Lucent Technologies
Bell Labs Innovations

Lucent QIP Enterprise 5.0
System Requirements

Unique Open System Delivers Ultimate Flexibility

The **QIP Enterprise Server** is a central repository for all Internet Protocol (IP) addresses, host names, and Machine Access Code (MAC) address information. The **Network Server** provides an architected solution that allows communication between the QIP Enterprise Server and other DNS and DHCP servers across a network.

Platforms Supported

QIP Enterprise Server or Network Server:

- Microsoft® Windows NT® Server 4.0 (Service Pack 3 or higher)
- Hewlett-Packard® HP®-UX 10.10, 10.20
- Sun Microsystems® Solaris® 2.5, 2.5.1, 2.6
- IBM® AIX® 4.1, 4.2

Clients:

- Motif (Solaris 2.5, 2.5.1, 2.6, HP-UX 10.10, 10.20 IBM AIX 4.1, 4.2)
- Microsoft Windows NT Server 4.0 (Service Pack 3 or higher)
- Microsoft Windows NT Workstation 4.0
- Microsoft Windows® 95 (4.00.950B or above)
- Microsoft Windows 98
- Web Interfaces:
  - Netscape Navigator® 2.0 or above
  - Microsoft Internet Explorer 3.0 or above
- Command Line Interfaces:
  - UNIX®
  - Windows NT

Hardware Requirements

QIP Enterprise Server for UNIX:

- 75 MHz RISC-based processor or better
- 128 MB memory minimum
- 256+ MB memory recommended
- 350 MB of disk space

Examples:

- Sun Microsystems SPARC® Ultra™ 1
- Hewlett-Packard 9000®, Series 800, Model D250

These requirements will manage up to 100,000 addresses.

Enterprise Server for NT:

- 200 MHz Pentium® Processor or better
- 128 MB memory minimum
- 256 MB memory recommended
- 250 MB of disk space (more based on number of objects managed)

Examples:

- Compaq® ProSignia®
- HP NetServer
- Dell® PowerEdge®
- IBM POWERServer®

QIP for NT will manage up to 30,000 addresses. If more addresses need to be managed, the UNIX Enterprise Server should be considered.

Network Server for UNIX:

- 45 MHz RISC-based processor or better
- 32 MB memory
- 30 MB of disk space

Examples:

- Sun Microsystems SPARC 5
- Hewlett-Packard 9000, Series 800

Network Server for Windows NT:

- 120 MHz Pentium Processor or better
- 32 MB memory minimum
- 20 MB of disk space

Examples:

- Compaq Deskpro®
- Dell PowerEdge 2200
- HP Vectra
- IBM POWERServer

Clients

Windows NT Workstation or Server:

- 75 MHz Pentium processor or better
- 48 MB memory minimum
- 64-80 MB memory recommended
- 15 MB of disk space

Windows 95:

- 486 Intel® Processor or better
- 16 MB of memory minimum
- 32 MB recommended
- 15 MB of disk space

Windows 98:

- 75 MHz Pentium processor or better
- 48 MB memory minimum
- 64-80 MB memory recommended
- 15 MB of disk space

Motif:

- Same hardware and platform requirements as the Network Servers for UNIX

Web:

- Servers Supported:
  - NCSA's Mosaic (UNIX)
  - Netscape FastTrack® & Enterprise™
  - (UNIX & NT) (2.0 or higher)
  - Microsoft's IIS (3.0 and higher)
  - Apache HTTP Server (UNIX & NT)
- Browsers Supported:
  - Netscape Navigator 2.0 and above
  - Microsoft Internet Explorer 3.0 and above

Databases Supported

- Sybase® 11.5 (a runtime version is included in the QIP Enterprise 5.0 distribution)
- Oracle® 7.3

DNS Servers Supported

QIP DNS (4.9.7 BIND compliant):

- Microsoft Windows NT Server 4.0 (Service Pack 3 or higher)
- Hewlett-Packard HP-UX 10.10, 10.20
- Sun Solaris 2.5, 2.5.1, 2.6

QIP DNS (8.1.2 BIND compliant):

- Microsoft Windows NT Server (Service Pack 3 or higher)
- Hewlett-Packard HP-UX 10.10, 10.20
- Sun Solaris 2.5, 2.5.1, 2.6

Any BIND 4.8.x and 4.9.x compliant DNS server running on the following platforms:

- Hewlett-Packard HP-UX 10.10, 10.20
- Microsoft Windows NT Server 4.0 (Service Pack 3 or higher)
- IBM AIX 4.1, 4.2
- Sun Solaris 2.5, 2.5.1, 2.6

Microsoft DNS Windows NT Server 4.0 (Service Pack 3 or higher)

Note: Additional DNS platforms not listed above can be supported by creating the DNS files on the Enterprise Server, and then transferring them to the DNS Server.

DHCP Servers Supported

- QIP DHCP (conforms to RFCs 2131 and 2132) available on:
- Sun Solaris 2.5, 2.5.1, 2.6
- Hewlett-Packard HP-UX 10.10, 10.20
- Windows NT Server 4.0 (SP 3 or higher)
- IBM's DHCP on AIX 4.1, 4.2
- IBM's DHCP on NT (Service Pack 3 or higher)
- Microsoft DHCP Windows NT Server 4.0 (Service Pack 4.0 only)

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