



## **Mobile Digital Evidence Test No. 17-5550 Summary Report**

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This proficiency test was sent to 105 participants. Participants were provided with data yielded from a physical extraction of a smart phone. They were asked to analyze the sample and answer scenario based questions utilizing their own tools and methods. Data was returned from 80 participants (76% response rate) and are compiled in the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

# Manufacturer's Information

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The Mobile Digital Evidence sample set consisted of data acquired from a smart phone in .BIN and .DD file formats. Participants were asked to examine the extracted data pertaining to a simulated scenario utilizing their own software and methods.

## SAMPLE PREPARATION:

The phone data was generated following a scripted scenario based upon a phone that was recovered at the scene of a crime. The script was planned and executed during the week of February 27, 2017. An LG MS428 K10 smart phone was used to perform the scripted activities to generate the intended artifacts.

The phone data was acquired through a physical extraction of the LG MS428 K10 smart phone utilizing Cellebrite software. Following sample validation, the phone data was converted into .BIN and .DD compressed archive files. These files were uploaded to the CTS portal for participants to download. MD5 and SHA-1 algorithms were run on the compressed archives to generate unique hash values to allow participants to validate the successful download of the files.

## SAMPLE VALIDATION/VERIFICATION:

The validation stage consisted of the examination of the phone data utilizing various software to ensure expected results could be achieved. Laboratories that conducted predistribution results of the sample data reported consistent results.

PLEASE NOTE: Questions marked with asterisks (\*\*) did not show a clear consensus during preliminary review of the participants' responses. Further information and discussion will be available in the final report.

## SCENARIO PROVIDED TO PARTICIPANTS

On March 3, 2017, a witness found a body at Bull Run Regional Park in Centerville, Virginia and notified local police. Upon their arrival, police identified the body to be Nicole Cooper who was reported as missing. While investigating the area, police discovered an abandoned LG MS428 K10 smart phone that was collected for evidence. After logging the phone into evidence, a physical image of the smart phone was created. You have been tasked with analyzing the physical image of the smart phone utilizing your own tools and methods to determine if this device has relevance to the investigation.

## **Manufacturer's Information, continued**

| <b><u>Question</u></b> | <b><u>Manufacturer's Expected Response</u></b>  |
|------------------------|---|
| 1                      | <p><b><u>Provide the MD5 hash value for the decompressed image file.</u></b></p> <p><i>6c17d83b5134cdb5f069db9104658a41</i></p>   |
| 2                      | <p><b><u>Provide the SHA1 (base 16) hash value for the decompressed image file.</u></b></p> <p><i>10abbf12a9d47fc6f608da9336d7b97c2e1ed08a</i></p>  |
| 3                      | <p><b><u>What is the phone number associated with this device?</u></b></p> <p><i>571-758-0731</i></p>   |
| 4                      | <p><b><u>Which phone vendor is associated with this device?</u></b></p> <p><i>MetroPCS</i></p>  |
| 5                      | <p><b><u>What is the set time zone for this device?</u></b></p> <p><i>America/New_York</i></p>  |
| 6                      | <p><b><u>Provide the city/state this device was set to per the LG weather services database.</u></b></p> <p><i>Herndon/Virginia</i></p>   |
| 7                      | <p><b><u>What is the Google e-mail account associated with this device?</u></b></p> <p><i>bencooper1381@gmail.com</i></p>   |
| 8                      | <p><b><u>As per the Bluetooth configuration file, this device was connected to a vehicle. Provide the vehicle name this device was connected to as mentioned in this file.</u></b></p> <p><i>Santa Fe Sport</i></p>                             |
| 9                      | <p><b><u>As per the Bluetooth configuration file, provide the EPOCH timestamp value for when this device first connected to the vehicle.</u></b></p> <p><i>1488393923</i></p>   |
| 10                     | <p><b><u>Convert the EPOCH timestamp value of when this device first connected to the vehicle in USA/Canada Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.</u></b></p> <p><i>3/1/2017, 1:45:23 PM</i></p> |
| 11                     | <p><b><u>How many wireless networks was this device connected to?</u></b></p> <p><i>Three (3)</i></p>   |
| 12                     | <p><b><u>What is the PSK (password) value for the B21-Guest network?</u></b></p> <p><i>bwireless</i></p>  |
| 13                     | <p><b><u>What terms were searched in the Google Play Store?</u></b></p> <p><i>pof, facebook messenger</i></p>   |
| 14                     | <p><b><u>What third-party application was downloaded first on this device?</u></b></p> <p><i>PoF Free Dating App</i></p>  |

