**Different Record types of Route 53**

**Summary Table**

| **Record Type** | **Purpose** | **Example** |
| --- | --- | --- |
| **A** | Maps domain to IPv4 | example.com → 192.0.2.44 |
| **AAAA** | Maps domain to IPv6 | example.com → 2001:db8::ff00:42:8329 |
| **CNAME** | Alias domain to another domain | www.example.com → example.com |
| **ALIAS** | AWS-specific alias (root domain support) | example.com → CloudFront |
| **MX** | Email routing | example.com → mail.google.com |
| **TXT** | Store metadata (SPF, DKIM, verification) | example.com → "v=spf1 include:\_spf.google.com" |
| **NS** | Points domain to name servers | example.com → ns-123.awsdns-45.net |
| **SRV** | Service-specific records | VoIP/SIP settings |
| **PTR** | Reverse DNS lookup | 192.0.2.44 → example.com |
| **SOA** | DNS settings & admin info | Primary NS: ns-123.awsdns-45.net |

**🔥 Which One Do You Need?**