DNS RFCs

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Edition: 2018-11-24
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- RFC 227 / Standardization of host mnemonics
- RFC 247 / Proffered set of standard host names
- RFC 229 / Standard host names
- RFC 236 / Standard host names
- RFC 239 / Host mnemonics proposed in RFC 226
- RFC 237 / NIC view of standard host names
- RFC 273 / More on standard host names
- RFC 280 / A Draft of Host Names
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- RFC 384 / Official site idents for organizations in the ARPA Network
- RFC 597 / Host status
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- RFC 606 / Host names on-line
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- RFC 625 / On-line hostnames service
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- RFC 805 / Computer Mail Meeting Notes
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- RFC 830 / A Distributed System for Internet Name Service
- RFC 881 / Domain Name System Implementation ScheduleThe Domain Names Plan and Schedule
- RFC 882 / DOMAIN NAMES - CONCEPTS and FACILITIES
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- RFC 897 / Domain Name System Implementation Schedule
- RFC 920 / Domain Requirements
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- RFC 952 / DoD INTERNET HOST TABLE SPECIFICATION
- RFC 953 / HOSTNAME SERVER
- RFC 973 / Domain System Changes and Observations SPECIFICATION
- RFC 974 / Historic MAIL ROUTING AND THE DOMAIN SYSTEM
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- RFC 1035 / STD 13 / DOMAIN NAMES - IMPLEMENTATION AND SPECIFICATION

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- RFC 1033 / DOMAIN ADMINISTRATORS OPERATIONS GUIDE
- RFC 1037 / Informational Common DNS Data File Configuration Errors
- RFC 1383 / Experimental An Experiment in DNS Based IP Routing
- RFC 1400 / Informational Correspondence between the 1988 and 2004 on the use of DNS Internet Architecture Board
- RFC 1178 / Informational Choosing a Name for Your Computer
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- RFC 1713 / Informational Tools for DNS debugging
- RFC 1794 / Informational DNS Support for Load Balancing
- RFC 1912 / Informational Common DNS Operational and Configuration Errors
- RFC 2010 / Informational Operational Criteria for Root Name Servers
- RFC 2182 / BCP 16 Selection and Operation of Secondary DNS Servers
- RFC 2219 / BCP 17 Use of DNS Aliases for Network Services
- RFC 2317 / BCP 20 Classless IN-ADDR.ARPA delegation
- RFC 2345 / Experimental Domain Names and Company Name Retrieval
- RFC 2826 / Informational IAB Technical Comment on the Unique DNS Root
- RFC 2870 / BCP 40 Root Name Server Operational Requirements
- RFC 3071 / Informational Reflections on the DNS, RFC 1591, and Categories of Domains
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- RFC 4339 / Informational IPv6 Host Configuration of DNS Server Information Approaches
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- RFC 7706 / Informational Decreasing Access Time to Root Servers by Running One on Loopback
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- RFC 7745 / Informational YAML Schemas for Reverse DNS Management
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- RFC 3492 / PS Punycode: A Bootstring encoding of Unicode for Internationalized Domain Names in Applications (IDNA)
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- RFC 4183 / Informational National and Local Characters for DNS Top Level Domain (TLD) Names
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- RFC 2252 / Informational A Convention For Using Legal Names as Domain Names
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- RFC 3152 / BCP 49 Delegation of IP6.ARPA
- RFC 3172 / BCP 52 Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain ("arpa")
- RFC 4159 / BCP 109 Deprecation of "ip6.int"
- RFC 5855 / BCP 155 Nameservers for IPv4 and IPv6 Reverse Zones
- RFC 6303 / BCP 163 Locally Served DNS Zones
- RFC 6761 / PS Special-Use Domain Names
- RFC 7793 / BCP 163 Adding 100.64.0.0/10 Prefixes to the IPv4 Locally-Served DNS Zones Registry
- RFC 7686 / PS The ".onion" Special-Use Domain Name
- RFC 8244 / Informational Special-Use Domain Names Problem Statement
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RR Type

