

# RFC3596 - DNS Extension to support IP Version 6

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Table 1: Data sheet for RFC3596 DNS Extension to support IP Version 6

|                 |                                                                                       |
|-----------------|---------------------------------------------------------------------------------------|
| Title           | DNS Extension to support IP Version 6                                                 |
| Acronym         |                                                                                       |
| Version         | 2003                                                                                  |
| Document Number | RFC3596                                                                               |
| Release Date    | October 2003                                                                          |
| Reference       | <a href="https://tools.ietf.org/html/rfc3596">https://tools.ietf.org/html/rfc3596</a> |

**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

*This document defines the changes that need to be made to the Domain Name System (DNS) to support hosts running IP version 6 (IPv6). The changes include a resource record type to store an IPv6 address, a domain to support lookups based on an IPv6 address, and updated definitions of existing query types that return Internet addresses as part of additional section processing. The extensions are designed to be compatible with existing applications and, in particular, DNS implementations themselves.*

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