

All questions and completed forms should be sent to controller@icann.org. Please remember that the deadline for FY17 Budget consideration is **15 February 2016.**

REQUEST INFORMATION				
Title of Proposed Activity				
Capacity Building workshop on DNSSEC, IPv6 technical community for the academic network reaccium.				
Community Requestor Name	Chair			
LACRALO	Humberto Carrasco			
ICANN Staff Community Liaison	Submitted by			
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REQUEST DESCRIPTION

1. Activity: Please describe your proposed activity in detail

The proposal is to hold the first Capacity Building workshop on DNSSEC, IPv6 technical community for the academic network reaccium.

Location

Barquisimeto – Venezuela. It is a university city where top 5 universities in Venezuela where careers are studied telecommunications and information technology focus. where the predominant language is Spanish

That defines it as the best place for members of the university network face to face are to receive training in the areas of DNSSEC and IPv6.

Agenda

- 3 days of training in the area of DNSSEC (ICANN sent a specialist).
- 2 days of training in the area of IPv6 (a member of the ISOC Chapter Venezuela will be the instructor).

The objective of the Capacity Building workshop:

Promote academic network in the greater openness about the need to improve the stability and security of the academic network using DNSSEC and IPv6; highlighting the importance of security mechanisms they can be implemented on IPv6.

since the academic network currently only 3 universities are generating traffic based on IPv6 as chapter we want to increase the number of universities that can drive traffic to IPV6.

This forms our strategy as ALS is to support the academic network providing information on these important issues for both our members and the rest of the art community of the academic network.

THE GOALS OF THE PROJECT

- Provide training in the area of security (DNSSEC, IPv6) as a mechanism to ensure greater stability and security of the entire academic network for the consolidation of security mechanisms adapted to the needs of future growth.
- Connect to network with academic experts ICANN to have the opportunity to meet experts in the area of implementing DNSSEC (ICANN) and exchange relevant information



We note that the proposed time and location will maximize the value of such a meeting while minimizing its cost:

- The location is well served by airfare to major cities around the country.
- A volunteer Organization Committee within LACRALO, in collaboration with staff, will work to identify the topics for the General Assembly sessions and help organize them.

2. Type of Activity: e.g. Outreach - Education/training - Travel support - Research/Study - Meetings - Other

Education/training

3. Proposed Timeline/Schedule: e.g. one time activity, recurring activity

The request is to have the Capacity Building workshop Between Monday, October 10, 2016 and Friday, 14 October 2016.

Participants would arrive on Sunday, 9 October and depart on Saturday, 15 October.

Day 1 (Monday, Oct 10)- Introduction to ICANN and technical community.

Day 2 (Tuesday, Oct 11)- first part of implementation of DNSSEC.

Day 3 (Wednesday, Oct 12) - second part of implementation of DNSSEC.

REQUEST OBJECTIVES

1. Strategic Alignment. Which area of ICANN's Strategic Plan does this request support?

This activity is placed within the first ICANN Strategic Objective: Evolve and further globalize ICANN.

3.3 Develop a globally diverse culture of knowledge and expertise available to ICANN's Board, staff and stakeholders.

This meeting directly addresses components of the current ICANN Strategic Plan in its intent to:

- Progress in the globalization of ICANN (through activities in Barquisimeto Venezuela).
- Better empower the Latin American and Caribbean community to build trust and a strengthened relationship among all members.
- Enhance the identifier ecosystem through the cooperation of LACRALO and other RALO's.
- Adoption of security technology best practices among the member countries of ALS.

2. Demographics. What audience(s), in which geographies, does your request target?

The project will provide training specifically focused on the technical academic network of leading universities in Venezuela.

25 public universities that have presence and significant activity in the academic network called reaccium whose technical staff totals about 250 specialists; who want to deploy DNSSEC, IPv6 and RPKI in each university networks to enhance security and stability entire academic network.

Expected number of participants to the training event: 30 technicians.

About of National Academic Network (Reacciun):



Collaborative network of knowledge, innovation, research and education, made up of higher education institutions, research centers, public and private institutions, as well as Venezuelan social organizations.

The actors that live in Reacciun have advanced networks (Links Glossary VoIP, IPv6, Glossary Link videoconferencing, access to computing resources and shared storage) for the implementation and research in various areas of human knowledge (education, health, arts, weather, weather, information technology, etc.).

This network has a telecommunications infrastructure MetroEthernet, Frame Relay and ATM bandwidths up to 100 Mbps 10 links for access to advanced networks; and from 512Kbps to 100Mbps for access to global Internet Link Glossary. Internationally, the National Academic Network interfaces with other similar instances by the Latin American Cooperation of Advanced Networks (RedCLARA), GÉANT2, Asia Pacific Advanced Network (APAN), Latin America University Research and Education Networks (Lauren)] and Internet2.

3. Deliverables. What are the desired outcomes of your proposed activity?

There are several expected deliverables of the proposed

- From the plenary session: Improved recognition of the Relevant technical leaders in the region on security issues in a value-added environment; identification of common interests, challenges.
- From the technical workshops: Capacity Building Implementation in the area of DNSSEC and other documentation to improve operational procedures clearly.
- Increase the participation of the technical sector Venezuelan universities in the art community ICANN to promote research, development and exchange of best practices implementation of new safety systems.
- Promoting the integration of the academic sector to the incorporation as a new ALS LACRALO to join.

4. Metrics. What measurements will you use to determine whether your activity achieves its desired outcomes?

- Increased contribution to development LACRALO technical documentation security.
- Increased Improvements in discussions with participants in advance and after conclusion.
- Number of new community members in the activities of technical LACRALO.
- Increased collaboration and exchange of experiences on DNSSEC deployment in the region in order to collect and share best practices implementation

RESOURCE PLANNING — II ENTAL TO ACCOMMODATE THIS REQUEST

Staff Support Needed (not including subject matter expertise):

Description	Timeline	Assumptions	Costs basis or parameters	Addition al Comme nts
Meeting logistics (room booking).	July through September 2016	Prepare the space allocated to the university and prepare the computer lab with the necessary software for practice.	Normal volunteer staff Responsibilities	



Opening the application process and selection of participants worshop	July through September 2016	Creation of organization committee for the workshop	Volunteer and normal staff responsibilities
Fundraising	June- September 2016	Showcase Sponsors	Volunteer
Travel arrangements	August- September 2016	ICANN Constituency Travel will be required to help with this coordination	Normal staff responsibilities
pre-event with the selected participants (teleconferences)	first week of October 2016	Survey Monkey	Volunteer and normal staff responsibilities
ICANN facilitator	10-12 October		Volunteer and normal staff responsibilities
post-event track results	17-31 October	Survey Monkey	Volunteer and normal staff responsibilities

Subject Matter Expert Support:

a technical workshop with a facilitator with recognized expertise in implementing DNS SEC for the duration of the workshop.

Technology Support: (telephone, Adobe Connect, web streaming, etc.)

Video streaming isrequired for those not able to participate face-to-face. Adobe Connect should be made available forthe duration of the technical workshop. The meetings should be recorded, close-captioned if possible and available for public access after the event.

Language Services Support:

None

Other:

Travel Support:

One representative from the technical ICANN community who has experience in DNSSEC for travel to Barquisimeto - Venezuela, treats including travel, accommodation and a stipend. Travel support for the external facilitator.

Potential/planned Sponsorship Contribution:

Institutional sponsor:

Central Western University "Lisandro Alvarado" – (http://www.ucla.edu.ve) who works as academic sponsor and provide the site, computers and connectivity required to host the event.