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28 JUL 2014

**MIME .EML Files**

There are [5 main encoding schemes](http://en.wikipedia.org/wiki/MIME#Content-Transfer-Encoding) that people use in MIME. I have created 5 different, real EML files that utilize each of these different encoding schemes. I created another file that implemented [Encoded-word](http://en.wikipedia.org/wiki/MIME#Encoded-Word) encoding. I also created an EML file labeled “rfc822.eml” that tested the email, base64, GPS, and EXIF scanner. (Any one of the files below opens with Outlook). Below is a description of each I created and the main things contained within each of them.

1. 7bit.eml
   1. There is an *attachment* within this EML file. Specifically, I have attached a **7bit** encoded TXT file. Within this TXT file *attachment,* there are two emails. The emails that were encoded in the **7bit** format are the following:
      1. 7bit@7bit.com
      2. [null@null.com](mailto:null@null.com)
2. 8bit.eml
   1. There is an *attachment* within this EML file. Specifically, I have attached a **8bit** encoded TXT file. Within this TXT file *attachment,* there are two emails, (as well as some other [arbitrary text](http://www.blindtextgenerator.com/ru) that BE shouldn’t pick up). The emails that were encoded in the **8bit** format are the following
      1. ¡Hola@señor.com
      2. [Hola@senor.com](mailto:Hola@senor.com)
3. quoted-printabl.eml
   1. There is an *attachment* within this EML file. Specifically, I have attached a **quoted-printable** encoded TXT file. Within this TXT file *attachment,* there are two emails, (as well as some other [arbitrary text](http://www.blindtextgenerator.com/es) that BE shouldn’t pick up). The emails that were encoded in the **quoted-printable** format are the following
      1. ¡Hola@señor.com
      2. [Hola@senor.com](mailto:Hola@senor.com)
4. base64.eml
   1. The *subject* of a MIME email [may be](http://en.wikipedia.org/wiki/MIME#Encoded-Word) encoded in Base64. The *subject* of this base64.eml file contains the following base64 encoded emails:
      1. ¡Hola@señor.com
      2. [Hola@senor.com](mailto:Hola@senor.com)
   2. I’ve included two different JPEGS in base64.eml containing GPS metadata.
      1. One JPEG is attached
      2. One in the body of the MIME file
5. Qencoding.eml
   1. Since RFC 2822, conforming message header names and values should be ASCII characters; values that contain non-ASCII data should use the MIME encoded-word syntax.
   2. This file contains an email address, (¡Hola@señor.com) that is encoded in Q-encoding
6. RFC822.eml
   1. I encoded the body of the message in HTML. The following are included within the body
      1. I used the standard Base64 transfer encoding convention for MIME (RFC 2045) to encode a JPEG. [This](http://opanda.com/en/images/s_gps.jpg) JPEG contained GPS exif data. [More info](http://en.wikipedia.org/wiki/Base64#Implementations_and_history)
      2. Within this body, there are many different emails embedded in different ways.
   2. I included two attachments, both encoded in Base64. The following files were attached
      1. A [JPEG](http://opanda.com/en/images/s_gps.jpg) containing GPS metadata
      2. An ASCII txt file containing an email
7. Binary.eml
   1. Unable to create a legitimate binary file with text. Nothing included.