



imminet™ WebDNS 100

Building Smarter, Faster Networks to Satisfy Global Users

When you manage a content delivery network that handles requests from clients around the world, you must create a robust scalable system that gives end-users superior speed and service. Now, an *imminet*™ content delivery solution built with *imminet* WebDNS 100 lets you deliver a smarter, faster network free of network delays, network congestion and server overload problems.

Deliver Web Content Faster

imminet WebDNS 100 gives you an intelligent, BIND-based DNS server that links with existing DNS servers to direct content requests to the closest service node. Your *imminet* WebDNS serves as an authoritative DNS server to accelerate your network. It uses proprietary algorithms from Bell Labs to determine service node proximity. In addition, it is easy to install in your network. There is no need to alter content to use *imminet* WebDNS. *imminet* WebDNS transforms distributed networks into a powerful solution that delivers content fast and efficiently to help you:

- increase content availability
- expand network scalability
- relieve congestion
- handle peak traffic loads
- detect unavailable or out of service nodes resulting in the highest network availability
- configure and manage easily



- reduce the load on the origin server

imminet WebDNS 100 is a part of Lucent's *imminet* product portfolio, a comprehensive family of web caches, layer 4/7 switches and web appliances designed to accelerate and deliver web content. *imminet* WebDNS 100 combines Bell Labs technology with carrier-grade performance and reliability to:

- become fully compatible with existing Domain Name Systems
- interwork with *imminet* WebCache and *imminet* WebDirector solutions
- continuously monitor your content delivery network to identify the node closest to each client
- share loads across a distributed array of service nodes

- work with Lucent's award-winning QIP® IP management system
- collect statistics on its operation, as well as for devices in the service nodes, to support use and speed improvements
- improve response time to end users

The *imminet* solution is a complete, robust content delivery solution for today's e-businesses.

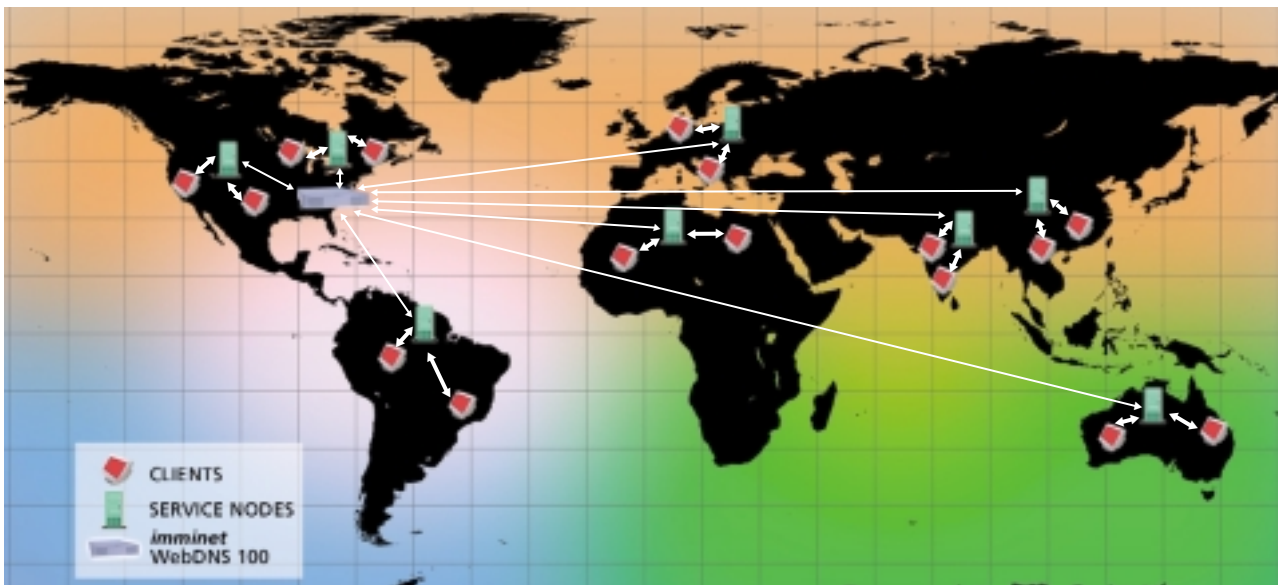
The Lucent Worldwide Services team can provide the people, processes and tools you need to protect and extend the life of your *imminet* solution by optimizing performance, anticipating problems and reducing costs.

The *imminet* solution can be integrated and managed via Lucent's NavisAccess™ end-to-end service and network management solution.



Service Node: A service node is a single *imminet* WebCache device or multiple *imminet* WebCaches load balanced by a switch, such as Lucent's *imminet* WebDirector. It uses a single network address and acts as an Internet content portal. *imminet* WebDNS communicates with the service nodes in your content network to learn which node is the closest to each client.

Domain Name System: DNS is a standard Internet protocol and distributed database. As a critical component to any TCP/IP-based network, DNS servers translate host names (such as www.lucent.com) into IP addresses (such as 135.2.22.255).



The *imminet* content solution accelerates content distribution by steering clients to the closest content location around the globe.

Specifications

High Performance

Answers DNS queries at more than 4000 requests/second

2U form factor
1 GB memory

Interfaces

2 RJ-45 100Base-TX

Power Supply

Standard 300W AC/DC

Safety and EMC Certifications

UL, cUL, ULar, CB Scheme, CE, VCCI, FCC Part 15 Class A, Industry Canada ICES-003

For additional information, please contact your Lucent Technologies Sales Representative, visit our Web site at <http://www.lucent.com/businessunit/icdd.html> or email us at imminet@lucent.com.

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