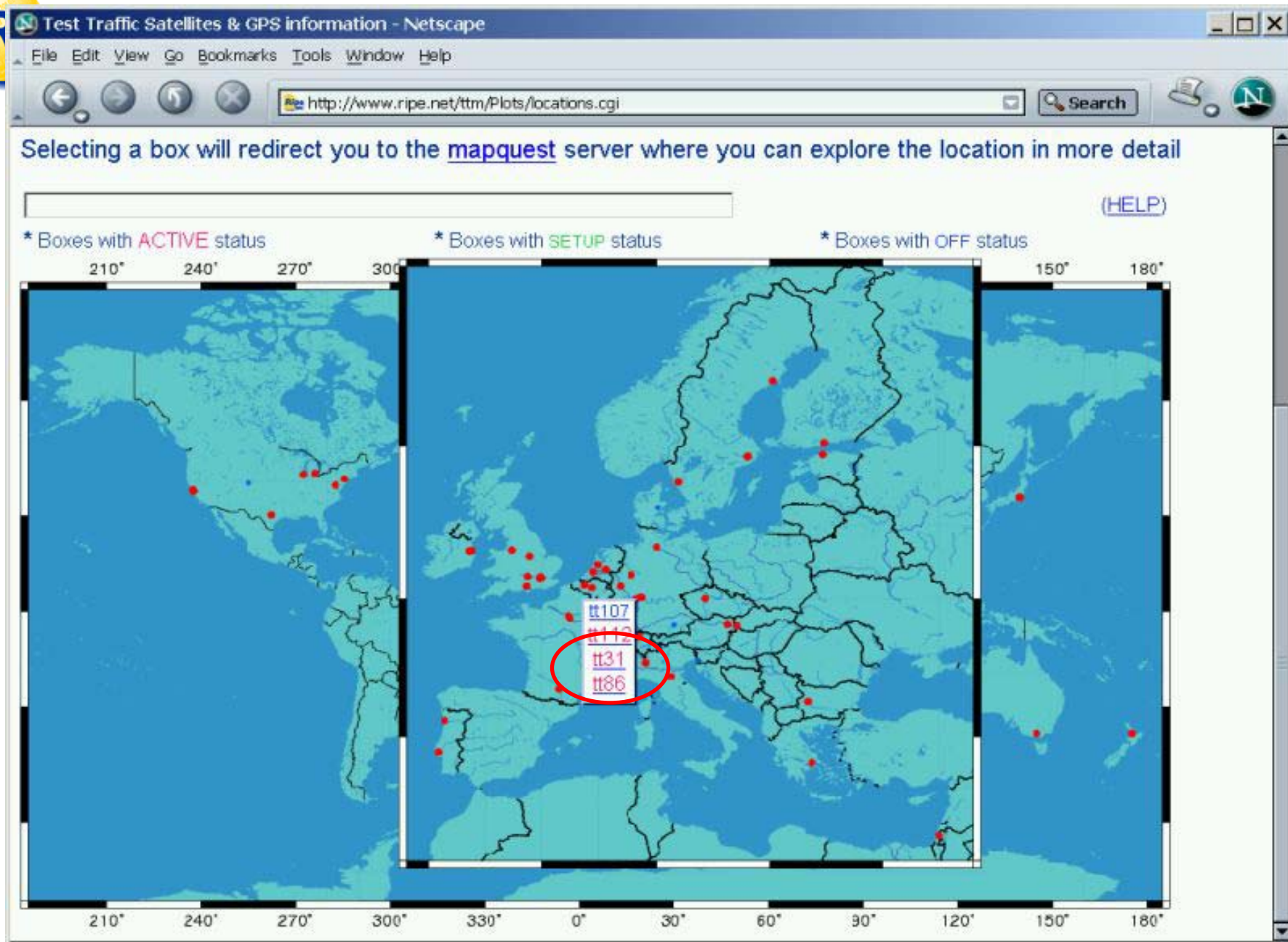
Updates between 2004-03-17 19:00:00Z and 2004-03-17 21:00:00Z .

Type	Prefix	Time	Peer	Next HOP	MED	Origin	AS path	Community	RRC ID
A	192.5.5.0/24	2004-03-17 19:33:23Z	195.69.144.34	195.69.144.34	0	IGP	1103 11537 7660 9270 3608 23713 3557	-	RIPE NCC
A	192.5.5.0/24	2004-03-17 19:33:33Z	192.65.184.3	192.65.184.3	0	IGP	513 11537 7660 9270 3608 23713 3557	-	RIPE NCC
A	192.5.5.0/24	2004-03-17 19:33:33Z	192.65.184.3	192.65.184.3	0	IGP	513 11537 7660 9270 3608 23713 3557	-	CIXP
A	192.5.5.0/24	2004-03-17 19:33:33Z	193.10.252.5	193.10.252.5	0	IGP	2603 20965 11537 7660 9270 3608 23713 3557	2603:666 7660:4 7660:9270 9270:9270 11537:2501 11537:2502 20965:11537	Netnod
A	192.5.5.0/24	2004-03-17 19:33:36Z	193.203.0.1	193.203.0.1	0	IGP	1853 20965 11537 7660 9270 3608 23713 3557	-	VIX
A	192.5.5.0/24	2004-03-17 19:33:45Z	192.65.185.130	192.65.185.130	0	IGP	559 20965 11537 7660 9270 3608 23713 3557	-	CIXP

