What Is Split DNS?

Domain controllers running Active Directory-Integrated DNS

Internal network

Outside firewall

Perimeter Network

Inside firewall

Web server

Mail server

External DNS server

1. Clients and servers on the internal network send all DNS queries to Active Directory-integrated DNS servers.

Hosts only records that are resolved from the outside, such as mail and web server
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2. The Active Directory-Integrated DNS servers return IP addresses back to those querying clients and servers on the internal network.
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3. The external DNS server provides name resolution for Internet clients.