- RFC 1348 / Experimental DNS NSAP RRs
- RFC 1637 / Experimental DNS NSAP Resource Records
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- RFC 1464 / Experimental Using the Domain Name System To Store Arbitrary String Attributes
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- RFC 2230 / Informational Key Exchange Delegation Record for the DNS
- RFC 2352 / Experimental A DNS RR for specifying the location of services (DNS SRV)
- RFC 2782 / PS A DNS RR for specifying the location of services (DNS SRV)
- RFC 4025 / PS A Method for Storing IPsec Keying Material in DNS
- RFC 4255 / PS Using DNS to Securely Publish Secure Shell (SSH) Key Fingerprints
- RFC 4701 / PS A DNS Resource Record (RR) for Encoding Dynamic Host Configuration Protocol (DHCP) Information (DHCID RR)
- RFC 5205 / Experimental Host Identity Protocol (HIP) Domain Name System (DNS) Extension
- RFC 5507 / Informational Design Choices When Expanding the DNS
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- RFC 6563 / Informational Moving A6 to Historic Status
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- RFC 1101 / Unknown DNS Encoding of Network Names and Other Types
- RFC 1183 / Experimental New DNS RR Definitions
- RFC 1664 / Experimental Using the Internet DNS to Distribute RFC1327 Mail Address Mapping Tables
- RFC 2672 / PS Non-Terminal DNS Name Redirection
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Basic DNS Specification

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- RFC 2308 / PS Negative Caching of DNS Queries (DNS NCACHE)
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- RFC 2930 / PS Secret Key Establishment for DNS (TKEY RR)
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- RFC 2929 / BCP 42 Domain Name System (DNS) IANA Considerations
- RFC 3425 / PS Obsoleting IQUERY
- RFC 3645 / PS Generic Security Service Algorithm for Secret Key Transaction Authentication for DNS (GSS-TSIG)
- RFC 4635 / PS HMAC SHA TSIG Algorithm Identifiers
- RFC 4343 / PS Domain Name System (DNS) Case Insensitivity Clarification
- RFC 4592 / PS The Role of Wildcards in the Domain Name System
- RFC 5358 / BCP 140 Preventing Use of Recursive Nameservers in Reflector Attacks
- RFC 5452 / PS Measures for Making DNS More Resilient against Forged Answers
- RFC 5001 / PS DNS Name Server Identifier (NSID) Option
- RFC 5936 / PS DNS Zone Transfer Protocol (AXFR)
- RFC 5966 / PS DNS Transport over TCP - Implementation Requirements
- RFC 6604 / PS xNAME RCODE and Status Bits Clarification
- RFC 7477 / PS Child-to-Parent Synchronization in DNS
- RFC 7766 / PS DNS Transport over TCP - Implementation Requirements
- RFC 7828 / PS The edns-tcp-keepalive EDNS0 Option
- RFC 7873 / PS Domain Name System (DNS) Cookies
- RFC 8490 / PS DNS Stateful Operations
- RFC 8452 / PS Providing Minimal-Sized Responses to DNS Queries That Have QTYPE=ANY
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- RFC 6147 / PS DNS64: DNS Extensions for Network Address Translation from IPv6 Clients to IPv4 Servers
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- RFC 8020 / PS NXDOMAIN: There Really Is Nothing Underneath
- RFC 2672 / Historic Binary Labels in the Domain Name System
- RFC 2874 / Historic DNS Extensions to Support IPv6 Address Aggregation and Renumbering
- RFC 7719 / Informational DNS Terminology
- RFC 8499 / BCP 219 DNS Terminology
- RFC 8427 / Informational Representing DNS Messages in JSON

