

At-Large Design Team Review of Plan for DNS Root Zone KSK Change Workspace

Comment Close Date	Statement Name	Status	Assignee (s)	Call for Comments Open	Call for Comments Close	Vote Open	Vote Close	Date of Submission	Staff Contact and Email	Statement Number
2015/09/15	Design Team Review of Plan for DNS Root Zone KSK Change	No Statement	n/a	n/a	n/a	n/a	n/a	n/a	Edward Lewis edward.lewis@icann.org	n/a

For information about this Public Comment, please click [here](#) >>

- [Comments Forum](#)

Brief Overview

Purpose: This public comment proceeding seeks to review the Design Team's findings to date related to issues and plans for changing the cryptographic key used to originate the DNSSEC chain of trust.

Current Status: The Design Team has generated a preliminary report and will accept wider review.

Next Steps: After the public comment proceeding, the Design Team will finalize its report and plan for changing the cryptographic key.

Section I: Description, Explanation, and Purpose

A design team consisting of seven independent DNS experts has produced a report examining previously proposed schemes for changing the DNSSEC root zone KSK, along with considerations related to Internet realities, in preparation for finalizing plans to change the current Root Zone KSK.

Section II: Background

In 2010, the Root Zone Management Partners (ICANN, Verisign, and NTIA) introduced the DNSSEC Extensions to the operational root zone. After five years of operation, there is a requirement to change the top most cryptographic key in the hierarchy, the key called the Root Zone Key Signing Key. The challenge is to ensure that all copies of the publicly distributed key are updated to prevent disruption to DNSSEC protection of the DNS.

Section III: Relevant Resources

- [The DNSSEC Practices Statement](#)
- [The Design Team's Draft Report](#) [PDF, 518 KB]

Section IV: Additional Information

Section V: Reports

Staff Contact

Edward Lewis
edward.lewis@icann.org

FINAL VERSION TO BE SUBMITTED IF RATIFIED

The final version to be submitted, if the draft is ratified, will be placed here by upon completion of the vote.

FINAL DRAFT VERSION TO BE VOTED UPON BY THE ALAC

The final draft version to be voted upon by the ALAC will be placed here before the vote is to begin.

FIRST DRAFT SUBMITTED

The first draft submitted will be placed here before the call for comments begins.