

Naming

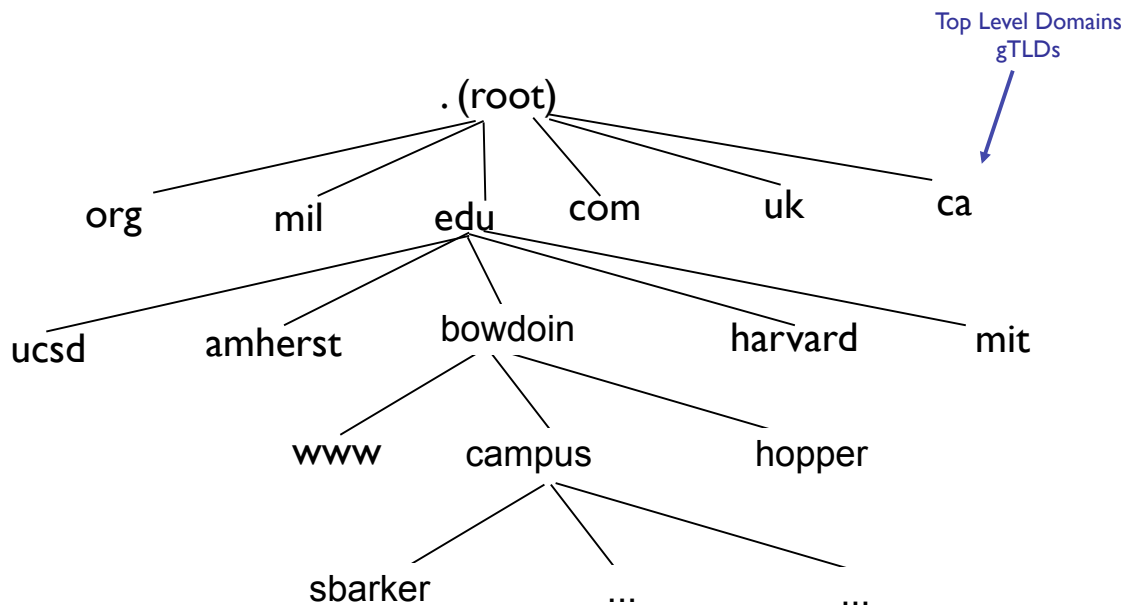


DNS (Domain Name System)

