

Solicitation of Statement of Interest for Membership in the Root Zone Key Signing Key Rollover Plan Design Team

Introduction

ICANN, as the IANA functions operator, in cooperation with Verisign as the Root Zone Maintainer and the National Telecommunications Information Administration (NTIA) as the Root Zone Administrator, together known as the Root Zone Management (RZM) partners, seek to develop a plan for rolling the root zone key-signing key (KSK). The KSK is used to sign the root zone zone-signing key (ZSK), which in turn is used to DNSSEC-sign the Internet's root zone. The Root Zone Partners are soliciting five to seven volunteers from the community to participate in a Design Team to develop the Root Zone KSK Rollover Plan ("The Plan"). These volunteers along with the RZM partners will form the Design Team to develop The Plan.

Requirements

As the development of The Plan will require individuals with experience in varying areas of the theory and operation of the DNS protocols, DNSSEC, DNSSEC-related key management using hardware security modules (HSMs), external auditing requirements and secure facilities management, the RZM partners are soliciting individuals from the DNS technical community who have experience in one or more of these areas.

Volunteers will be expected to work with the Design Team over a twelve-week period, for approximately 5 hours a week (variable), to develop a proposal for a draft plan that will be submitted to the Community for a 42-day public comment period. Upon completion of that public comment, the Design Team will review community input over a four-week period and then be expected to incorporate that input over another four-week period.

At least one face-to-face meeting of the Design Team is anticipated, with most interactions being done over the Internet via conference calls, video conferencing, or other virtual presence mechanisms.

Interested volunteers¹ will be asked to fill out and submit a Statement of Interest, provided in Appendix A.

Process

Individuals interested in volunteering for the Design Team should submit their Statement of Interest, on or before the end of **Friday, January 16, 2015**, to:

ksk-rollover-soi@icann.org

The criteria for selection will include:

1. Persons with experience operating production DNS environments that have deployed DNSSEC and rolled keys used to sign zones;
2. Persons with an understanding of the domain name system and the potential impact of DNSSEC operations on the global Internet community;
3. Persons with experience in developing, documenting and deploying processes and practices subject to independent external audit;
4. Persons who have experience working within design teams in the development of protocols, services, or products;
5. Persons who can help the RZM partners represent the broadest cultural and geographic diversity consistent with meeting the other criteria set forth in this Section;
6. Persons who are willing to serve as volunteers without compensation (reimbursement of travel expenses may be covered for qualified individuals); and
7. Persons who are able to work and communicate in written and spoken English. (Although Candidates should be able to both work and communicate well in English, there is no requirement that English be the candidate's first language.)

Applicants to the Design Team would be representing themselves, not any organization or interest with which they may be associated. The RZM partners anticipate taking one week to select from the submitted Statements of Interest sent in response to this solicitation.

¹ For volunteers for which travel expenses will be an issue, ICANN will use its Community Travel Support Guidelines (<https://www.icann.org/en/system/files/files/travel-support-guidelines-fy14-02aug13-en.pdf>) to reimburse reasonable travel costs.

Appendix A

Root Zone KSK Rollover Design Team Membership Statement of Interest

Please complete this form and return in Rich Text Format (RTF), Microsoft Word document (.doc) or plain text (ASCII). URLs may be helpful, but understand that we may not be able to view linked material.

SECTION A. Identifying and Contact Information

(A.1) Your name: given name(s) and FAMILY NAME (in capital letters).

(A.2) Male/Female?

(A.3) Your e-mail address(s).

(A.4) Your telephone number(s).

(A.5) Your country of citizenship.

(A.6) Your country of residence.

SECTION B. Education and Professional Background

(B.1) Provide details of your current job, title, employer or affiliation.

(B.2) Describe your educational background and past professional positions.

(B.3) If you have a personal web page, you may wish to provide a link to it here:

SECTION C. Experience

Provide a short description of your experience with one or more of:

- DNSSEC;
- Implementation of the DNS protocols;
- Operation of DNS servers and the provision of DNS services;
- External independent audit and trust services principle and criteria;
- Secure facilities management and/or HSMs (particularly AEP Keyper); or
- Rolling a DNSSEC KSK for a production zone of non-trivial size.

Section D. Support

(D.1) Do you have the support from your organization to volunteer your time for this activity?

YES, My organization supports my volunteering to be on the Design Team

NO, My organization does not support my volunteering for this activity

Not Applicable

(D.2) Do you anticipate the need for partial or full reimbursement of travel expenses?

- Full reimbursement will be required.
- Partial reimbursement will be required.
- No reimbursement will be required.

SECTION E. Consent and Authorization

(E.1) You authorize ICANN to investigate information publicly available about you, and to conduct additional third-party reference checks. You will not be entitled to review or access any of the information received, obtained, generated, or considered by ICANN regarding any Candidate Design Team member, or any of the RZM partners' discussions or deliberations regarding any Candidate Design Team member. Candidate Design Team members have no right to challenge or seek review of the RZM partners' selections.

When the RZM partners have completed their selections, they will publish the identities of the Selected Design Team members and all Candidates (whether or not selected). Statistical information, such as the size and nature of the candidate pool, may be published at the close of the process.

Please indicate that you understand this statement (E.1) and agree to become a candidate under the conditions described above. Please indicate Yes or No:

- YES, I understand this statement and agree to these conditions
- NO, I do not agree to these conditions

(E.2) Interim vacancies

If you are NOT selected for the Design Team, would you permit the RZM partners to retain your name and other related information for possible consideration in the event that a vacancy occurs? Please indicate Yes or No:

- YES
- NO

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The RZM partners value your interest in being a Design Team member. We expect and rely upon your integrity in presenting your qualifications and experience. We appreciate your significant effort in completing this application.