Scalable VN v2.6.2: Release Notes at 08 December 2011

These Release Notes give you information about Scalable VN v2.6.2, feature changes, known issues and possible workarounds for those issues.

System Requirements

- **Supported Operating System Minimum Revision Level**: Windows XP Professional SP3; Windows Vista Business SP2; Windows 7 Professional; Windows Server 2003; Windows Server 2008. Both 32-bit & 64-bit versions of all Operating Systems.
- **Processor**: 2 GHz Pentium processor or equivalent (Minimum); Pentium Duo processor or equivalent (Recommended)
- **RAM**: 1024 MB (Minimum); 4096 MB (Recommended)
- **Hard Disk**: Up to 1.5 GB of available space may be required

Installation Notes

Scalable VN v2.6.2 is an upgrade for Scalable Virtual Node v2.6.1 and Virtual Node v2.3. It should not be necessary to uninstall earlier versions of Scalable Virtual Node prior to installing this release but it is necessary to uninstall previous installations of Virtual Node.

Uninstalling Virtual Node

Uninstall Virtual Node by following the steps below:

1. Select Start > Control Panel > Add or Remove Programs.
2. From the list of currently installed programs, select “Virtual Node”, and click Remove.

This process does not remove the user files or any licence keys installed on the system.

Installing Scalable VN v2.6.2

1. Download the msi file from the Downloads page in Support at www.malden.co.uk.
2. Run the scalablevn.msi program. The setup program prompts you through the installation process. Follow the instructions on the screen.

Uninstalling Scalable VN

If required, you can uninstall Scalable VN by following the steps below:

1. Select Start > Control Panel > Add or Remove Programs.
2. From the list of currently installed programs, select “Scalable VN”, and click Remove.

This process does not remove the user files or any licence keys installed on the system.

Note: If using Scalable VN and MultiDSLA on the same PC then MultiDSLA must also be upgraded to a version 4.2.1 or above.

Bug Fix / Enhancements in v2.6.0

- Previously, if Scalable VN was placed behind a NAT you were required to specify the public IP address in the Network Settings dialog. Now it automatically discovers the existence of the NAT during the call setup and applies adjustments to its signalling flow if a NAT is found. This means you no longer need to configure NAT settings in VN.
- Post Dial Delay was incorrectly calculated if a 183 SESSION PROGRESS or 200OK is received without receiving a 180 RINGING message – this has been fixed.
- 32k sample rate support has been added
- Wait for Registration and Wait for Call Disconnect functions have been added to Scalable VN to improve the call progress analysis experience by ensuring we collect all messages from a SIP call before releasing the node.
- The Key Manager has been updated so that Scalable VN can be installed on the same PC as MultiDSLA v4.2.x.

Bug Fix / Enhancements in v2.6.1

- Scalable VN was considering SIP Registration to be unsuccessful if the SIP Server did not send any Authentication request.
- If the SIP Server was configured so that it is not in the RTP path then audio was sent to an incorrect IP Address in a VN to VN call.

Bug Fix / Enhancements in v2.6.2

- Problems could occur when encoding a-law or u-law frames if non multiples of 20ms were used. This has been fixed.
- To improve NAT support Scalable VN sends an OPTIONS message to discover the NAT IP address and port number before sending an INVITE. If a reply to the OPTIONS message was not received the call setup process would fail. Now if no reply is received, a call attempt is still attempted.
- The monitor dialog might not display the active nodes correctly. This is fixed.
- The network settings dialog could block you from changing the Control and Test Interface IP addresses. This blockage is now fixed.

Known Issues

- Scalable VN may have no RTP / audio if used with symmetric cone based NAT.