Sangoma Technologies Inc.

NetBorder Call Analyzer

Release Notes

Version 2.0.0
August 27, 2010

NetBorder Call Analyzer - Release Notes

1   Product Compatibility

Here are some of the major compatibility points.

1.1   Standard Edition

- Hardware Requirements:
    - Quad-core CPU
    - 1 GB of RAM (2 GB recommended)
    - 60 GB of available disk space
- Operating Systems Supported:
    - Microsoft® Windows XP
    - Microsoft® Windows 2003 Server (32 or 64 bit version, but NOT IA-64)
    - Microsoft® Windows 2008 Server (32 or 64 bit version, but NOT IA-64)
    - RedHat® Entreprise Linux 5.5 64-bit (x86_64)
    - CentOS 5.5 64 bit (x86_64)
- Operating System **NOT** supported:
    - IA-64 version of the above operating systems.
- SIP 3261 compliant endpoints using UDP as the transport protocol, DTMF relay as per RFC 2833.

2   Acquiring a License

NetBorder Call Analyzer is licensed on a per call analyzis port basis. The license is host locked. To obtain a **full license** (host-locked), obtain the *MAC (Media Access Control)* address of the system and use the Installation ID that came with the software to generate a license file. Please follow this URL:

- http://www.sangoma.com/support/register_netborder_software.html

To get the physical address of the Ethernet adapter, simply start a DOS command prompt and execute the following command: "ipconfig /all". Then look for the Physical Address item. It would look something like: 00-0B-DB-D8-06-00. On linux, the command is "ifconfig".

Please consult the user guide for more details.

3   Limitations and Known Problems

Here is the list of known problems and limitations.

3.1   NetBorder Call Analyzer Engine limitations

- A call placed within the first 30 seconds of service start-up may fail due to long initialization time of the application. (Ref. 3497)
- Silence suppression (VAD) is not supported during analysis period.
- Only G711 codecs are supported for the analysis phase. Other codecs may be used once the analysis is completed.
- ReINVITE from called party is not supported until analysis is completed. (Ref. 3391)

3.2   NetBorder Call Analyzer Service limitations

- SIP REFER is not supported (Ref. 876)
- TLS transport for SIP not supported (Ref. 879)
- Reception of SIP 3XX Redirects not supported (Ref. 952)
- Sending of Reliable Provisional Responses following RFC 3262 is not supported (Ref. 1513)

4   Changes Since Last Release

2.0.0

The following feature has been added for version 2.0.0 release:

- The detection of in-band telephony progress tones may now be perfomed in any country, based on configuration parameters and tones specification. Currently, more than 65 countries are pre-defined. Please refer to user guide for more information.

- The end of the greeting of an answering-machine may now be detected by NetBorder Call Analyzer to allow an application to leave a message at the appropriate time.

- New custom SIP headers are used to exchange more information with third party dialer applications.

The following limitations and problems were corrected :

- The various types of Special information tones (SIT) are all reported with a CPD-Result of 'Sit-Unknown'. (Ref. 3440)