

Secondary DNS Service for ccTLD Operators

RIPE NCC

Document ID: ripe-NEW

Document type: Guidelines

Date: November 2015

The RIPE NCC offers a best-effort secondary name service to the other RIRs and some country code top-level domain (ccTLD) operators who are in the start-up phase of their operations. This document describes the criteria used to evaluate eligibility of ccTLD operators to obtain secondary name service from the RIPE NCC. Other types of DNS service by the RIPE NCC, for example ENUM, are not in the scope of this document.

There is no associated cost to the zone operators for receiving secondary services from the RIPE NCC. Appendix 1 lists the currently supported zones at the time of writing this document.

In 2014, the RIPE community provided the RIPE NCC with a [set of guidelines](#) regarding the requirements and policies for providing ccTLD services. These guidelines are recorded in this RIPE Document and direct the operational decisions of the RIPE NCC when adding or terminating secondary services to operators.

DNS Secondary Service Guiding Principles

1. The RIPE NCC should only provide secondary DNS for ISO3166 ccTLDs and IDN ccTLDs.
2. The 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.
4. Eligibility criteria to be used by the RIPE NCC:
 - Size of zone
If the number of delegations in the zone, or in any of its child zones, exceeds 10,000, the operator of the zone is considered to be no longer in the start-up phase of their operations.
 - Number and diversity of other name servers
If there is sufficient diversity and there are more than three other secondary name servers for the zone already, there is no need for the RIPE NCC's secondary service for this zone.
 - Usage of commercial DNS/name service
If the zone operator has reached a state of operations in which they are using secondary name services from a commercial

service provider, there is no need for the RIPE NCC's secondary service for this zone.

5. For ccTLD operators who already receive secondary DNS services from the RIPE NCC, the eligibility criteria will be evaluated no earlier than May 2016. A grace period of at least one year will be applied for a transition to another provider, should the criteria no longer be met.
6. Additions and removals will be reported to the DNS working group.

[1] <https://ripe68.ripe.net/presentations/298-Koch-Action-67-1.pdf>

Appendix 1 – List of ccTLDs for which RIPE NCC provides secondary services (dated 20 October 2015)

ad	xn--mgba3a4f16a	py
ae	is	qa
al	jm	xn--wgb16a
am	jo	rs
xn--y9a3aq	xn--mgbayh7gpa	sa
ar	kg	sd
ba	kz	sm
bg	xn--80ao21a	sn
bi	lk	sv
bj	lv	sy
bt	ly	xn--ogbpf8fl
ci	ma	sz
cm	mc	th
cr	md	tj
cu	mg	to
cw	mm	tr
dz	mt	tt
er	mu	ua
et	mw	ug
gd	nc	uy
gp	ne	va
gs	np	vg
gu	ph	vn
gy	ps	zw
ir		