

Table: DNS Expressions

Expressions	Descriptions
DNS.REQ.HEADER.FLAGS.IS_SET <FLAG>	Returns True if any of the following flags are set in the DNS request. <ul style="list-style-type: none">• QR• AA• TC• RD• RA• AD• CD
DNS.REQ.HEADER.FLAGS.SET <FLAG>	Sets the specified flag. Note: You can set only the RD or CD flag in the header.
DNS.REQ.HEADER.FLAGS.UNSET <FLAG>	Unsets the specified flag. Note: You can unset only the RD or CD flag in the header.
DNS.REQ.HEADER.OPCODE.EQ <opcode types>	Checks the opcode type in the DNS request. Returns True or False, indicating whether the opcode type in the DNS request matches the specified opcode type.
DNS.RES.HEADER.FLAGS.IS_SET <FLAG>	Returns True if any of the following specified flags are set in the DNS response. <ul style="list-style-type: none">• QR• AA• TC• RD• RA• AD• CD
DNS.RES.HEADER.FLAGS.SET <FLAG>	Sets the specified flag.
DNS.RES.HEADER.FLAGS.UNSET <FLAG>	Unsets the specified flag.
DNS.REQ.HEADER.OPCODE.NE <opcode type>	Checks the opcode type in the DNS request. Returns True or False, indicating whether the opcode type in the DNS request matches the specified opcode type.

Expressions	Descriptions
DNS.REQ.HEADER.OPCODE.SET <opcode type>	Sets the specified opcode type in the DNS request.
DNS.RES.HEADER.RCODE.SET <rcode type>	Sets the rcode type in the DNS response.
DNS.NEW_RRSET_A <ip_add, ttl>	Replaces the Answer section in the DNS response with the specified IPv4 address and TTL value.
DNS.NEW_RRSET_AAAA <ipv6, ttl>	Replaces the Answer section in the DNS response with the specified IPv6 address and TTL value.
DNS.REQ.HEADER.FLAGS.GET_STRING_REPRESENTATION	Returns the DNS flags in string format that can be used for audit logging.
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