

3.4 IPv4 & IPv6

Recursive Query	Responding to the final answer rather than transferring to another name server
BOOTP(Bootstrap Protocol)	Designed to assign IP based on APIPA
New DHCP	DORA
DHCP Renew	RA
DHCP Serves	Forwarders and Authorities
Resolver	Generic term for name resolution queries
Scope	Pool is not a technical term for this name
NS	Authoritative name server
Automatic IP allocation	Assigning IP address permanently
Dynamic IP allocation	Assigning the IP until the lease expires
Time Protocols	NTP, PTP(Precision Time Protocol)
UDP Forwarding	DHCP Relay
DNSSEC	Adds new resource records like RRSIG(Resource Record Signature), DNSKEY and DS(Delegation Signer)
DNS Security	DoH, DoT and DNSSEC, note that these security extensions doesn't pre-exist
DHCPv6	Stateful
SLAAC	Stateless