## Manufacturer's Information, continued

| <u>Question</u>  | <u>Manufacturer's Expected Response</u>   |
|--|---|
| 15 <u>What is the package_name for the Waze Application?</u>   | <i>com.waze</i>   |
| 16 <u>Provide the POF Free Dating Application username associated with this device.</u>  | <i>bcooper1381</i>  |
| 17 <u>Via the POF Free Dating Application, provide the username whose sender_profile_id is 139693337.</u>  | <i>laurelmurray</i>   |
| 18** <u>How many URLs were visited in Chrome?</u>  | <i>Twelve (12)</i>  |
| 19 <u>What is the title of the last website visited in Google Chrome?</u>  | <i>10 Ways To Dispose Of A Dead Body (If You Really Needed To)</i>                                    |
| 20 <u>How many calendar events are listed on this device?</u>  | <i>Four (4)</i>   |
| 21 <u>Provide the calendar event names listed in the calendar database.</u>  | <i>Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg</i> |
| 22 <u>What are the memos (names) of the alarms that were named?</u>  | <i>Wake up for work, Feed Jack</i>  |
| 23 <u>How many locations were visited via Waze?</u>  | <i>Three (3)</i>  |
| 24 <u>Provide the location names visited via Waze from the "Recents" table.</u>  | <i>Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park</i>              |
| 25 <u>Provide the name of the last location this device traveled to via Waze from the "Recents" table.</u>   | <i>Bull Run Regional Park</i>   |
| 26 <u>Provide the EPOCH timestamp value for the last location visited in Waze.</u>   | <i>1488554764</i>   |
| 27 <u>Convert the EPOCH timestamp value of the last location in Waze was visited in US/Canada Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.</u> | <i>3/3/2017, 10:26:04 AM</i>  |
| 28 <u>Provide the coordinates for the last location this device traveled to via Waze. Answer must be recorded as (Latitude, Longitude).</u>  | <i>(38802055, -77491301)</i>  |

## Manufacturer's Information, continued

| <u>Question</u>   | <u>Manufacturer's Expected Response</u>         |
|---|---|
| 29 <u>How many MMS messages were sent to this device?</u>   | <i>Two (2)</i>                                  |
| 30 <u>What is the contact name for 202-749-9211?</u>  | <i>Laurel Murray</i>                            |
| 31 <u>How many outgoing phone calls are to 202-749-9211 which lasted greater than 1 minute?</u>   | <i>Two (2)</i>                                  |
| 32 <u>How many voicemails are from 202-749-9211?</u>  | <i>Four (4)</i>                                 |
| 33 <u>Provide the EPOCH timestamp value of when the first voicemail was received on this device.</u>  | <i>1488288430000</i>                            |
| 34 <u>Convert the EPOCH timestamp value of when the first voicemail was received on this device in US/Eastern Standard time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.</u>               | <i>2/28/2017, 8:27:10 AM</i>                    |
| 35 <u>How many SMS messages are FROM 202-749-9211?</u>  | <i>Fourteen (14)</i>                            |
| 36 <u>How many SMS messages were SENT to 202-749-9211?</u>  | <i>Fifteen (15)</i>                             |
| 37 <u>Provide the body of the SMS message for the EPOCH time stamp value of 1488472825463.</u>  | <i>A hammer, duct tape, and a tarp.</i>         |
| 38** <u>An MMS message was received from 202-749-9211 with a receipt for the purchased items. What is the date and time on the receipt of when these items were purchased? Report date and time exactly as shown.</u> | <i>03/02/17 01:58 PM</i>                        |
| 39 <u>What is the name of the attachment sent in the MMS message which contained the receipt of the purchased items?</u>  | <i>image000000(1).jpg</i>                       |
| 40 <u>What is the body of the last SMS message RECEIVED from 202-749-9211?</u>  | <i>But Ben, you're going to end up in jail!</i> |
| 41 <u>What is the EPOCH timestamp value of the last SMS message SENT to 202-749-9211?</u>   | <i>1488557347348</i>                            |

