No reverse without assignments

AFPUB-2012-DNS-001-DRAFT-01

aka The "nuclear option"

Public Network Information Databases

- Are supposed to have information about networks visible to the public (other network operators usually)

- Our community doesn't register assignments as often as they should **

- Other RIR communities are also guilty

- Solution so far: NO further allocations until assignments correctly registered

We are the 1%

WHOIS –M on our hosts QCELL Allocation shows 100% assigned!

```
% This is the AfriNIC Whois server.

inetnum:      41.223.212.0 - 41.223.212.255
netname:      QNET-212-1
descr:        Wimax 16D PPPoE Static pool
country:      GM
admin-c:      IJ116-AFRINIC
tech-c:       AS10-AFRINIC
status:       ASSIGNED PA

% Information related to '41.223.213.0 - 41.223.213.255'

inetnum:      41.223.213.0 - 41.223.213.255
netname:      QNET-213-1
descr:        SGSN Network + 3G Client Pool
country:      GM
admin-c:      IJ116-AFRINIC
tech-c:       AS10-AFRINIC
status:       ASSIGNED PA

% Information related to '41.223.214.0 - 41.223.215.255'

inetnum:      41.223.214.0 - 41.223.215.255
netname:      QNET-214-1
descr:        3G Client Pool
country:      GM
admin-c:      IJ116-AFRINIC
tech-c:       AS10-AFRINIC
status:       ASSIGNED PA
```

I believe this is the exception, not the norm

The other 99%

Waiting

- Problem with waiting until additional allocation is needed is that we may a long time (or forever)

- Waiting for you to give me other "sticks" or "carrots" to use to solve this challenge?

- Waiting for data…let's do evidence based decision making….. I would be happy to withdraw this proposal if not needed

What is reverse DNS

- IP to hostname mapping
- Forward DNS is mapping names to numbers (google.com resolves to 209.85.143.100)
- Reverse is mapping address blocks to nameservers….

;; ANSWER SECTION:

100.143.85.209.in-addr.arpa. 86400 IN   PTR   dy-in-f100.1e100.net.

- It's important for email admin, ftp, and a variety of services
- So not granting reverse DNS is a big deal!!

Questions/Comments