



Alcatel-Lucent VitalQIP

DNS/DHCP & IP MANAGEMENT SOFTWARE | SNMP MODULE
RELEASE 2.2

BUILD 1
RELEASE NOTES

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About this document

Purpose

This document provides important information about the contents of VitalQIP SNMP Module 2.2, build 1. It covers new features, system requirements, product installation and upgrades, as well as resolved problems and known issues.

Reason for reissue

The following table shows the revision history of this document.

Issue number	Date of issue	Description of changes
4	February 2009	Certification of SNMP Module with VitalQIP 7.2.
3	August 2008	Fixes a load problem. Refer to Table 4-1 on page 4-2. A patch to fix the problem is available from the ALED site.
2	August 2007	Certification of SNMP Module with VitalQIP 7.1
1	October 2006	Certification of SNMP Module with VitalQIP 7.0

Conventions used

This document uses the following typographical conventions:

Appearance	Description
<i>Italicized text</i>	<ul style="list-style-type: none">• File and directory names• Titles of publications• A value that the user supplies
<i>Bold italicized text</i>	<ul style="list-style-type: none">• Emphasized information
graphical user interface text or key name	<ul style="list-style-type: none">• Text that is displayed in a graphical user interface or in a hardware label• The name of a key on the keyboard

Appearance	Description
<code>input text</code>	Command names and text that the user types or selects as input to a system
<i>Italicized input text</i>	Input variable for which you must substitute another value. The angle brackets < and > also indicate the value is a variable.
<code>output text</code>	Text that a system displays or prints

Technical support

For assistance, contact your Welcome Center:

- For North America customers: **1-866-LUCENT8 (582-3688)**, Option 1, Option 2
- For Europe, Middle East, and Africa, technical support: **00 800 00 LUCENT** or **+353 1 692 4579**
- For Central and South America customers:
 - Brazil: **0800 89 19325**

Important! For other local CALA numbers consult the web site <http://www.alcatel-lucent.com/support> or contact your local sales rep.

- For Asia Pacific technical support:
 - **1800-458-236** (toll free from within Australia)
 - (IDD) **800-5823-6888** (toll free from Asia Pacific – China, Hong Kong, Indonesia, South Korea, Malaysia, New Zealand, Philippines, Singapore, Taiwan, and Thailand)
 - **(613) 9614-8530** (toll call from any country)

For technical support, contact your local Alcatel-Lucent customer support team. See the Alcatel-Lucent Support web site (<http://alcatel-lucent.com/support/>) for contact information.

How to order

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How to comment

To comment on this document, go to the Online Comment Form (<http://www.lucent-info.com/comments/>) or e-mail your comments to the Comments Hotline (comments@alcatel-lucent.com).

1 Release components

Overview

Purpose

This chapter describes software and documentation deliverables included in this release.

Contents

This chapter covers these topics.

Software deliverables	1-2
How to obtain software	1-2
Documentation deliverables	1-3
To obtain documentation	1-3

Software deliverables

The following table lists the software that comprises the VitalQIP SNMP Module 2.2 B1 release.

Table 1-1 Software deliverables

Type	Platform	Directory	File
VitalQIP SNMP Module	Linux	/vitalqsn/2.2b1-VitalQIP7.2B592/linux/SNMP2.2-VitalQIP7.2-linux	<i>snmp22-lin.tar</i>
	Solaris	/vitalqsn/2.2b1-VitalQIP7.2B592/solaris/SNMP2.2-VitalQIP7.2-solaris	<i>snmp22-sol.tar</i>
	Windows 2003	/vitalqsn/2.2b1-VitalQIP7.2B592/windows/SNMP2.2-VitalQIP7.2-windows	<i>snmp22-w2k.zip</i>

How to obtain software

VitalQIP SNMP Module 2.2 installation files are available for download via Alcatel-Lucent Electronic Delivery (ALED) services. ALED uses secure HTTP and FTP to download files and documentation. In order to use ALED, you must be registered with Alcatel-Lucent Global Support.