## **Manufacturer's Information, continued**

| <b><u>Question</u></b>   | <b><u>Manufacturer's Expected Response</u></b>   |
|--|--|
| 42 <u>Convert the EPOCH timestamp value of the last SMS message SENT to 202-749-9211 in US/Canada Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.</u> | <i>3/3/2017, 11:09:07 AM</i>   |
| 43 <u>What is the body of the last SMS message SENT to 202-749-9211?</u>   | <i>No I'm not! I know what I'm doing!</i>  |
| 44 <u>How many e-mails were received from nicolecooper23@aol.com?</u>  | <i>Eight (8)</i>   |
| 45 <u>How many e-mails were sent to nicolecooper23@aol.com? Do NOT include e-mails that were deleted.</u>  | <i>Eight (8)</i>   |
| 46 <u>Provide the subject field of the first received e-mail from nicolecooper23@aol.com on March 2, 2017.</u>   | <i>Divorce</i>   |
| 47 <u>Provide the EPOCH timestamp value for the last e-mail sent to nicolecooper23@aol.com.</u>  | <i>1488487973000</i>   |
| 48 <u>Convert the EPOCH timestamp value for the last e-mail sent to nicolecooper23@aol.com in US/Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.</u>  | <i>3/2/2017, 3:52:53 PM</i>  |
| 49 <u>What is the subject field of the last e-mail sent to nicolecooper23@aol.com?</u>   | <i>Talk tomorrow</i>   |
| 50 <u>What is the body of the last e-mail sent to nicolecooper23@aol.com?</u>  | <i>Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben</i> |
| 51 <u>At the conclusion of your analysis, who does this device belong to?</u>  | <i>Ben Cooper</i>  |
| 52 <u>Does this device have relevance to the investigation? (Yes/No)</u>   | <i>Yes</i>   |

## Summary Comments

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The purpose of this Mobile Digital Forensics Test is to allow participants to evaluate their proficiency in analyzing digital artifacts using their own tools and methods. The participants were provided with a scripted scenario, the data extracted from a smart phone in .BIN and .DD file formats, and a series of questions related to the extracted data. (See Manufacturer's Information for preparation details, test scenario, and test questions.)

The participants were requested to analyze various digital artifacts including: image details, phone and network settings, applications, communications, web browser history, and Geo-Location information.

Consensus was achieved on a majority of the test questions. Question 18 did not reach a true consensus because multiple responses were accepted due to the ambiguity of the question. This question dealt with the number of URLs visited in Chrome. Question 38 did not achieve a consensus due to the varying response formats reported. This question was based on a MMS message containing a .jpg image and participants were asked to state the date and time exactly as shown on the image.

The test results and feedback obtained from the participants show that this test has improved over previous versions. However, challenges pertaining to the clarity of the questions and the response format specificity will continue to be present. At CTS, we will continue to improve certain aspects of the test to help produce more consistent responses from participants.

# Digital Evidence Responses

TABLE 1

**Question 1 Image Details**

Question 1: Provide the MD5 hash value for the decompressed image file.

**Manufacturer's Expected Response:** 6c17d83b5134cdb5f069db9104658a41

| WebCode | Response                            |
|---------|-------------------------------------|
| 3YME8V  | 6C17D83B5134CDB5F069DB9104658A41    |
| 4D2G3Y  | 6C17D83B5134CDB5F069DB9104658A41    |
| 64W7DD  | 6c17d83b5134cdb5f069db9104658a41    |
| 68TVUL  | 6c17d83b5134cdb5f069db9104658a41    |
| 6NG98D  | 6c17d83b5134cdb5f069db9104658a41    |
| 7MPGZU  | 6c17d83b5134cdb5f069db9104658a41    |
| 8AEVW   | 6C17D83B5134CDB5F069DB9104658A41    |
| 8H3CEM  | 6c17d83b5134cdb5f069db9104658a41    |
| 97NRER  | 6c17d83b5134cdb5f069db9104658a41    |
| 98HMTM  | 6C17D83B5134CDB5F069DB9104658A41    |
| 9RABMP  | 6c17d83b5134cdb5f069db9104658a41    |
| 9TFVBP  | 6c17d83b5134cdb5f069db9104658a41    |
| 9V63VL  | 6C17D83B5134CDB5F069DB9104658A41    |
| 9VLGYP  | 1. 6c17d83b5134cdb5f069db9104658a41 |
| A6RHYF  | 6c17d83b5134cdb5f069db9104658a41    |
| AD36NA  | 6c17d83b5134cdb5f069db9104658a41    |
| AHXWV8  | A42D350C71135BBC3B903A48D772FA68    |
| AV2ZJL  | 6c17d83b5134cdb5f069db9104658a41    |
| B4Q8GH  | 6c17d83b5134cdb5f069db9104658a41    |
| BC8JUJ  | 6C17D83B5134CDB5F069DB9104658A41    |
| BQ8KA7  | 6c17d83b5134cdb5f069db9104658a41    |
| BTXG6Q  | 6C17D83B5134CDB5F069DB9104658A41    |
| C2XB4H  | 6c17d83b5134cdb5f069db9104658a41    |
| C48JW3  | 6c17d83b5134cdb5f069db9104658a41    |
| CMJ99E  | 6c17d83b5134cdb5f069db9104658a41    |
| D7CNUM  | 6c17d83b5134cdb5f069db9104658a41    |
| D83RG3  | 6c17d83b5134cdb5f069db9104658a41    |
| DKW4WM  | 6c17d82b5134cdb5f069db9104658a41    |
| EBG8GN  | 6c17d83b5134cdb5f069db9104658a41    |
| EPJBUL  | 6C17D83B5134CDB5F069DB9104658A41    |
| ERPVHL  | 6c17d83b5134cdb5f069db9104658a41    |
| EV8VZM  | 6C17D83B5134CDB5F069DB9104658A41    |
| EXUKE9  | 6c17d83b5134cdb5f069db9104658a41    |
| FXTZ9K  | 6c17d83b5134cdb5f069db9104658a41    |
| G7Z2ZY  | 6c17d83b5134cdb5f069db9104658a41    |
| HBQEBL  | 6c17d83b5134cdb5f069db9104658a41    |