DNSSEC

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- RFC 2535 / PS Domain Name System Security Extensions
- RFC 2536 / PS DSA KEYs and SIGs in the Domain Name System (DNS)
- RFC 2537 / PS RSA/MD5 KEYs and SIGs in the Domain Name System (DNS)
- RFC 2538 / PS Storing Certificates in the Domain Name System (DNS)
- RFC 2539 / PS Storage of Diffie-Hellman Keys in the Domain Name System (DNS)
- RFC 2540 / Experimental Detached Domain Name System (DNS) Information
- RFC 2931 / PS DNS Request and Transaction Signatures (SIG(0)s)
- RFC 3008 / PS Domain Name System Security (DNSSEC) Signing Authority
- RFC 3090 / PS DNS Security Extension Clarification on Zone Status
- RFC 3110 / PS RSA/SHA-1 SIGs and RSA KEYs in the Domain Name System (DNS)
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- RFC 3225 / PS Indicating Resolver Support of DNSSEC
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- RFC 3445 / PS Limiting the Scope of the KEY Resource Record (RR)
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- RFC 3755 / PS Legacy Resolver Compatibility for Delegation Signer (DS)
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- RFC 3845 / PS DNS Security (DNSSEC) NextSECure (NSEC) RDATA Format
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- RFC 4431 / Informational The DNSSEC Lookaside Validation (DLV) DNS Resource Record
- RFC 4470 / PS Minimally Covering NSEC Records and DNSSEC On-line Signing
- RFC 4509 / PS Use of SHA-256 in DNSSEC Delegation Signer (DS) Resource Records (RRs)
- RFC 4641 / Informational DNSSEC Operational Practices
- RFC 4955 / PS DNS Security (DNSSEC) Experiments
- RFC 5011 / STD 74 Automated Updates of DNS Security (DNSSEC) Trust Anchors
- RFC 5074 / Informational DNSSEC Lookaside Validation (DLV)
- RFC 5155 / PS DNS Security (DNSSEC) Hashed Authenticated Denial of Existence
- RFC 5910 / PS Domain Name System (DNS) Security Extensions Mapping for the Extensible Provisioning Protocol (EPP)
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- RFC 6840 / PS Clarifications and Implementation Notes for DNS Security (DNSSEC)
- RFC 6841 / Informational A Framework for DNSSEC Policies and DNSSEC Practice Statements
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- RFC 8027 / BCP 207 DNSSEC Roadblock Avoidance
- RFC 8624 / PS Algorithm Implementation Requirements and Usage Guidance for DNSSEC
- RFC 8080 / PS Edwards-Curve Digital Security Algorithm (EdDSA) for DNSSEC
- RFC 8078 / PS Managing DS Records from the Parent via CDS/CDNSKEY
- RFC 8145 / PS Signaling Trust Anchor Knowledge in DNS Security Extensions (DNSSEC)
- RFC 8198 / PS Aggressive Use of DNSSEC-Validated Cache
- RFC 8509 / PS A Root Key Trust Anchor Sentinel for DNSSEC
- RFC 7129 / Informational Authenticated Denial of Existence in the DNS
- RFC 7344 / Informational Automating DNSSEC Delegation Trust Maintenance
- RFC 7583 / Informational DNSSEC Key Rollover Timing Considerations
- RFC 7958 / Informational DNSSEC Trust Anchor Publication for the Root Zone
- RFC 7646 / Informational Definition and Use of DNSSEC Negative Trust Anchors
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DANE

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- RFC 7218 / PS Adding Acronyms to Simplify Conversations about DNS-Based Authentication of Named Entities (DANE)
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- RFC 7673 / PS Using DNS-Based Authentication of Named Entities (DANE) TLSA Records with SRV Records
- RFC 8162 / Experimental Using Secure DNS to Associate Certificates with Domain Names for S/MIME
- RFC 7929 / Experimental DNS-Based Authentication of Named Entities (DANE) Bindings for OpenPGP

