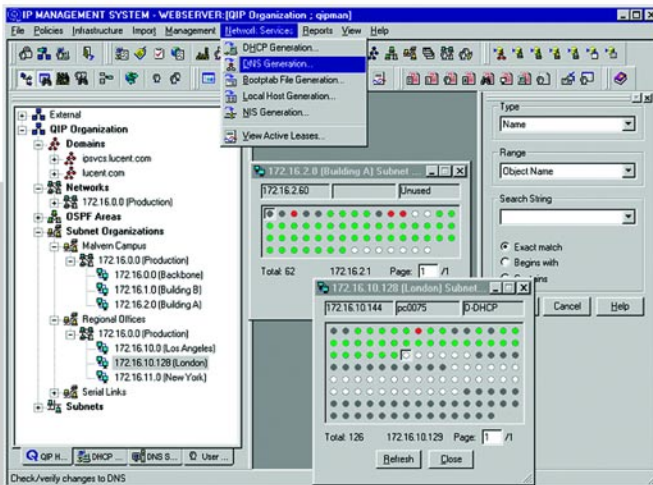


VitalQIP™ DNS/DHCP and IP Management Software



The complete software solution for automating IP address management services across your network

Streamline management and cut administrative costs with this award-winning, market-leading software

Benefits

- Performance-proven in today's most demanding networks
- Automate critical IP name and address services
- Scalable and reliable to support millions of IP addresses
- Seamlessly manage multi-vendor IP platforms
- Enhance administrator effectiveness and user satisfaction
- Maximize the return on your IP investments
- Extend your management capabilities with integrated add-on modules



Performance-proven in today's most demanding networks

VitalQIP™ Domain Name System/Dynamic Host Configuration Protocol (DNS/DHCP) and IP Management Software is used by hundreds of customers, including Global 1000 companies and top Service Providers around the world to automate their essential IP name and address services needs. This innovative system has received numerous honors and awards, including the *Network World* Blue Ribbon Award. And it is consistently rated a best-in-class IP management solution by industry analysts and market research firms.

Market-leading VitalQIP™ software helps you efficiently configure, automate, integrate and administer IP services across your entire network — locally or globally. This powerful management software centralizes planning and administration, enabling you to rapidly provision address space and reliably deliver critical IP name and services throughout your network. Compatible with multiple technologies and platforms, it helps you streamline management tasks with a comprehensive suite of integrated tools and user interfaces.

Automate critical IP name and address services

IP name and address services are essential to service availability and end user performance capabilities. If end users cannot obtain an IP address, they can't communicate or complete tasks essential to your business success. If application host names are not quickly resolved by programs in end users' PCs, connecting to these applications and other services is difficult if not impossible.

VitalQIP™ software helps you expedite the connection processes by simplifying IP name and address management services — from initial planning to solution deployment, auditing IP address utilization to performing everyday administrative functions.

The system consolidates all IP address information in a single location, ensuring that diverse, geographically dispersed administrators managing your network can access the same IP database. This eliminates duplication of administrative effort and allows you to maintain a consistent IP inventory network-wide.

VitalQIP™ software supports both Lucent and other vendor DNS and DHCP servers, allowing you to readily configure and deploy IP services across your distributed network and synchronize VitalQIP™ data updates in real time.

Scalable and reliable to support millions of IP addresses

VitalQIP™ software is widely deployed in high-volume distributed network environments, where it has demonstrated its ability to support demanding applications with millions of individual IP addresses and hundreds of thousands of domains.

Built-in support for master and slave DNS servers, as well as Dynamic DNS updates, helps you avoid network outages and automate address and name assignments.

Running the system on the Lucent DHCP server eliminates any single point of failure with many-to-one failover capability: a single secondary DHCP server can serve as the back-up for multiple primary DHCP servers. This helps ensure that IP services are delivered to users as specified, reducing your network hardware requirements and simplifying network administration.

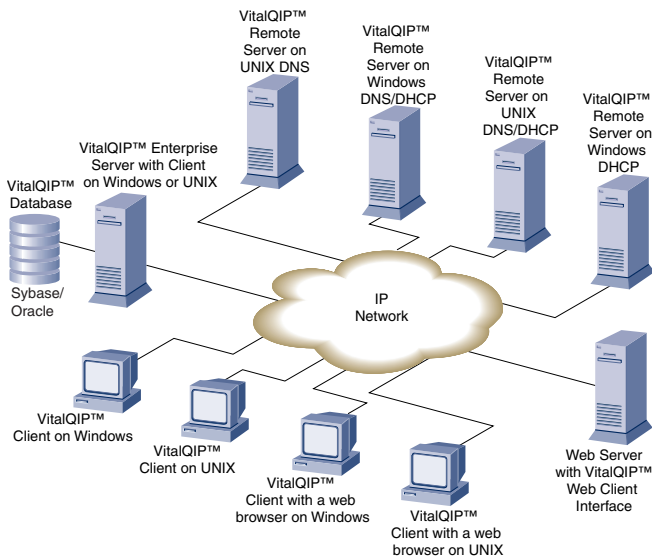
Seamlessly manage multi-vendor IP platforms and servers

Standards-compliant VitalQIP™ software can be deployed across multiple server platforms. It supports Microsoft® Windows® NT, Windows® 2000, Sun® Solaris™, IBM AIX and Hewlett-Packard HP-UX platforms for the centralized Enterprise Server and provides support for these same platforms plus Red Hat Linux for remote servers. VitalQIP™ software supports Lucent, IBM and Microsoft® NT/Windows® 2000 DNS and DHCP servers.