TABLE 1

| Question 1 Image Details |  |
|--------------------------|--|
| WebCode                  | Response   |
| J3RRLY                   | 6c17d83b5134cdb5f069db9104658a41                         |
| JCFLXV                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| JWZK26                   | 6c17d83b5134cdb5f069db9104658a41                         |
| KPGGU3                   | 6c17d83b5134cdb5f069db9104658a41                         |
| KXDJXF                   | 6C17D83B5134CDB5F069D89104658A41                         |
| L4YN7T                   | 6c17d83b5134cdb5f069db9104658a41                         |
| LBHWT6                   | 6c17d83b5134cdb5f069db9104658a41                         |
| LDKV4X                   | 6c17d83b5134cdb5f069db9104658a41                         |
| LHU9JB                   | 6c17d83b5134cdb5f069db9104658a41                         |
| LWWHP6                   | 6c17d83b5134cdb5f069db9104658a41                         |
| M6LPM2                   | 6c17d83b5134cdb5f069db9104658a41                         |
| M8QFRV                   | 6c17d83b5134cdb5f069db9104658a41                         |
| MDK6GF                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| MEC94V                   | 6c17d83b5134cdb5f069db9104658a41                         |
| MTQEC9                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| N3FNZA                   | 6c17d83b5134cdb5f069db9104658a41                         |
| NLQEER                   | 6c17d83b5134cdb5f069db9104658a41                         |
| P6YXN2                   | 6c17d83b5134cdb5f069db9104658a41                         |
| PDR9YW                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| PKPZ66                   | 6c17d83b5134cdb5f069db9104658a41                         |
| PL7B3C                   | 6C17D83B5134CFDB5F069DB9104658A41                        |
| PPMK9N                   | The MD5 hash value is: 6c17d83b5134cdb5f069db9104658a41. |
| QDP28N                   | 6c17d83b5134cdb5f069db9104658a41                         |
| QW2T96                   | 6c17d83b5134cdb5f069db9104658a41                         |
| QWX47T                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| R99V9T                   | 6c17d83b5134cdb5f069db9104658a41                         |
| RDLXVN                   | 6c17d83b5134cdb5f069db9104658a41                         |
| RNKCFV                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| RNZTBN                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| RVW9UB                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| RYLWF3                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| TGWQJ3                   | 6c17d83b5134cdb5f069db9104658a41                         |
| UGD3X2                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| ULC8H7                   | 6C17D83B5134DB5F069DB9104658A41                          |
| VQY8AP                   | 6C17D83B5134CDB5F069DB9104658A41                         |
| W7KA6J                   | 6c17d83b5134cdb5f069db9104658a41                         |
| WGP3WY                   | 6c17d83b5134cdb5f069db9104658a41                         |
| WV8Q9H                   | 6c17d83b5134cdb5f069db9104658a41                         |
| X3GET4                   | 6C17D83B5134CDB5F069DB9104658A41                         |

