

RFC6891 - Extension Mechanisms for DNS (EDNS(0))

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Table 1: Data sheet for RFC6891 Extension Mechanisms for DNS (EDNS(0)) (AAAA)

Title	Extension Mechanisms for DNS
Acronym	EDNS(0)
Version	2013
Document Number	RFC6891
Release Date	April 2013
Reference	https://tools.ietf.org/html/rfc6891

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.

Introduction

The Domain Name System's wire protocol includes a number of fixed fields whose range has been or soon will be exhausted and does not allow requestors to advertise their capabilities to responders. This document describes backward-compatible mechanisms for allowing the protocol to grow. This document updates the Extension Mechanisms for DNS (EDNS(0)) specification (and obsoletes RFC 2671) based on feedback from deployment experience in several implementations. It also obsoletes RFC 2673 ("Binary Labels in the Domain Name System") and adds considerations on the use of extended labels in the DNS.

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