

AUTHOR DATA:

Name: Flavio Marcelo Amaral

Email: flavio.amaral@ymail.com

Organization: ----

PROPOSAL DATA:

Policy Proposal Title: Including RPKI repositories data in the Whois database when available

Policy Proposal Type: LACNIC

Id: LAC-2011-08

Version: 3

PROPOSAL SUMMARY:

Including status information (none, hosted or delegated), ROA (Route Origin Authorization) URL, and RPKI repository URL (delegated mode only) in the WHOIS information of all prefixes received from LACNIC, when this data is available.

RATIONALE:

This proposal seeks to help identify and validate prefix origin.

PROPOSAL TEXT:

2.3.2.20 Including status information (none, hosted or delegated), URL of the ROAs (Route Origin Authorizations, present only when the status is "hosted"), and URL of the RPKI repositories (present only in delegated mode) in the Whois data.

With the purpose of authenticating the prefixes used in our region, we suggest the mandatory inclusion of this information in the WHOIS data of all prefixes received from LACNIC.

Initially, only the information available in the LACNIC repository will be queried. However, as new repositories are created containing information on address blocks assigned by LACNIC, the rpk-repository field must also point towards them.

This would make it easier for tools to verify prefix properties.