| Bit of PARAMETER field | Meaning |
|---|---|
| 0 | **Operation:** |
| | 0 Query |
| | 1 Response |
| 1-4 | **Query Type:** |
| | 0 Standard |
| | 1 Inverse |
| | 2 Server status request |
| | 4 Notify |
| | 5 Update |
| 5 | **Set if answer authoritative** |
| 6 | **Set if message truncated** |
| 7 | **Set if recursion desired** |
| 8 | **Set if recursion available** |
| 9 | **Set if data is authenticated** |
| 10 | **Set if checking is disabled** |
| 11 | **Reserved** |
| 12-15 | **Response Type:** |
| | 0 No error |
| | 1 Format error in query |
| | 2 Server failure |
| | 3 Name does not exist |
| | 5 Refused |
| | 6 Name exists when it should not |
| | 7 RR set exists |
| | 8 RR set that should exist does not |
| | 9 Server not authoritative for the zone |
| | 10 Name not contained in zone |

**Figure 23.6** The meaning of bits of the *PARAMETER* field in a DNS server message. Bits are numbered left to right starting at 0.