Can I just create my own?

Who is in charge?

What is a registrar?

Why DNS?
Domain Name System (DNS)

Domain Name Administration
TCP, UDP

Server
Authority
DNS

Server
Lookup
DNS

System
Client
DNS

System Administration
Communication
DNS
TL; Recursive Lookup, Security (query/ recursion)

DNS Server
DNS Authoritative

DNS Server
DNS Authoritative

DNS Server
DNS Authoritative

DNS Lookup Server

System Administration
DNS

DNS Lookup Server View

Cache

Valid?

In Cache

Score

Cache

Yes

No

1

2

3

4

5

6

7

8
DNS Delegation

Subdomain, Delegation

Query not found

1. Do I have authority?

2. Am I authoritative?

3. Yes

4. Can I delegate?

5. Yes

6. Server Lookup

DNS Authoritative Server View

DNS Authoritative Server View

System Administration