DNS Privacy

- RFC 7626 / BCP 42 DNS Privacy Considerations
- RFC 8094 / Experimental DNS over Datagram Transport Layer Security (DTLS)
- RFC 7816 / Experimental DNS Query Name Minimisation to Improve Privacy
- RFC 7830 / PS The EDNS(0) Padding Option
- RFC 7858 / PS Specification for DNS over Transport Layer Security (TLS)
- RFC 8310 / PS Usage Profiles for DNS over TLS and DNS over DTLS
- RFC 8484 / PS DNS Queries over HTTPS (DoH)
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- RFC 4405 / Experimental SMTP Service Extension for Indicating the Responsible Submitter of an E-Mail Message
- RFC 4406 / Experimental Sender ID: Authenticating E-Mail
- RFC 4407 / Experimental Purported Responsible Address in E-Mail Messages
- RFC 5451 / Informational Message Header Field for Indicating Message Authentication Status
- RFC 5577 / Informational Authentication-Results Registration Update for Sender Policy Framework (SPF) Results
- RFC 6652 / PS Sender Policy Framework (SPF) Authentication Failure Reporting Using the Abuse Reporting Format
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- RFC 7001 / PS Message Header Field for Indicating Message Authentication Status
- RFC 7208 / PS Sender Policy Framework (SPF) for Authorizing Use of Domains in Email, Version 1

DNSBL

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DMARC

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- RFC 8616 / PS Email Authentication Internationalization Reporting, and Conformance (DMARC) and Indirect Email Flows

DDDS / ENUM

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- RFC 3402 / PS Dynamic Delegation Discovery System (DDDS) Part Two: The Algorithm
- RFC 3403 / PS Dynamic Delegation Discovery System (DDDS) Part Three: The Domain Name System (DNS) Database
- RFC 3404 / PS Dynamic Delegation Discovery System (DDDS) Part Four: The Uniform Resource Identifiers (URI) Resolution
- RFC 3405 / BCP 65 Dynamic Delegation Discovery System (DDDS) Part Five: URI.ARPA Assignment Procedures
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- RFC 3958 / PS Domain-Based Application Service Location Using SRV RRs and the Dynamic Delegation Discovery Service (DDDS)
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- RFC 2915 / PS The Naming Authority Pointer (NAPTR) DNS Resource Record
- RFC 5527 / Informational Combined User and Infrastructure ENUM in the e164.arpa Tree

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- RFC 7393 / Informational Using the Port Control Protocol (PCP) to Update Dynamic DNS
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- RFC 6762 / PS Multicast DNS
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- RFC 7558 / Informational Requirements for Scalable DNS-Based Service Discovery (DNS-SD) / Multicast DNS (mDNS) Extensions
- RFC 8222 / Informational Selecting Labels for Use with Conventional DNS and Other Resolution Systems in DNS-Based Service Discovery

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- RFC 4870 / Informational DomainKeys Identified Mail (DKIM) Author Domain Signing Practices (ADSP)
- RFC 4686 / Informational Analysis of Threats Motivating DomainKeys Identified Mail (DKIM)
- RFC 5016 / Informational Requirements for a DomainKeys Identified Mail (DKIM) Signing Practices Protocol
- RFC 5585 / Informational DomainKeys Identified Mail (DKIM) Service Overview
- RFC 5617 / Historic DomainKeys Identified Mail (DKIM) Author Domain Signing Practices (ADSP)
- RFC 5672 / Informational RFC 4871 DomainKeys Identified Mail (DKIM) Signatures -- Update
- RFC 5863 / Informational DomainKeys Identified Mail (DKIM) Development, Deployment, and Operations
- RFC 6376 / STD 76 DomainKeys Identified Mail (DKIM) Signatures
- RFC 6377 / BCP 167 DomainKeys Identified Mail (DKIM) and Mailing Lists
- RFC 6541 / Experimental DomainKeys Identified Mail (DKIM) Authorized Third-Party Signatures
- RFC 6651 / PS Extensions to DomainKeys Identified Mail (DKIM) for Failure Reporting
- RFC 8463 / PS A New Cryptographic Signature Method for DomainKeys Identified Mail (DKIM)

SNMP

- RFC 1611 / Historic DNS Server MIB Extensions
- RFC 1612 / Historic DNS Resolver MIB Extensions
- RFC 3197 / Informational Applicability Statement for DNS MIB Extensions

Update / Obsolete

Unknown
Standard
Draft Standard
Proposed Standard
Best Current Practice
Informational
Experimental
Historic
Obsolete

1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020