

InfiniLinks Version 1.42

Release Notes v1.42

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INFINILINKS VERSION 1.4.2 RELEASE NOTES

This is release version 1.4.2 of the InfiniLinks software, a minor release fixing several bugs introduced in version 1.4.1 of the software.

Installation Notes

Similar to previous versions of the program, the Windows software comes in two InstallShield installation packages, one for the server software and one for the monitor and corresponding configuration tools. UNIX platform releases are sent as two tar archive files, one including updated binaries, and a second containing updated configuration files.

Due to a bug in the Windows installation programs, we recommend that previous versions of InfiniLinks be uninstalled prior to upgrading an existing installation. Although the InfiniLinks applications will behave properly if installed over an existing installation, it will result in multiple entries for the InfiniLinks Server and InfiniLinks Monitor applications in the Windows Add/Remove software application. Removing these duplicate entries will require manually editing the registry. Uninstalling a previous version will not delete any existing queue files and will preserve the changes to your server.ini file. As always, however, we recommend backing up your entire InfiniLinks directory prior to performing any upgrade.

For UNIX platforms, extract the contents of the binary tar file over the existing files in your INFINILINKS_ROOT/bin directory. Extract the contents of the config tar file into your INFINILINKS_ROOT/config directory. This will overwrite all of your standard initialization files except your server.ini config file. A new file will also be inserted into your config directory called strings.ini. Open the strings.ini file and copy and paste the contents of this file over the strings section of the server.ini file. This will update the error messages within the server.ini file.

This is the last time UNIX users will need to manually update the strings section of the server.ini. Changes to the algorithm for handling error messages will eliminate the need to perform these steps after version 2.0 is released.

A final warning for users who may have made changes to their interp.ini config file: this process will overwrite any changes you have made to your interp.ini file. It is recommended that you manually add any changes back in to the [ParseValues] section of interp.ini.

Bug Fixes

The following bug fixes were made to the InfiniLinks Monitor:

- **(00001235) – Last Message/View Message commands work intermittently** – A bug was discovered that prevented the ‘View Message’ and ‘Last Message’ commands from working properly. Clicking on the commands resulted in the Monitor sending the appropriate request to the server, but the Monitor did not display the results of the screen. The bug made it appear that clicking on these commands had no effect. The issue has been resolved.

The following bug fixes were made to the MDL module of the InfiniLinks server:

- **(00001232) – MDL parser synchronization bug caused messages with repeating NTE segments to be rejected** – A bug in the synchronization code of the MDL parser caused messages with multiple NTE segments to be improperly sent to the error log file. The parser did not reset properly if an HL7 segment was not fully defined within the MDL script. The parser would not correctly

determine the start of the next segment and would incorrectly think that the next segment was part of the current segment. The issue has been fixed.

- **(00001238) – MDL parser generates access violation that causes server to crash** – The server would crash due to an access violation if the MDL subsystem processed a message with segments that weren't fully defined in the MDL script. The error would only occur if the segment contained fields with component values in them. The MDL subsystem was attempting to check the value of a NULL node object. The problem is fixed.

The following bug fixes have been made to the CDL module of the InfiniLinks server:

- **(00001228) – Communications component locks up after shutdown request sent from Monitor** – The response to a TAP_DATA_COMPLETE module would occasionally be processed by the wrong thread, causing the second thread to wait forever (or what seemed like forever) for an acknowledgment that had already arrived. This bug manifested itself usually when a shutdown request was made from the Monitor, causing the communications client to lock up and forcing the user to kill the process. This bug only affects outbound communications components. The issue has been fixed.
- **(00001228) – Communications component stops processing messages and remains idle** – The communications component stopped processing all messages. It appears that the communications component would stop processing messages because it was waiting for an acknowledgment from the server that it never processed. It is unclear whether the problem occurred because the request was never received by the server, the server never sent the acknowledgment, or if the component itself failed to process the acknowledgment. This defect affects all platforms of InfiniLinks. The issue has been fixed.

Known Issues

The following issues with the CDL sub-module are still pending resolution at the time the software was released:

- **(00001242) File-based component reads NULL message from file** – Under unknown circumstances, the RECEIVEDATA command, when reading data from a file, will occasionally return TRUE with a value of NULL placed in argument 1. If this value is sent to the server, the communications component will automatically shut down, due to the way the SENDSERVER command has been modified. A workaround for this problem exists. Contact technical support if you encounter the issue. The issue will be resolved in version 2.03.

Documentation

No modifications to the help files or end-user documentation have been made at this time.