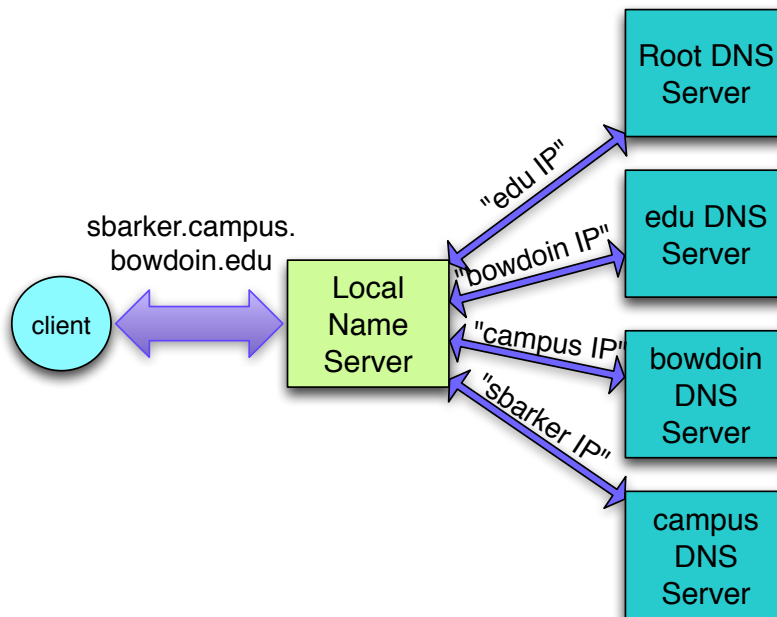
```

      ARPANET HOST NAMES AND LIAISON                      10-Jun-82
HOST NAME      HOST ADDRESS      SPONSOR      LIAISON
ACC            10.2.0.54      VDH  ARPA      Lockwood, Gregory (LOCKWOOD@BBNC)
                                     Associated Computer Consultants
                                     414 East Cota Street
                                     Santa Barbara, California 93101
                                     (805) 965-1023
      CPUtype: PDP-11/70(UNIX)
ACCAT-TIP      10.2.0.35      ARPA      McBride, William T.
                                     (MCBRIDE@USC-ISIC)
                                     Naval Ocean Systems Center
                                     Code 8321
                                     271 Catalina Boulevard
                                     San Diego, California 92152
                                     (714) 225-2083 (AV) 933-2083
      CPUtype: H-316
AEROSPACE      10.2.0.65      AFSC      Nelson, Louis C. (LOU@AEROSPACE)
                                     Aerospace Corporation
                                     A2/1013
                                     P.O. Box 92957
                                     Los Angeles, California 90009
                                     (213) 615-4424
      CPUtype: VAX-11/780(UNIX)
AFGL            10.1.0.66      AFSC      Cosentino, Antonio
                                     (COSENTINO@AFSC-HQ)
                                     Air Force Geophysics Laboratory
                                     SUNA
                                     Mail Stop 30
                                     Hanscom Air Force Base,
                                     Massachusetts 01731
                                     (617) 861-4161 (AV) 478-4161
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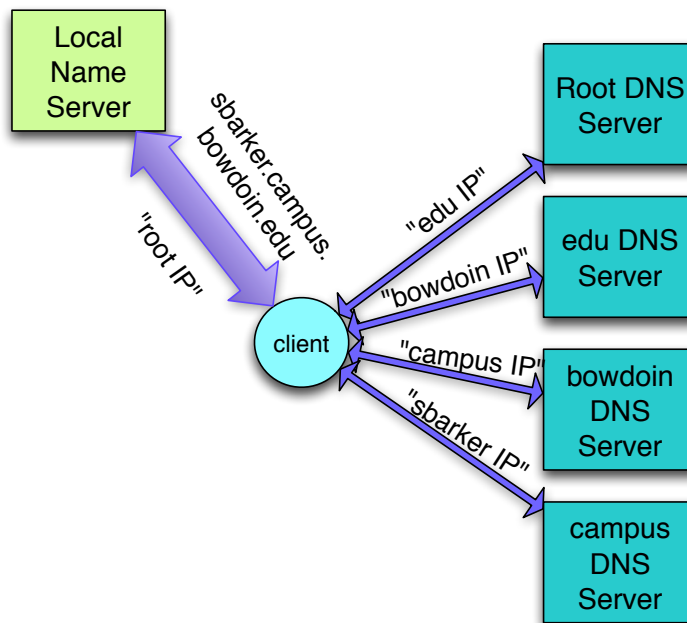
DNS Hierarchical Organization



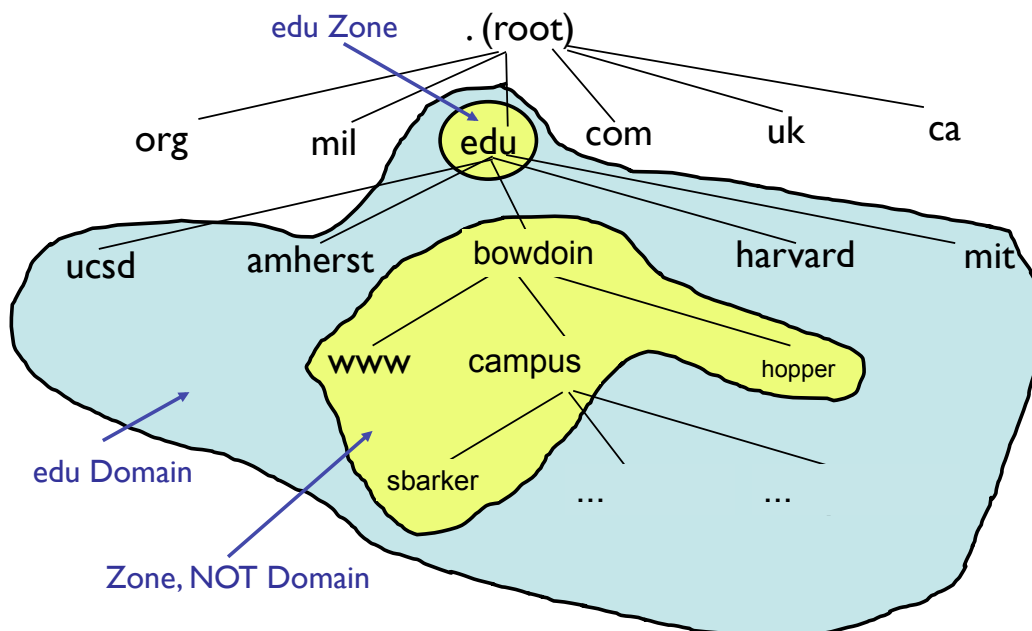
Recursive DNS Lookup



Iterative DNS Lookup



Domains and Zones



LDAP Example

Attribute	Abbr.	Value
Country	C	US
Locality	L	Maine
Organization	O	Bowdoin College
OrganizationalUnit	OU	Comp. Sci.
CommonName	CN	Main server
Mail_Servers	--	139.140.238.128
WWW_Server	--	139.140.227.110