

Action 67.1 Ad-hoc Group Report
RIPE NCC DNS Secondary Service

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RIPE NCC Activity Plan 2014

From <http://www.ripe.net/ripe/docs/ripe-598>

The RIPE NCC provides DNS coordination and support activities as well as reverse DNS services for the IPv4 and IPv6 address space that it manages. For reverse DNS associated with the address space managed by other RIRs, the RIPE NCC provides secondary DNS to support the reliability of reverse lookups. The scalability of the DNS infrastructure for secondary, reverse and primary DNS services is improved based on the requirements specific to each of these services.

RIPE NCC Activity Plan 2014 (cntd)

The RIPE NCC offers a secondary name service to the other RIRs, along with some country code Top-Level Domain (ccTLD) operators, who are [in the start-up phase of their operations](#). The RIPE NCC [no longer](#) provides this [service to well-established ccTLDs](#).

In 2014, the RIPE NCC will work on clarifying its policy for hosting secondary ccTLD name servers, as well as developing documentation on the procedures and requirements for receiving the service.

Benefits for RIPE NCC members / RIPE community:

Supports the [stability](#) of the global DNS by offering a [professional service](#) to the other RIRs and [developing ccTLD operators](#) that [require](#) it

DNS Secondary Service Guiding Principles

1. RIPE NCC should only provide secondary DNS for ISO3166 ccTLDs and IDN ccTLDs
2. RIPE NCC should exchange *letters* with ccTLD operators, to be renewed periodically
3. The agreement to provide secondary DNS will have a finite lifetime, to be reviewed along with the refresh letter

Guiding Principles (cntd)

4. Eligibility criteria to be used by the RIPE NCC:
 - size of zone (number of registrations)
 - number and diversity of other name servers
 - usage of commercial DNS/name service
5. Eligibility criteria will be applied no earlier than 2 years from \$NOW for ccTLD operators who currently receive secondary DNS service from the RIPE NCC
6. Additions and removals will be reported

?/!

ACK

Anand, Brett, Jaap, Janos, Jim, Marcos, Romeo