RFC5011 - Automated Updates of DNS Security (DNSSEC) Trust Anchors

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Table 1: Data sheet for RFC5011 Automated Updates of DNS Security (DNSSEC) Trust Anchors (AAAA)

Title	Automated Updates of DNS Security Trust Anchors
Acronym	DNSSEC
Version	2007
Document Number	RFC5011
Release Date	September 2007
Reference	https://tools.ietf.org/html/rfc5011

Note: The following is an excerpt from the official IETF RFC. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

Abstract

This document describes a means for automated, authenticated, and authorized updating of DNSSEC "trust anchors". The method provides protection against N-1 key compromises of N keys in the trust point key set. Based on the trust established by the presence of a current anchor, other anchors may be added at the same place in the hierarchy, and, ultimately, supplant the existing anchor(s).

This mechanism will require changes to resolver management behavior (but not resolver resolution behavior), and the addition of a single flag bit to the DNSKEY record.