

Memorandum of Agreement between USC/ISI's B-Root team and LACNIC

SCOPE OF THE MOA

In recognition that USC/ISI's B-Root Team (B-Root team) and the Latin America and Caribbean Internet Address Registry (LACNIC) have a common interest in improving Domain Name System (DNS) root-server performance in Latin and South America, they mutually propose to let B-Root renumber their IP address to IPv4 and IPv6 address allocations from the LACNIC RIR and that B-Root team, in cooperation with LACNIC, deploy additional B-Root server instances in Latin and South America. Expected resource commitments for each party is listed in Appendix B.

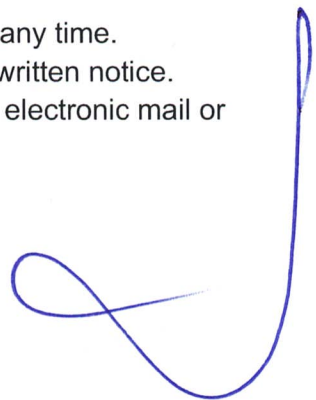
STATUS OF THE MOA

The parties hereby acknowledge and agree that this MOA is non-binding and does not create any obligations under law.

MOA DURATION AND AMENDMENTS

The MOA shall enter into force when signed by both parties and shall run until the end of the calendar year. After this date, the MOA shall be automatically extended by one year at a time, unless one of the parties gives notice to the other party at least six months before the scheduled termination date, of its intention not to extend the MOA. Such notice must be given by means of a written notice sent to the other party.

The MOA may be amended by agreement of both parties in writing at any time.
The MOA may be terminated by either party at any time with 30 days written notice.
Communication about this MOA shall be in writing, delivered either by electronic mail or physical mail to the addresses given in Appendix A.



- Secures/Restricted access physical space for equipment.
- Power and cooling for the equipment.
- Network connectivity:
 - Devices must support two 10Gb/s ports per site from the equipment to upstream routers or route servers.
 - Peering with a BGP router and/or a BGP route server, and route propagation.
 - Public IPv4 and IPv6 address for each machine space sufficient for 2 addresses.
- Setup and installation of hardware.
- Occasional “remote hands” support, during business hours.
- Occasional physical access to the hardware for B-Root personnel as required.

LACNIC will not:

- Access the equipment once installation is complete, except as directed by B-Root operations staff.
- Change security, power, cooling, or network connectivity arrangements without notification to B-Root operations staff.

B-Root Team

The B-Root Team will provide:

- Remote management, monitoring and maintenance of installed B-Root instances deployed under the conditions of this MOU.

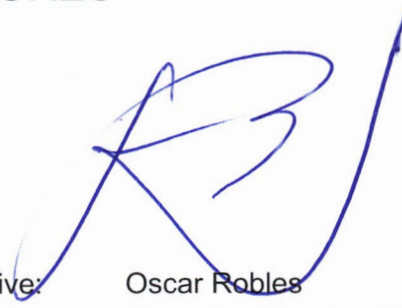
Note that B-Root may take servers on-line and off-line at times for maintenance. Such maintenance should not affect overall performance.

USC/ISI will list the cities hosting B-Root instances on their public website and on the root-servers.org website. Unless LACNIC objects, we will state the name of the hosting organization(s) as well.

SIGNATURES

LACNIC

Signature:



Representative: Oscar Robles
Title: Executive Director, LACNIC
Date:

University of Southern California / Information Sciences Institute

Signature:



Representative: Terry Benzel
Title: Director, Networking and Cybersecurity, USC/ISI
Date: 12/21/2022

Appendix A: Contact Information

B-Root Team Contacts

Primary Technical PoC:

Name: Wes Hardaker
E-mail: hardaker@isi.edu
Office telephone: +1 (530) 404-0099
Emergency telephone: same

Backup Technical PoC:

Name: Robert Story
E-mail: rstory@isi.edu
Office telephone: +1 (770) 617-3722
Emergency telephone:

Administrative PoC:

Name: Joe Kemp
E-mail: kemp@isi.edu
Office telephone: +1 (310) 448-9171

LACNIC Team Contacts

Primary Technical PoC:

Name: CARLOS MARTINEZ
E-mail: carlos@lacnic.net
Office telephone: +598 2604 2222
Emergency telephone: +598 95 291384

Backup Technical PoC:

Name: GUILLERMO GUILLEO
E-mail: guillermo@lacnic.net
Office telephone:
Emergency telephone:

Administrative PoC:

Name: ALFREDO VERDERASA
E-mail: alfredo@lacnic.net
Office telephone: +598 2604 2222

Appendix B: Resource Commitments

LACNIC

LACNIC or its affiliates will provide:

- 1 /23 and 1 /24 IPv4 allocation from the LACNIC RIR space.
 - 1 /44 or larger IPv6 allocation from the LACNIC RIR space.
 - Computing servers and networking equipment to be used in providing B-Root DNS service.
- 