



Instructions



Code Examples



Forum

Stage #TZ1

In-progress

**Expected value:** 0.

Recursion Desired (RD)	1 bit	Sender sets this to 1 if the server should recursively resolve this query, 0 otherwise. <b>Expected value:</b> 0.
Recursion Available (RA)	1 bit	Server sets this to 1 to indicate that recursion is available. <b>Expected value:</b> 0.
Reserved (Z)	3 bits	Used by DNSSEC queries. At inception, it was reserved for future use. <b>Expected value:</b> 0.
Response Code (RCODE)	4 bits	Response code indicating the status of the response. <b>Expected value:</b> 0 (no error).
Question Count (QDCOUNT)	16 bits	Number of questions in the Question section. <b>Expected value:</b> 0.
Answer Record Count (ANCOUNT)	16 bits	Number of records in the Answer section. <b>Expected value:</b> 0.
Authority Record Count (NSCOUNT)	16 bits	Number of records in the Authority section. <b>Expected value:</b> 0.
Additional Record Count (ARCOUNT)	16 bits	Number of records in the Additional section. <b>Expected value:</b> 0.

The header section is always 12 bytes long. Integers are encoded in big-endian format.

You can read more about the full DNS packet format on [Wikipedia](#), or in [RFC 1035](#). [This link](#) is a good tutorial that walks through the DNS packet format in detail.

Ready to run tests...

Show logs