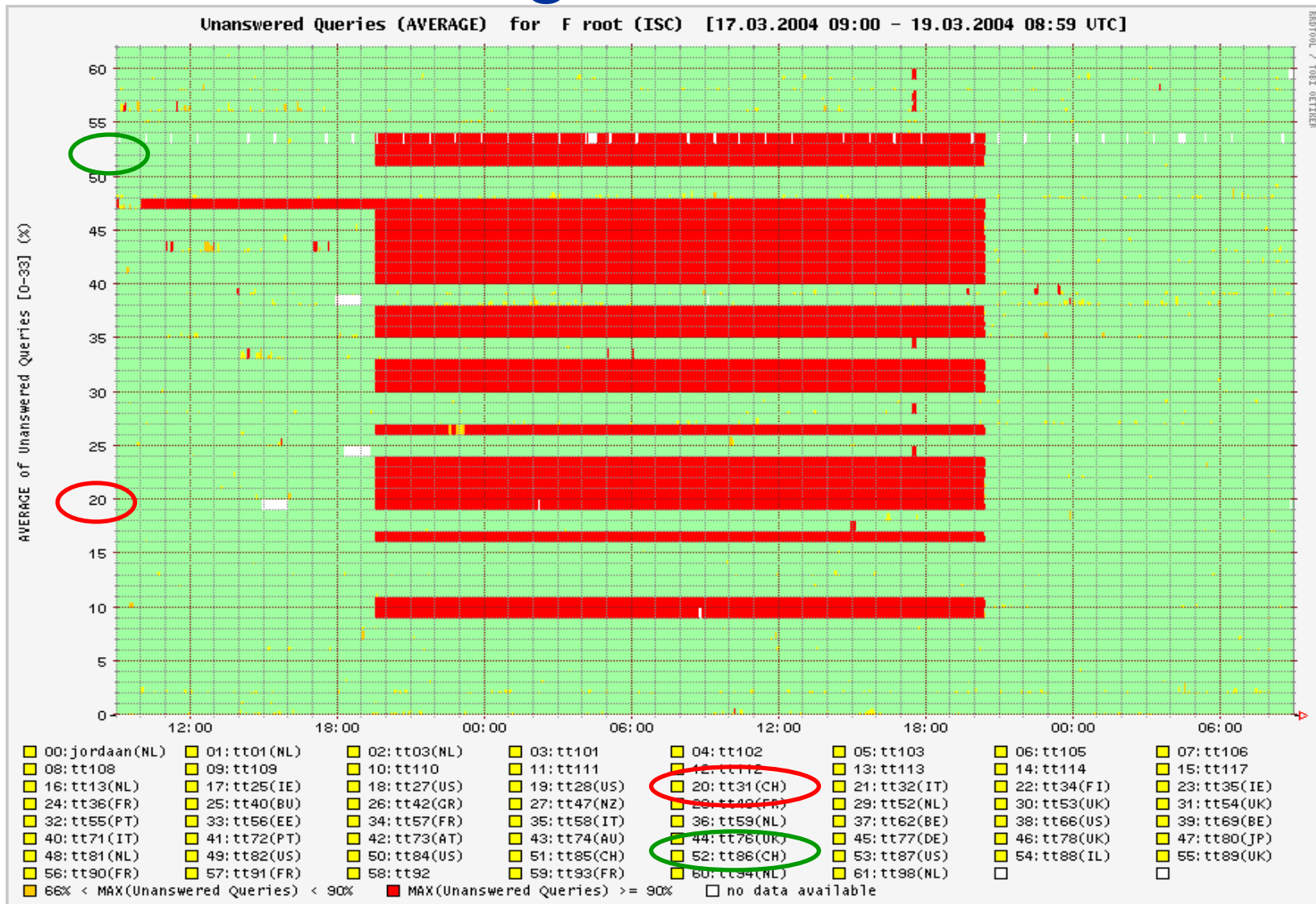
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Zooming in on the Server





End of Problem Period – RRC04

RIS Query result: rrc04 - Netscape

File Edit View Go Bookmarks Tools Window Help

http://www.ris.ripe.net/cgi-bin/risprefix.cgi?net=192.5.5.0%2F24&preftype=ematch&action=Se Search

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RIS DB query result for rrc04. [Reset](#)

State of the local RIB on 20040318.

Prefix	Last update time	Peer	Next HOP	MED	Origin	AS path	Community	RRC ID
192.5.5.0/24	2004-03-17 19:33:33Z	192.65.184.3	192.65.184.3	0	IGP	513 11537 7660 9270 3608 23713 3557	-	CIXP
192.5.5.0/24	2004-03-17 19:33:45Z	192.65.185.130	192.65.185.130	0	IGP	559 20965 11537 7660 9270 3608 23713 3557	-	CIXP

Updates between 2004-03-18 20:00:00Z and 2004-03-18 21:00:00Z .

Type	Prefix	Time	Peer	Next HOP	MED	Origin	AS path	Community	RRC ID
W	192.5.5.0/24	2004-03-18 20:22:27Z	192.65.185.130	-	0	IGP	-	-	CIXP
A	192.5.5.0/24	2004-03-18 20:22:29Z	192.65.184.3	192.65.184.3	0	IGP	513 559 20965 11537 7660 9270 3608 23713 3557	-	CIXP
A	192.5.5.0/24	2004-03-18 20:22:55Z	192.65.184.3	192.65.184.3	0	IGP	513 3320 2828 3557 3557 3557	-	CIXP

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Summary

- No Finger Pointing
 - K-root had similar problem
- Main Point of Exercise
 - We have the data and the tools
 - Power in combining 'Information Services'
 - Missing tools for monitoring K?
 - Tell Us
- URL: <http://dnsmon.ripe.net>

Questions, Discussion

