DNS RECORDS - WINDOWS SERVER DNS MANAGER

BASIC RECORDS

A Record (Host)
Maps hostname to IPv4 address
`www → 192.168.1.100`

AAAA Record
Maps hostname to IPv6 address
`www → 2001:db8::1`

CNAME Record
Canonical name (alias)
`ftp → server1.domain.com`

PTR Record
Reverse lookup (IP to name)
`100.1.168.192.in-addr.arpa → www`

SERVICE RECORDS

MX Record (Mail)
Mail server with **priority**
`@ → 10 mail.domain.com`

SRV Record
Service location record
`_ldap._tcp → 0 5 389 dc1.domain.com`

NS Record
Name server for zone
`@ → ns1.domain.com`

SOA Record
Start of Authority (zone info)
`Auto-created per zone`

TEXT & OTHER

TXT Record
Text information/verification
`@ → "v=spf1 include:_spf.google.com ~all"`

CAA Record
Certificate Authority Authorization
`@ → 0 issue "letsencrypt.org"`

DNAME Record
Delegation name (alias entire tree)
`old.domain.com → new.domain.com`