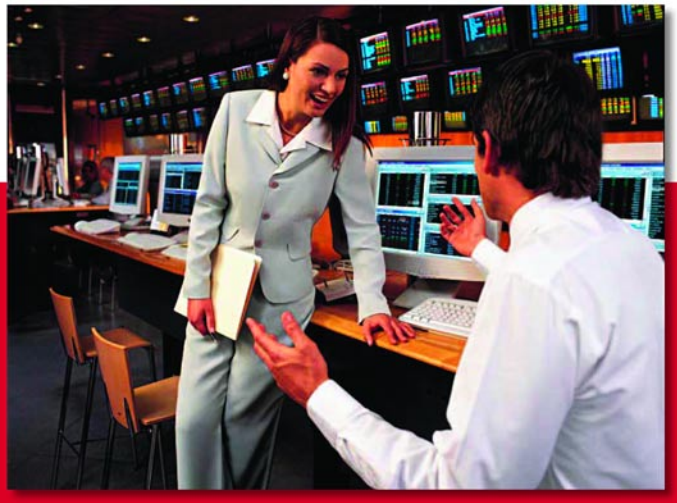

VitalQIP™
SNMP 2.0 Add-on Module Software

Extend the capabilities of your VitalQIP™ system with time-saving IP management software that helps you optimize DNS/DHCP server performance and availability.

Benefits

- Maximize overall uptime by quickly obtaining statistical data on server performance
- Automate repetitive manual tasks; reduce operations/ administration staffing needs
- Customize your management interface by choosing the variables you want to track
- Enhance service delivery monitoring, SLA compliance

Market-leading VitalQIP™ DNS/DHCP and IP Management software helps you efficiently configure, automate, integrate and administer IP services across your entire network — locally or globally. This powerful management software centralizes IP services planning and administration, enabling you to rapidly provision address space and reliably deliver critical IP name and services throughout your network.

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, such as VitalQIP™ SNMP software, to augment the value and versatility of your VitalQIP™ software solution.

Streamline collection and monitoring of vital performance statistics and operational data across your network.

VitalQIP™ SNMP Add-on Module software gives you ready access to essential information for maximizing the performance and uptime of your critical IP network. This add-on option to the award-winning Lucent VitalQIP™ IP address management system automates collection and monitoring of performance statistics and operational data from your Domain Name System (DNS) and Dynamic Host Configuration Protocol (DHCP) servers.

Delivering you comprehensive DNS/DHCP coverage, VitalQIP™ SNMP Module software provides today's most extensive set of SNMP Management Information Base (MIB) variables. With more than 100 performance and operational variables to choose from, such as DHCP and DNS statistics, you can gain enhanced visibility into critical services network-wide.

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Simplify data collection

You can quickly and easily implement VitalQIP™ SNMP Module software into your network, where it is equally easy to operate and administer regardless of the size of your network.

VitalQIP™ SNMP management software provides an extremely flexible management platform you can custom-tailor to your specific requirements. Because you choose the variables to monitor, you are able to view the precise information you need to maintain top network performance.

The statistical information collected by your DNS and DHCP servers is written to a set of MIB variables expressly designed to enhance server monitoring, performance and operational status. The Lucent DNS and DHCP variables include extensions to the standard MIB, enabling you to collect and monitor key data such as:

- *Counters* — by subnet, protocol and server
- *Statistics* — occurring in near-realtime based on configurable settings
- *Configuration* — including recursion services by DNS
- *Traps, Alerts and Alarms* — by class, type, time, host description and more

A cost-effective, cost-saving way to extend your VitalQIP™ solution

The VitalQIP™ SNMP Module performs the tasks of many individual network management tools, eliminating the need to purchase additional dedicated hardware and software. Plus, by automating repetitive manual tasks, it allows you to re-deploy Network Operation Center (NOC) resources and lower administrative expenses.

Your savings with this innovative software don't stop there. Multi-vendor, multi-platform support helps protect your existing network management investments. SNMP Module software interoperates with leading products such as Lucent VitalNet™ Network and Performance Management software and HP® *OpenView*™ platforms. In addition, the Lucent MIB variables can be used in conjunction with the standard Internet MIB.

Features

- **Comprehensive DNS/DHCP coverage** —captures more than 100 MIB variables
- **Lucent DHCP MIB Variables**
  - System – description, status
  - Subnet counters – used, unused, full subnets
  - Bootp/DHCP counters – sent and received packets by message type
  - Bootp/DHCP statistics – response times
  - Server configuration – subnets, ranges, allocation types
  - Failover – partner address, type, status
  - Traps – stopped, started, reload, subnet threshold, failover
- **Lucent DNS MIB Variables**
  - System – description, status
  - Counters – sent and received packets by message type
  - Statistics – response times
  - Configuration – recursion, round-robin
  - Traps – stopped, started, reload, configuration error
- **SNMP support** — compliant with SNMP v1, v2, v3
- **Multi-platform support** — AIX 4.3.3; HP-UX 11; Solaris™ (Sparc) 7 and 8; Windows® NT server Service Pack (SP) 6a; Windows® 2000 Advanced Server SP2

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/oss or call: 1-888-426-2252

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