

VitalQIP™
API Toolkit 6.0
Add-on Module Software

Add powerful application programming interfaces to your VitalQIP™ DNS/DHCP and IP Management system—make it easy to customize your network environment and streamline multiple management tasks.

Benefits

- Create custom solutions by integrating key business applications in your network
- Speed and simplify diverse network management and server configuration processes
- Automate repetitive manual tasks; free-up valuable technical resources
- Minimize the number of software tools you need to purchase and support implementation of capabilities
- Share information across network applications

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™ API Toolkit 6.0 add-on software, to augment the value and versatility of your VitalQIP™ software solution.

Simplify IP management by extending your VitalQIP™ system to other critical network applications.

VitalQIP™ API Toolkit software enhances your IP address management capabilities with powerful functionality for customizing your network environment, optimizing your current network applications and seamlessly integrating your future technology acquisitions.

This software augments the unmatched capabilities of Lucent's award-winning VitalQIP™ IP management software by automating script interface creation, as well as easing day-to-day network management. An extensive set of application programming interfaces (API's) supplements your VitalQIP™ platform with additional hooks you can use to tailor IP network solutions that suit your specific needs.

Whether you're a network architect, developer or network manager, you'll appreciate the value and versatility of this time-and cost-saving VitalQIP™ add-on module.

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Take advantage of extensive interface capabilities

The advanced VitalQIP™ API Toolkit makes creating and managing your IP network environments with the VitalQIP™ management system easier than ever before. A rich array of C/C++ interfaces let you readily extend VitalQIP™ software into other network applications —including asset tracking, workflow or billing software and other network management solutions.

In addition, you can use the toolkit's APIs to help ensure that any information collected by your VitalQIP™ system can be shared by applications across your network.

Cut administration costs, time and trouble

Repetitive tasks and manual steps can impede the administration of your IP network services. The VitalQIP™ API Toolkit module helps you eliminate them. Use the Toolkit to create the scripts interfaces you need, automating routine management processes and freeing your technical staff for other central activities.

Leverage work-saving APIs at every IP management level

The Toolkit includes APIs that interface to the VitalQIP™ database and VitalQIP™ DHCP Servers. They are available at all levels, from interrupting the DHCP offer process on the DHCP server to performing domain additions or DNS zone file generations. Developers can code, compile and link APIs with external programs to perform such tasks as generating a host name, getting the next available IP address on a subnet or notifying a network management system when a lease is granted.

Create customized solutions on a standardized management platform

Virtually every process supported by the system's graphical user interface is equally supported by a Command Line Interface (CLI) or the VitalQIP™ Toolkit APIs. Each of these customization tools can be integrated with others, letting you build complete, custom-tailored solutions to improve the administration and configuration of your IP address infrastructure.

Features

- **Toolkit components**
  - Header files containing prototypes for functions and structure definition
  - Library files for compiling and linking APIs with external customer applications
  - API Toolkit User's Guide
  - Test program demonstrating how the API calls work
- **Supported platforms**
  - AIX 4.3.3
  - HP-UX 11
  - Solaris (Sparc®) 7 and 8
  - Windows® NT server Service Pack (SP) 6a
  - Windows® 2000 Advanced Server SP2
  - Red Hat Linux 7.0 (kernel 2.2.16 and GLIB-C 2.2, Intel Pentium only)

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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