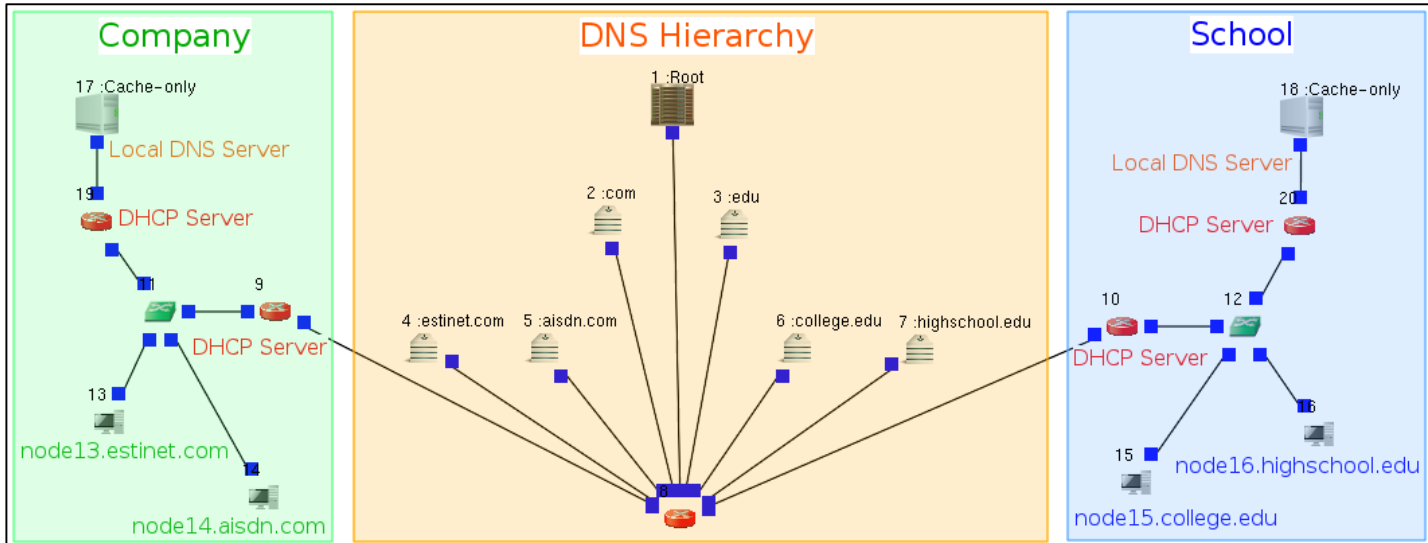


DHCP and DNS Graphical User Interface



Dynamic Host Configuration Protocol

- Combining with the Linux DHCP daemon
- DHCP configuration on client site

ARP IPv4 IPv6

Addressing

Apply the Following IP Address Configuration C.T.O.N.

Address Assignment

Method: Automatic C.T.O.N.

- DHCP configuration on server site

ARP IPv4 IPv6 DHCP Server

Enable DHCP for IPv4

Use GUI-generated Configuration File Edit

Use User-generated Configuration File

Enable DHCP for IPv6

Mode: Stateless Mode

Use GUI-generated Configuration File Edit

Use User-generated Configuration File

Domain Name System

- Combining with a Linux open source DNS software (named BIND)
- DNS service configuration on DNS Server

Node ID 4 Node Type DNS

DNS Server Application Interface Routing Virtual Machine

Parent Node and Domain/Host Name Setting

Parent DNS Node (Node ID): 2 C.T.O.N.

Domain Name: com

Host Name: estinet

FQDN (Fully Qualified Domain Name): estinet.com

- DNS service configuration on Host

Node ID 13 Node Type Host

Application Interface DNS Routing Virtual Machine Functional Switch

Domain Name Resolution

Query the Local Domain Name Resolution File C.T.O.N.

Query the Remote DNS Servers

DNS Server List

Node ID	17	Add	Delete
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IP and Domain Name Mapping

Interface ID	IPv4	IPv6	Host Name	Registered DNS Server
1	1.0.123.2000	0:c:c:201:ff:fe0:1e	Node13	4