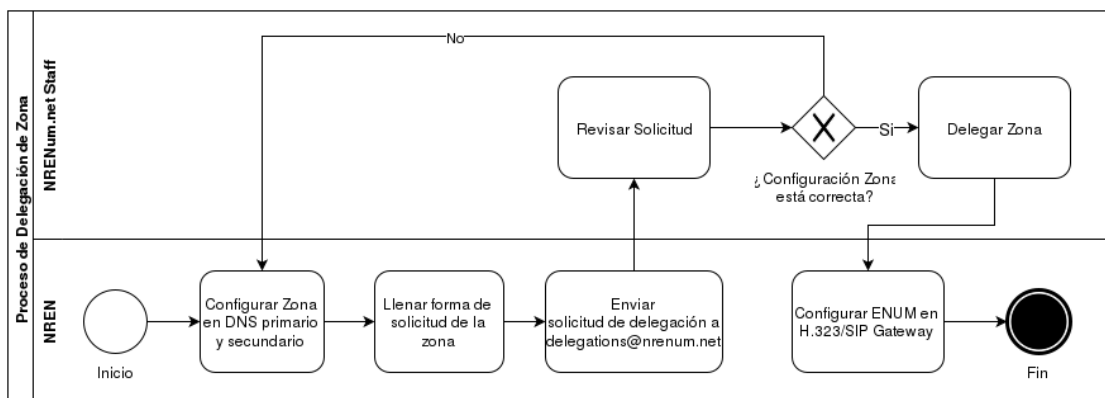Delegation process of NRENum.net Zone



**Figure 1. Delegation process of NRENum.net Zone**

Step 1. Setup the zone in primary and secondary DNS

The ENUM zone is selected by using the international dialing code for the country defined by the ITU for the E.164 [1] standard.

The zone should be of the form XXnrenum.net, where XX is the country code, and is the reverse of the digits separated by periods.

Example:
International Code of Colombia: +57
ENUM Zone: 7.5.nrenum.net

Follow the manuals of installation of DNS server and configuration of the ENUM zone.

Requirements of the ENUM Zone:
1. Two (2) separate DNS servers (in different network segments) to resolve the zone to be delegated.
2. An administrator email of the valid zone.
3. A record of type A
4. A record of a valid type MX
5. A type NS record for each server resolving the zone
6. Inverse Resolution of IP of the DNS server
7. IPv6 (optional)

Step 2. Send the form to delegations@nrenum.net

Fill the delegation request form (electronically is acceptable) of the NRENum.net zone, which is available at https://nrenum.net/documents/NRENum-Policy-v062-Delegation-Request.pdf

Then send the request to delegations@nrenum.net


Step 3. Setup ENUM in H.323 / SIP Gateway

* NOTE: Use the technical manuals for such purposes.


References

[1] List of ITU-T Recommendation E.164 Assigned Country Codes, Mayo 2015, available at: https://www.itu.int/itudoc/itu-t/ob-lists/icc/e164_763.pdf