If you are not registered with Alcatel-Lucent Global Support, visit <https://market.lucent.com/release/SPRegistrantTypeSvlt>. If you need assistance in registering, contact the Alcatel-Lucent Customer Support Services:

- Inside the United States: 1 (866) 582-3688, prompt 7
- Outside the United States: 1 (630) 218-7688

You must have SSH installed and configured before downloading installation files. For more information about setting up secure FTP, visit https://download.support.lucent.com/cgi-bin/ssh_ftp.cgi. After you have set up secure FTP, you can connect via secure FTP and access the **Product|Version|Platform** directory to download the product's files. To download the product via secure HTTP, follow these steps:

- 1 If you have not registered, register at <https://market.lucent.com/release/SPRegistrantTypeSvlt>

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- 2 Open a browser and go to <https://support.lucent.com/portal/olcsHome.do>.
 - 3 Log in with your user name and password. The Customer Center is displayed.
 - 4 Select **Documentation and downloads** from the Customer Support menu.
 - 5 Click **Product index**.
 - 6 Expand **Downloads**, followed by **U-Z**.
 - 7 Under **V**, click on **VitalQIP®**.
 - 8 Select **VitalQIP® SNMP** and click **Next**.
 - 9 Under **Documentation and downloads**, click **Downloads: Electronic Delivery**.
 - 10 Select **2.2b1-VitalQIP7.2B592** and click **Next**.
 - 11 Select the appropriate platform and click **Next**.
 - 12 Select the file to download and click **Next**.
 - 13 Specify the download directory on your local machine.
 - 14 Click **Download** to use the legacy download agent, or **Download Plus** to use the **GetPlus®** download agent.

END OF STEPS

Document deliverables

Documentation available for this release

The following table lists the available documentation for the SNMP Module 2.2 release.

Table 1-2 Documentation list

Document	Platform	Directory	File
Release Notes <i>Part number:</i> 190-409-104R2.2	Linux	/vitalqsn/2.2b1-VitalQIP7.2B592/linux/SNMP2.2-linix-ReleaseNotes	<i>Snmp22Iss4RN.pdf</i>
	Solaris	/vitalqsn/2.2b1-VitalQIP7.2B592/solaris/SNMP2.2-solaris-ReleaseNotes	
	Windows	/vitalqsn /2.2b1-VitalQIP7.2B592/windows/SNMP2.2-windows-ReleaseNotes	
User's Guide <i>Part number:</i> 190-409-038R7.1	All	/vitalqsn/2.2b1-VitalQIP7.2B592/docs/SNMP2.2-UsersGuide	<i>SNMP22Iss2UG.pdf</i>

To obtain documentation

In addition to the ALED site, VitalQIP product documentation is available to customers through OnLine Customer Support (OLCS).

To navigate to OLCS, follow these steps:

1. Go to <https://support.lucent.com/portal/productIndexByCat.do>.
2. Select the product category for which you require documentation. For example, for VitalQIP documentation, select **Network, Service Management and OSS**.
3. To obtain manuals, select **Manuals and Guides**. To obtain release notes, select **Release Information**.



2 New features

Overview

Purpose

This chapter identifies the new features and/or capabilities contained in SNMP Module 2.2.

Contents

This chapter covers these topics.

New features	2-2
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New features

Following are new features included in this release:

Table 2-1 New features

Feature ID number	Feature name	Description
	Support for VitalQIP 7.0	SNMP Module 2.2 was certified with VitalQIP 7.0.
	Support for VitalQIP 7.1	SNMP Module 2.2 was certified with VitalQIP 7.1.
	Support for VitalQIP 7.2	SNMP Module 2.2 was certified with VitalQIP 7.2.



3 Changes to interfaces, alarms, and messages

Overview

Purpose

This chapter is not pertinent to the SNMP Module 2.2 release.



4 Resolved issues

Overview

Purpose

This chapter describes resolved issues in this release.

Contents

This chapter covers these topics.

Resolved issues	5-2
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Resolved issues

The following table identifies the customer reported issues that have been resolved in SNMP Module 2.2.

Table 4-1 Customer-reported ARs resolved in SNMP Module 2.2

Fault ID	AR number	Severity	Description of issue
SNMP00000285		2: High	Receiving error when trying to install SNMP when named 4.1.x is installed. A patch that fixes this problem is available from the ALED site.
SNMP00000199	1-1201476	4: Low	Incorrect Error Message in SNMP 2.1 installation routine on Linux.
SNMP00000209	1-1320824	3: Medium	Doc Edit: Subnet not depleted however the dhcpServerSubnetDepleted SNMP trap is being issued.
SNMP00000211	1-1387251	3: Medium	qipsnmp-load for SNMP 2.1/Solaris changes ownership of \$QIPHOME to root.



5 Known issues

Overview

Purpose

This chapter describes known issues and workarounds if available for SNMP Module 2.2.

Contents

This chapter covers these topics.

