

# Record Resource Types

This list of DNS resource record types is an overview of resource records permissible in zone files of the Domain Name System (DNS).

Type	Type id. (decimal)	Defining RFC	Description	Function
A	1	<a href="#">RFC 1035</a>	Address record	
AAAA	28	<a href="#">RFC 3596</a>	IPv6 address record	
AFSDB	18	<a href="#">RFC 1183</a>	AFS database record	
APL	42	<a href="#">RFC 3123</a>	Address Prefix List	
CAA	257	<a href="#">RFC 6844</a>	Certification Authority Authorization	
CDNSKEY	60	<a href="#">RFC 7344</a>	Child DNSKEY	
CDS	59	<a href="#">RFC 7344</a>	Child DS	
CERT	37	<a href="#">RFC 4398</a>	Certificate record	
CNAME	5	<a href="#">RFC 1035</a>	Canonical name record	
DHCID	49	<a href="#">RFC 4701</a>	DHCP identifier	
DLV	32769	<a href="#">RFC 4431</a>	DNSSEC Lookaside Validation record	
DNAME	39	<a href="#">RFC 6672</a>	Alias for a name and all its subnames, unlike CNAME, which is an alias for only the exact name.	
DNSKEY	48	<a href="#">RFC 4034</a>	DNS Key record	
DS	43	<a href="#">RFC 4034</a>	Delegation signer	
IPSECKEY	45	<a href="#">RFC 4025</a>	IPsec Key	
KEY	25	<a href="#">RFC 2535</a> and <a href="#">RFC 2930</a>	Key record	
KX	36	<a href="#">RFC 2230</a>	Key Exchanger record	
LOC	29	<a href="#">RFC 1876</a>	Location record	
MX	15	<a href="#">RFC 1035</a> and <a href="#">RFC 7505</a>	Mail exchange record	
NAPTR	35	<a href="#">RFC 3403</a>	Naming Authority Pointer	
NS	2	<a href="#">RFC 1035</a>	Name server record	
NSEC	47	<a href="#">RFC 4034</a>	Next Secure record	
NSEC3	50	<a href="#">RFC 5155</a>	Next Secure record version 3	
NSEC3PARAM	51	<a href="#">RFC 5155</a>	NSEC3 parameters	
PTR	12	<a href="#">RFC 1035</a>	Pointer record	
RRSIG	46	<a href="#">RFC 4034</a>	DNSSEC signature	
RP	17	<a href="#">RFC 1183</a>	Responsible Person	
SIG	24	<a href="#">RFC 2535</a>	Signature	
SOA	6	<a href="#">RFC 1035</a> and <a href="#">RFC 2308</a>	Start of [a zone of] authority record	
SRV	33	<a href="#">RFC 2782</a>	Service locator	
SSHFP	44	<a href="#">RFC 4255</a>	SSH Public Key Fingerprint	
TA	32768	N/A	DNSSEC Trust Authorities	
TKEY	249	<a href="#">RFC 2930</a>	Transaction Key record	
TLSA	52	<a href="#">RFC 6698</a>	TLSA certificate association	

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TSIG	250	<a href="#">RFC 2845</a>	Transaction Signature	
TXT	16	<a href="#">RFC 1035</a>	Text record	
URI	256	<a href="#">RFC 7553</a>	Uniform Resource Identifier	

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