TABLE 1

| Question 1 Image Details |                                  |
|--------------------------|----------------------------------|
| WebCode                  | Response                         |
| XEG8Q2                   | 13dccb8819f44da4fc42b7f474b9ebac |
| YM7FNW                   | 6C17D83B5134CDB5F069DB9104658A41 |
| Z7ZDQP                   | 6c17d83b5134cdb5f069db9104658a41 |
| ZJ2ALW                   | 6C17D83B5134CDB5F069DB9104658A41 |
| ZVDCAE                   | 6C17D83B5134CDB5F069DB9104658A41 |

**Consensus Result:** 6c17d83b5134cdb5f069db9104658a41

**Expected Response Explanation:**

This hash value can be achieved by extracting the sample image file from the provided ZIP folder and running an MD5 hashing algorithm on the file.

**Screen Shot:**

MD5 Hash Value:

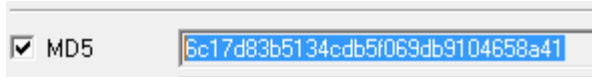


TABLE 1

**Question 2 Image Details**

**Question 2: Provide the SHA1 (base 16) hash value for the decompressed image file.**

**Manufacturer's Expected Response:** 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a

| WebCode | Response                                    |
|---------|---|
| 3YME8V  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| 4D2G3Y  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| 64W7DD  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 68TVUL  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 6NG98D  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 7MPGZU  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 8AEEVV  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| 8H3CEM  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 97NRER  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 98HMTM  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| 9RABMP  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 9TFVBP  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| 9V63VL  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| 9VLGYP  | 2. 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a |
| A6RHYP  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| AD36NA  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| AHXWV8  | A8EE1C4806D643D822D4AC89D6B818B7F2283228    |
| AV2ZJL  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| B4Q8GH  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| BC8JUJ  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| BQ8KA7  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| BTXG6Q  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| C2XB4H  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| C48JW3  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| CMJ99E  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| D7CNUM  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| D83RG3  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| DKW4WM  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| EBG8GN  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| EPJBUL  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| ERPVHL  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| EV8VZM  | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| EXUKE9  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| FXTZ9K  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| G7Z2ZY  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| HBQEBL  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| J3RRLY  | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |

TABLE 1

| Question 2 Image Details |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| JWZK26                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| KPGGU3                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| KXDJXF                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| L4YN7T                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| LBHWT6                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| LDKV4X                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| LHU9JB                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| LWWHP6                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| M6LPM2                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| M8QFRV                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| MDK6GF                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| MEC94V                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| MTQEC9                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| N3FNZA                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| NLQEER                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| P6YXN2                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| PDR9YW                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| PKPZ66                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| PL7B3C                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| PPMK9N                   | The SHA1 hash value is: 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a. |
| QDP28N                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| QW2T96                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| QWX47T                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| R99V9T                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| RDLXVN                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| RNKCFV                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| RNZTBN                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| RVW9UB                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| RYLWF3                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| TGWQJ3                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| UGD3X2                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| ULC8H7                   | 10ABBF12AD47FC6F608DA9336D7B97C2E1ED08A                           |
| VQY8AP                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| W7KA6J                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| WGP3WY                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| WV8Q9H                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a                          |
| X3GET4                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A                          |
| XEG8Q2                   | 7289ea612f0250d4dc4cb601a014707363a4b3df                          |

TABLE 1

| Question 2 Image Details |   |
|--------------------------|---|
| WebCode                  | Response                                    |
| YM7FNW                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| Z7ZDQP                   | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a    |
| ZJ2ALW                   | 10ABBF12A9D47FC6F608DA9336D7B97C2E1ED08A    |
| ZVDCAE                   | 10ABBF12A9D47FC6F608DA9336D7B97B97C2E1ED08A |

**Consensus Result:** 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a

**Expected Response Explanation:**

This hash value can be achieved by extracting the sample image file from the provided ZIP folder and running a SHA1 hashing algorithm on the file.

