New Feature   Enhancement/Upgrade   Fix

10521 All tools have been updated to use **Java 1.8.0_60** to keep up with the latest Java enhancements, including security improvements. Java Runtime is bundled with the installer.

10685 With release 52, we are starting to implement the changes for G2S 3.0 on a chapter-by-chapter basis. In this release, we implemented the changes for Chapters 1 and 2.

As we implement G2S 3.0, some classes, commands and attributes will be deprecated.

- When a class is deprecated, the tool will no longer respond and will send **G2S_APX007 Class Not Supported** error.

- When a command has been deprecated, the tool will no longer respond and will send a **G2S_APX008 Command Not Supported** error.

Once an attribute has been deprecated, RPA will no longer implement the logic associated with the attribute or send the attribute in the XML. However, the command view in the transcript will show the attribute and indicate that it has been deprecated.

Our philosophy is to alert users to G2S 3.0 changes as early as possible. Code that is dependent on G2S 2.1 features should break so that fixes can be implemented.

10688 Communication channels (Chapter 2) have been updated for G2S 3.0.

The following items were removed from RPA:

- **useDefaultConfig** and **multicastSupported** attributes from the **commsProfile** command

- **getNamespaceList/namespaceList** commands

- **closeComms/closeCommsAck** commands

- **getClassDescriptors/classDescriptorList** commands

- **negotiateNamespace**, **deviceStateChanged** and **deviceAccessChanged** attributes in **commsOnLine** command

- **configDateTime** attribute in **commsStatus**, **commsProfile** and **descriptorList** commands

- **includeActive** and **includeInactive** attributes in **getDescriptor** command

- removed content from **G2S_CME005** and **G2S_CME006**

- **underlyingTransportState** and **derivedTransportState** attributes in **commsStatus**

- **listStateDateTime** attribute in **descriptorList** commands

- **`G2S_CME130`** - **`G2S_CME141`** events

- **`G2S_CMX011`** error

The following item was added to RPA:

Error code **`G2S_CMX012`** was added for invalid class or devices in the **`getDescriptor`** command

10710   Added a firewall entry to the installer that allows incoming network connections. Note that the firewall entry is not added for installations in different directories.

10723   Improved transcript display by removing the overlay message indicating that real-time updates are disabled. When real-time updates are disabled, the user interface will display the option in red text.

10796   Changed default schema from G2S 2.1 to G2S 3.0. Previously, RPA was attempting to load G2S 2.1, which generated an error when selecting the schema used to validate messages.

Release Date: 09 September 2015

Release Summary

In this release of the RadBlue Protocol Analyzer, we made the following improvements:

- **Upgraded to G2S 3.0** – The RPA now uses a backwards compatible G2S 3.0 schema by default. We've done extensive testing to ensure that the tool continues to work with all G2S and S2S implementations, but please let us know if you encounter any issues and we'll get them resolved without delay.

- **Added Transcript support for the Employee and dft Classes** – The Transcript in the RPA now supports all commands in the G2S employee and dft classes. The best view of the employee session meter deltas can be found in the `employeeSessionEnd` command view.

If you have any ideas for improvement that we may have missed, or find something that isn't working quite right, just let us know at support@radblue.com, and we'll take care of it right away.

Release Date: 03 June 2015

Release Summary

In this release of the RadBlue Protocol Analyzer, we made the following improvements:

- **Updated our tools to use Java 1.7.0_76** – To keep reasonably close to the leading edge of Java development, we've moved our tools to version 1.7.0_76 of Java (we're not quite ready to make the leap to Java 8). This way, we take advantage of functional and security improvements that are made in the latest versions.

- **Java installer is now bundled with the RadBlue tool installer** – The installer for the requisite version of Java is now included with the RadBlue tool installer. This makes the RadBlue installer a bit larger, but should delight those who are installing on computers that are not connected to the public Internet.

- **Transcript Improvements** – Several improvements were made to the SOAP, G2S, and S2S transcripts (see below for details).

If you have any ideas for improvement that we may have missed, or find something that isn't working quite right, just let us know at support@radblue.com, and we'll take care of it without delay.

Transcript Modifications

- **New "Content Encoding" column on the SOAP Transcript** – A new **Content Encoding** column was added to the SOAP transcript, and indicates how a G2S message is encoded (for now, it is blank or indicates **gzip**). This is a quick way of determining the compression being used on each G2S communication channel.

- **G2S Transcript Message Viewer buttons not working** – The new Maximize/Restore code added in a recent release caused the **g2sAck**, **REQ-RESP**, and **Transport Message** buttons to stop working. These are used to easily see a message related to the one being displayed, and are now working again.

- **S2S Transcript Viewer Content View is now in color** – Color coding has been added to the Transcript Message Viewer in the RSS (it's now the default view). Three different viewing options are provided:

Content View – Color-coded XML for easy reading

Text View – unformatted display, in case you prefer a clean view

Hex View – when you need to know exactly what that blank space contains…

Release Date: 11 March 2015

Release Summary

The RPA seems to be working just great these days, so there was no need to do any modifications in this release. We're putting out a Version 46 to keep all of the tool versions in synch.

If you have any ideas for improvement that we may have missed, or find something that isn't working quite right, just let us know at support@radblue.com, and we'll get on it without delay.