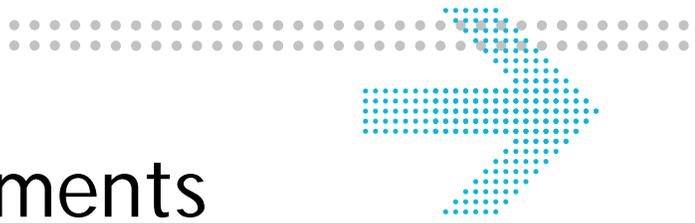
Known issues and workarounds	5-2
----------------------------------------------	-----

Known issues and workarounds

The following table includes a list of known issues that were identified as customer impacting and/or outstanding customer problems that have not yet been resolved.

Table 5-1 Known issues and workarounds

Fault ID	AR number	Description of issue	Workaround
SNMP00000224		Linux install fails due to missing uncompress binary	Install the uncompress binary in the \$PATH.



6 System requirements

Overview

Purpose

This chapter describes software and hardware requirements and compatibility restrictions.

Contents

This chapter covers these topics.

Supported platforms	6-2
Software requirements	6-2
Hardware requirements	6-3

Supported platforms

SNMP Module 2.2 runs on the VitalQIP Remote Server. The following table lists the platforms that are supported in VitalQIP SNMP Module 2.2.

Table 6-1 Supported platforms

VitalQIP component	Platform
VitalQIP Remote Server	Red Hat Enterprise Linux (AS, ES – 32 bit) 4.0 and 5.2 –x86 platforms only Solaris 9 and 10 UltraSPARC
	Windows 2003 and 2008 Standard and Enterprise Server (32 bit)

Software requirements

This section lists the software requirements for SNMP Module 2.2. Please note if you are not currently running on the supported platform version, you are strongly encouraged to upgrade to the supported version.

Table 6-2 VitalQIP and SNMP Module 2.2 software requirements

Software	Version	Comments
VitalQIP	7.0 7.1 7.2	SNMP 2.2 is typically installed on VitalQIP remote server systems. Refer to the VitalQIP Version 7.x product documentation and Release Notes for more information.
Lucent DNS	4.0 4.1	<ul style="list-style-type: none"> • Lucent DNS 4.0, Build 19 is delivered with VitalQIP 7.0, Build 460 (October 2006 Release). • Lucent DNS 4.0, Build 21 is delivered with VitalQIP 7.0, Build 504. • Lucent DNS 4.0, Build 22 is delivered with VitalQIP 7.1. • Lucent DNS 4.1, Build 11 is delivered with VitalQIP 7.2.

Software	Version	Comments
Lucent DHCP	5.4 5.5	<ul style="list-style-type: none"> Lucent DHCP 5.4, Build 28 is delivered with VitalQIP 7.0 (Oct 2006 Release). Lucent DHCP 5.4 B34 is delivered with VitalQIP 7.1. Lucent DHCP 5.4, Build 45 is the most current version of 5.4 supported. Lucent DHCP 5.5, Build 9 is delivered with VitalQIP 7.2. <p>Note: The Lucent DHCP 5.4 server includes support for the generation of new SNMP traps. Refer to the appropriate DHCP version documentation for more information.</p>

Hardware requirements

The following table lists the hardware requirements for SNMP Module 2.2.

Table 6.3 Hardware requirements

Component	Windows/Linux	UNIX
VitalQIP Remote Server	500 Mhz Pentium processor, or higher	300 Mhz processor
	256 MB memory, minimum	256 memory minimum per processor, more is strongly recommended
	300 MB of disk space	300 MB of disk space

Compatibility restrictions

SNMP 2.2 supports compatibility with VitalQIP 7.0, 7.1, or 7.2 remote servers for the following versions of DNS and DHCP:

- Lucent DNS 4.0 and 4.1
- Lucent DHCP 5.4 and DHCP 5.5



7 Installation and upgrade notes

Overview

Purpose

This chapter contains notes on installation of SNMP Module 2.2.

Contents

This chapter covers these topics.

Performing first-time installation	7-2
Pre-installation requirements	7-2

Performing first-time installation

For instructions on installing SNMP Module 2.2, refer to Chapter 2 of the *SNMP Module User's Guide*.

Pre-installation requirements

The following section contains pre-installation requirements for SNMP Module 2.2.

Ensure VitalQIP 7.x is Installed

SNMP Module 2.2 requires that VitalQIP 7.x remote server (DNS, DHCP, or both) be installed before installing SNMP Module 2.2. Instructions for installing VitalQIP 7.x are contained in the *VitalQIP Installation Guide*.

(UNIX ONLY) Set the Environment Variables

Before you install SNMP Module 2.2 on UNIX, the environment variables must be set. The VitalQIP environment variables will need to be set before you install SNMP Module 2.2. Environment variables and their values are stored in *\$QIPHOME/etc/shrc* or *\$QIPHOME/etc/cshrc*.