











Type of Associated						
Type of Associated record entity		Description				
SOA	Zone	Holds information on the represented zone				
А	Host	Contains an IP address of the host this node represents				
мх	Domain	Refers to a mail server to handle mail addressed to this node				
SRV	Domain	Refers to a server handling a specific service				
NS	Zone	Refers to a name server that implements the represented zone				
CNAME	Node	Symbolic link with the primary name of the represented node				
PTR	Host	Contains the canonical name of a host				
HINFO	Host	Holds information on the host this node represents				
тхт	Any kind	Contains any entity-specific information considered useful				

 The most important types of resource records forming the contents of nodes in the DNS name space.

	Name	Record type	Record value
\n avearat	cs.vu.nl	SOA	star (1999121502,7200,3600,2419200,86400)
An excerpt	cs.vu.nl	NS	star.cs.vu.nl
rom the	cs.vu.nl	NS	top.cs.vu.nl
	cs.vu.nl	NS	solo.cs.vu.nl
ONS	cs.vu.nl	TXT	"Vrije Universiteit - Math. & Comp. Sc."
	cs.vu.nl	MX	1 zephyr.cs.vu.nl
latabase	cs.vu.nl	MX	2 tornado.cs.vu.nl
	cs.vu.nl	MX	3 star.cs.vu.nl
or the zone	star.cs.vu.nl	HINFO	Sun Unix
	star.cs.vu.nl	MX	1 star.cs.vu.nl
cs.vu.nl.	star.cs.vu.nl	MX	10 zephyr.cs.vu.nl
	star.cs.vu.nl	A	130.37.24.6
	star.cs.vu.nl	A	192.31.231.42
	zephyr.cs.vu.nl	HINFO	Sun Unix
	zephyr.cs.vu.nl	MX	1 zephyr.cs.vu.nl
	zephyr.cs.vu.nl	MX	2 tornado.cs.vu.nl
	zephyr.cs.vu.nl	A	192.31.231.66
	www.cs.vu.nl	CNAME	soling.cs.vu.nl
	ftp.cs.vu.nl	CNAME	soling.cs.vu.nl
	soling.cs.vu.nl	HINFO	Sun Unix
	soling.cs.vu.nl	MX	1 soling.cs.vu.nl
	soling.cs.vu.nl	MX	10 zephyr.cs.vu.nl
	soling.cs.vu.nl	A	130.37.24.11
	laser.cs.vu.nl	HINFO	PC MS-DOS
	laser.cs.vu.nl	A	130.37.30.32
	vucs-das.cs.vu.nl	PTR	0.26.37.130.in-addr.arpa
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Hierarchical Implementations: LDAP (1)

Attribute	Abbr.	Value
Country	С	NL
Locality	L	Amsterdam
Organization	0	Vrije Universiteit
OrganizationalUnit	OU	Comp. Sc.
CommonName	CN	Main server
Mail_Servers	_	137.37.20.3, 130.37.24.6, 137.37.20.10
FTP_Server	_	130.37.20.20
WWW_Server	_	130.37.20.20

Naming



Hierarchical Implementations: LDAP (3)

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Attribute	Value	Attribute	Value
Country	NL	Country	NL
Locality	Amsterdam	Locality	Amsterdam
Organization	Vrije Universiteit	Organization	Vrije Universiteit
OrganizationalUnit	Comp. Sc.	OrganizationalUnit	Comp. Sc.
CommonName	Main server	CommonName	Main server
Host_Name	star	Host_Name	zephyr
Host_Address	192.31.231.42	Host_Address	137.37.20.10
igure 5-23. (b) Tr		^{b)} htries having <i>Hos</i>	st_Name as F
CIS 505, Spring 2007	Na	aming	