Enhance administrator effectiveness and user satisfaction

Centralized definition of your IP network model and management of IP services via a single system are the keys to effectively managing network-wide IP name and address information. Configuring remote DHCP and DNS servers based on this centralized information improves administrator productivity and reduces errors.

With VitalQIP™ software, network administrators can centrally establish a set of rules and policies to automate the definition of IP networks and subnets, as well as define administrators' visibility into everything from IP networks and subnets to individual IP objects, domains and DNS and DHCP servers. This helps ensure consistent network-wide enforcement of operational and administrative procedures.



VitalQIP™ software supports diverse client interfaces running on a wide array of popular server platforms.

The VitalQIP™ system also addresses common configuration issues through:

- Data compression and encryption for enhanced security
- Secure local and remote management for an unlimited number of simultaneous administrators
- Unsurpassed flexibility to edit policies at global, customer/folder and device levels

These automated capabilities reduce your overall network administration costs. And they free your network management personnel to address other more strategically critical tasks.

Maximize the return on your IP investments

As your network continues to grow, more IP devices, more traffic and newer technologies such as VoIP, VPN and WLAN, continuously increase your management responsibilities. To keep pace — and to make the most of your existing infrastructure investments — you need the automated, highly scalable management tools VitalQIP™ software provides.

Real-world user experiences demonstrate that implementing VitalQIP™ software can be a high-return business decision. Customers deploying VitalQIP™ IP solutions in place of manual IP name and address management typically save from two to four dollars per IP address per year*.

* ROI estimates calculated based on average customer IT management costs; actual results may vary.

Extend your management capabilities with integrated add-on modules

Only VitalQIP™ software gives you the foundation to build additional functionality into an existing management system, extending your capabilities and increasing the return on your network investment. Choose from a full range of available management modules to augment the value and versatility of your VitalQIP™ software solution:

- **Network Allocator** is ideal for customers needing to define and deploy large numbers of subnets. Automating subnet creation optimizes the use of available address space and delivers reliable user services more quickly.
- **Audit Manager** enables you to easily track and analyze the usage history of an IP or MAC address and its associated user or group — whether the address is assigned statically through your database or dynamically by a DHCP server.
- **Registration Manager** streamlines network administration and provides intelligent address assignment by identifying each user and dynamically allocating an IP address based on the service levels to which the user is entitled.
- **Services Manager** lets you proactively address potential problems before outages occur. It enables administrators to verify the operation of the DHCP and DNS environment, initiate probes for DHCP grants and renews, and immediately identify servers or processes that are not performing properly.
- **Simple Network Management Protocol (SNMP) Module** gives you visibility into the network statistics and traps from your DNS and DHCP servers and helps you maximize their uptime. It allows the use of network management tools, such as Lucent's VitalNet™ performance management software, that support the SNMP protocol. And it provides a comprehensive set of SNMP MIB variables for DHCP and DNS services.
- **Usage-Based Billing Interface** collects and tracks IP address assignments, and links each address to a billing location or group. It also provides user-to-IP address mapping and DHCP lease duration to give you the information required to administer accurate billing by a third-party application.
- **API Toolkit** lets you integrate the VitalQIP™ system into other critical network applications. You can use its extensive set of C/C++ application programming interfaces (APIs) to create scripts that automate repetitive tasks and eliminate manual intervention.

VitalQIP™ Software Features and Benefits

- **Multi-vendor, multi-platform compatibility** — for investment protection and cost-effective growth
- **Industry's highest performance DHCP and DNS servers** — enabling rapid IP address assignment for the delivery of robust IP services
- **Scalability for your growing business** — manage millions of IP addresses with one readily extensible solution
- **High availability architecture** — minimizes downtime of critical IP services and maximizes user satisfaction
- **Flexible administration** — local or remote administrators streamline management of IP names, addresses and distributed DHCP/DNS services to help reduce operating expenses
- **Consolidated IP inventory** — ensures network-wide consistency and accuracy of management data
- **Add-on modules** — extends the VitalQIP™ solution with optional pre-integrated that suit your specific needs

To learn more, contact your Lucent Technologies sales representative, authorized reseller or sales agent. You can also visit our web site at <http://www.lucent.com/vital> or call 1-888-426-2252.

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