**Screen Shot:**

SHA1 Hash Value:

|  |  |
|--|--|
| <input checked="" type="checkbox"/> SHA1 | 10abbf12a9d47fc6f608da9336d7b97c2e1ed08a |
|--|--|

TABLE 1

**Question 3 Phone Settings**

**Question 3: What is the phone number associated with this device?**

**Manufacturer's Expected Response:** 571-758-0731

| WebCode | Response   |
|---------|--|
| 3YME8V  | Don't have phone number but found iccid of sim cards. But we found phone number to deleted is "+18056377243".  |
| 4D2G3Y  | 571-758-0731   |
| 64W7DD  | 571-758-0731   |
| 68TVUL  | 5717580731   |
| 6NG98D  | +15717580731   |
| 7MPGZU  | 571-758-0731   |
| 8AEEVW  |  |
| 8H3CEM  | 5717580731   |
| 97NRER  | 1-571-758-0731   |
| 98HMTM  | 5717580731   |
| 9RABMP  | 5717580731   |
| 9TFVBP  | 571-758-0731   |
| 9V63VL  | 5717580731   |
| 9VLGYP  | 571-758-0731   |
| A6RHYF  |  |
| AD36NA  | 5717580731   |
| AHXWV8  | +12027499211   |
| AV2ZJL  | 5717580731   |
| B4Q8GH  | Not available Sim info : ICCID: 8901260322931875433; Name: CARD 1  |
| BC8JUJ  | 5717580731   |
| BQ8KA7  | 571-758-0731   |
| BTXG6Q  | 5717580731   |
| C2XB4H  | 571-758-0731   |
| C48JW3  | 15717580731  |
| CMJ99E  | A number explicitly reported as the "phone number" was not located. 5717580731 appears to be the phone number for the device since it is associated with its MMS Service Type. Additionally, MMS messages received by this device lists this number. The voice message database on this device also lists this number. |
| D7CNUM  | (571) 758-0731   |
| D83RG3  | 571-758-0731   |
| DKW4WM  | 5717580731   |
| EBG8GN  | +12027499211 (5717580731@vms.eng.t.mobile.com.db)  |
| EPJBUL  | 571-758-0731   |
| ERPVHL  | 571-758-0731   |
| EV8VZM  | 5717580731   |
| EXUKE9  | 571-758-0731   |
| FXTZ9K  | 571 758 0731   |

TABLE 1

| Question 3 Phone Settings |   |
|---------------------------|---|
| WebCode                   | Response                                      |
| G7Z2ZY                    | 571-434-1925                                  |
| HBQEBL                    | 5717580731                                    |
| J3RRLY                    | +1 5717580731                                 |
| JCFLXV                    | 5717580731                                    |
| JWZK26                    | 15717580731                                   |
| KPGGU3                    | 571-758-0731                                  |
| KXDJXF                    | 571-758-0731                                  |
| L4YN7T                    | 571-758-0731                                  |
| LBHWT6                    | 5717580731 (from msisdn of 5717580731.xml)    |
| LDKV4X                    | 571-758-0731                                  |
| LHU9JB                    | 5717580731                                    |
| LWWHP6                    | 1(206)313-0057                                |
| M6LPM2                    | 5717580731                                    |
| M8QFRV                    | 5717580731                                    |
| MDK6GF                    | 5717580731                                    |
| MEC94V                    | +1 5717580731                                 |
| MTQEC9                    | +15717580731                                  |
| N3FNZA                    | 571-758-0731                                  |
| NLQEER                    | 5717580731                                    |
| P6YXN2                    | 571 758 0731                                  |
| PDR9YW                    | unknown                                       |
| PKPZ66                    | 5717580731                                    |
| PL7B3C                    | 5717580731                                    |
| PPMK9N                    | The associated phone number is: 571-758-0731. |
| QDP28N                    | 571-758-0731                                  |
| QW2T96                    | 571-758-0731                                  |
| QWX47T                    | 5717580731                                    |
| R99V9T                    | 5717580731                                    |
| RDLXVN                    | 5717580731                                    |
| RNKCFV                    | 5717580731                                    |
| RNZTBN                    | 5717580731                                    |
| RVW9UB                    | 5717580731                                    |
| RYLWF3                    | 5717580731                                    |
| TGWQJ3                    | 15717580731                                   |
| UGD3X2                    | 5717580731                                    |
| ULC8H7                    | 5717580731                                    |
| VQY8AP                    | (571) 758-0731                                |
| W7KA6J                    | 571-758-0731                                  |
| WGP3WY                    | 5717580731                                    |

TABLE 1

| Question 3 Phone Settings |                |
|---------------------------|----------------|
| WebCode                   | Response       |
| WV8Q9H                    | +15717580731   |
| X3GET4                    | +15717580731   |
| XEG8Q2                    | 805-637-7243   |
| YM7FNW                    | 5717580731     |
| Z7ZDQP                    | 5717580731     |
| ZJ2ALW                    | 5717580731     |
| ZVDCAE                    | (571) 758-0731 |

**Consensus Result:** 571-758-0731 and all formatting styles which represent the same phone number.

**Expected Response Explanation:**

The phone number associated with this device can be located at data/Root/data/com.android.providers.telephony/databases/mmssms.db in the addr table. In addition, the phone number can also be found as part of the T-mobile domain name in the voicemail database.

