

rev-srv: considered useless

Phase-Out Plan for the rev-srv: attribute

Peter Koch
DENIC eG
pk@denic.de

RIPE DNS Working Group
Tallinn
2007-05-10

Old Sins

```
inetnum:      192.48.224.0 - 192.48.224.255
netname:      NETCS-NET
descr:        ISOCOR GmbH, Berlin
country:      DE
admin-c:      SK120
tech-c:       SK120
rev-srv:      door.netcs.com
rev-srv:      kiste.netcs.com
rev-srv:      ns.nic.de
status:       ASSIGNED PI
mnt-by:       DE-COLT-MNT
changed:      piet@cw.nl 19910205
changed:      rv@Informatik.Uni-Dortmund.DE 19940605
```

Redundancy ...

```
domain:          224.48.192.in-addr.arpa
descr:          netCS Informationstechnik GmbH
descr:          Feuerbachstrasse 47/49
descr:          D-1000 Berlin 41
admin-c:        CS3247-RIPE
tech-c:         CS3247-RIPE
zone-c:         CS3247-RIPE
nserver:        DOOR.NETCS.COM
nserver:        NS.NIC.DE
nserver:        BUNT.NETCS.COM
mnt-by:         DE-COLT-MNT
mnt-lower:      DE-COLT-MNT
changed:        er-transfer@ripe.net 20050218
```

Observations

- (examples picked randomly – want to remain friends :-)
- (some) inetnum objects carry `rev-srv:` attributes
- domain objects really control content of reverse zones
- `rev-srv:` and `nserver:` may be inconsistent
- `rev-srv:` content has no consequences
- ...except confusion

More Observations

- `rev-srv`: does appear in old inetnums
- ...but more frequently in objects modified the last two years
- so, it's *not just* legacy
- roughly 90.000 objects with `rev-srv`:
- top five maintainers account for majority of affected objects
- (Katie) asked some maintainers: *oh, that was hard coded*

Action Plan

1. raise awareness
 - spread news (almost done)
 - inform maintainers, ask to remove
 - set dates for migration
2. deprecate `rev-srv`:
 - refuse updates or creation of `inetnum/inet6num` with `rev-srv`:
3. remove `rev-srv`:
 - remove remaining `rev-srv`: attributes in `inetnum/inet6num` objects