**Screen Shot:**

Database: mmssms >>> Table: addr

|                                     |            |
|-------------------------------------|------------|
| <input checked="" type="checkbox"/> | address    |
| <input checked="" type="checkbox"/> | 5717580731 |

Voicemail Database File Name:

|                                    |
|------------------------------------|
| ↑ Name                             |
| 5717580731@vms.eng.t-mobile.com.db |



TABLE 1

**Question 4 Phone Settings**

**Question 4: Which phone vendor is associated with this device?**

**Manufacturer's Expected Response:** MetroPCS

| WebCode | Response   |
|---------|--|
| 3YME8V  | LGE LGMS428  |
| 4D2G3Y  | MetroPCS   |
| 64W7DD  | MetroPCS   |
| 68TVUL  | LG   |
| 6NG98D  | LG / MetroPCS  |
| 7MPGZU  | MetroPCS   |
| 8AEEVW  | MetroPCS   |
| 8H3CEM  | MetroPCS   |
| 97NRER  | Metro PCS  |
| 98HMTM  | MetroPCS   |
| 9RABMP  | MetroPCS   |
| 9TFVBP  | Metro PCS  |
| 9V63VL  | Metro PCS  |
| 9VLGYP  | Metro PCS  |
| A6RHYF  | MetroPCS   |
| AD36NA  | Metro PCS  |
| AHXWV8  | LG   |
| AV2ZJL  | Metro PCS  |
| B4Q8GH  | LG   |
| BC8JUJ  | MetroPCS   |
| BQ8KA7  | Metro PCS  |
| BTXG6Q  | MetroPCS   |
| C2XB4H  | Metro PCS  |
| C48JW3  | MetroPCS or LG Electronics, depending on the definition of "phone vendor". |
| CMJ99E  | As reported by Cellebrite, the "phone vendor" is MetroPCS.                 |
| D7CNUM  | MetroPCS   |
| D83RG3  | MetroPCS   |
| DKW4WM  | MetroPCS   |
| EBG8GN  | MetroPCS (mmssmsm.db)(build.prop)  |
| EPJBUL  | MetroPCS   |
| ERPVHL  | MetroPCS   |
| EV8VZM  | Metro PCS  |
| EXUKE9  | Metro PCS  |
| FXTZ9K  | MetroPCS   |
| G7Z2ZY  | Metro PCS  |
| HBQEBL  | MetroPCS   |
| J3RRLY  | MetroPCS   |

TABLE 1

| Question 4 Phone Settings |   |
|---------------------------|---|
| WebCode                   | Response                                    |
| JCFLXV                    | MetroPCS                                    |
| JWZK26                    | Metro PCS                                   |
| KPGGU3                    | MetroPCS                                    |
| KXDJXF                    | Metro PCS                                   |
| L4YN7T                    | MetroPCS                                    |
| LBHWT6                    | MetroPCS (from product brand of build.prop) |
| LDKV4X                    | MetroPCS                                    |
| LHU9JB                    | MetroPCS                                    |
| LWWHP6                    | Metro PCS                                   |
| M6LPM2                    | MetroPCS                                    |
| M8QFRV                    | MetroPCS                                    |
| MDK6GF                    | MetroPCS (T-Mobile)                         |
| MEC94V                    | MetroPCS (on behalf of T-Mobile).           |
| MTQEC9                    | MetroPCS                                    |
| N3FNZA                    | Metro PCS                                   |
| NLQEER                    | MetroPCS                                    |
| P6YXN2                    | MetroPCS                                    |
| PDR9YW                    | MetroPCS                                    |
| PKPZ66                    | MetroPCS                                    |
| PL7B3C                    | MetroPCS                                    |
| PPMK9N                    | The associated phone vendor is MetroPCS.    |
| QDP28N                    | Metro PCS                                   |
| QW2T96                    | Metro PCS                                   |
| QWX47T                    | MetroPCS                                    |
| R99V9T                    | MetroPCS                                    |
| RDLXVN                    | MetroPCS                                    |
| RNKCFV                    | Metro PCS                                   |
| RNZTBN                    | MetroPCS                                    |
| RVW9UB                    | MetroPCS                                    |
| RYLWF3                    | LG  |
| TGWQJ3                    | MetroPcs                                    |
| UGD3X2                    | MetroPCS                                    |
| ULC8H7                    | Metro PCS                                   |
| VQY8AP                    | MetroPCS                                    |
| W7KA6J                    | MetroPCS (a part of T-Mobile)               |
| WGP3WY                    | MetroPCS                                    |
| WV8Q9H                    | MetroPCS                                    |
| X3GET4                    | MetroPCS                                    |
| XEG8Q2                    | Metro PCS                                   |
| YM7FNW                    | MetroPCS                                    |

TABLE 1

| Question 4 Phone Settings |           |
|---------------------------|-----------|
| WebCode                   | Response  |
| Z7ZDQP                    | MetroPCS  |
| ZJ2ALW                    | MetroPCS  |
| ZVDCAE                    | Metro PCS |

**Consensus Result:** MetroPCS was the overall consensus response. However, due to the possible ambiguity of the question, the response LG is also recognized as an acceptable phone vendor.

**Expected Response Explanation:**

The phone vendor associated with this device can be found by analyzing the build.prop file. This file can be located at: system/Root/build.prop. Both device model and vendor information can also be found under "Device Info" extracted by the tool.

**Screen Shot:**

Phone Vendor:

`product.brand=MetroPCS`

**Extracted Device Information**

Detected Phone Model LGMS428  
 Detected Phone Vendor MetroPCS

TABLE 1

**Question 5 Phone Settings**

**Question 5: What is the set time zone for this device?**

**Manufacturer's Expected Response:** America/New\_York

| WebCode | Response   |
|---------|--|
| 3YME8V  | America/New_York   |
| 4D2G3Y  | Eastern (America/New York)                                       |
| 64W7DD  | America/New York   |
| 68TVUL  | America/New York (UTC -5)  |
| 6NG98D  | America/New York   |
| 7MPGZU  | America/New_York   |
| 8AEEVW  | UTC -05:00   |
| 8H3CEM  | America/New York   |
| 97NRER  | America/New_York   |
| 98HMTM  | America/New_York   |
| 9RABMP  | America/New_York (UTC - 5 hours)                                 |
| 9TFVBP  | America/New York   |
| 9V63VL  | America/New York   |
| 9VLGYP  | America/New York   |
| A6RHYF  | New York UTC -5  |
| AD36NA  | America/New_York   |
| AHXWV8  | America/New_York   |
| AV2ZJL  | America/New York   |
| B4Q8GH  | UTC  |
| BC8JUJ  | (UTC-05:00) - America/New York                                   |
| BQ8KA7  | American/ New York   |
| BTXG6Q  | GMT -0500  |
| C2XB4H  | America/New York   |
| C48JW3  | the most recent timezone is America/New York which is UTC-05:00. |
| CMJ99E  | America/New_York   |
| D7CNUM  | America/New_York   |
| D83RG3  | America/New_York   |
| DKW4WM  | America/New_York   |
| EBG8GN  | America/New_York UTC(-5.00) {persist.sys.timezone}               |
| EPJBUL  | America/New_York   |
| ERPVHL  | America/New_York   |
| EV8VZM  | America/New York   |
| EXUKE9  | America/New_York   |
| FXTZ9K  | America/New_York (UTC -5)  |
| G7Z2ZY  | (UTC-05:00) New_York (America)                                   |
| HBQEBL  | America/New_York   |
| J3RRLY  | America/New York (EST)   |

TABLE 1

| Question 5 Phone Settings |  |
|---------------------------|--|
| WebCode                   | Response   |
| JCFLXV                    | America/New_York   |
| JWZK26                    | Eastern Standard Time  |
| KPGGU3                    | America/New_York Eastern UTC-5.0                                   |
| KXDJXF                    | New York/Eastern (UTC-5)   |
| L4YN7T                    | America/New York   |
| LBHWT6                    | America/New_York (from persist.sys.timezone)                       |
| LDKV4X                    | America/New_York   |
| LHU9JB                    | America/New_York   |
| LWWHP6                    | America/New York   |
| M6LPM2                    | America/New_York   |
| M8QFRV                    | America/New_York   |
| MDK6GF                    | America/New_York   |
| MEC94V                    | America/New_York (UTC -5)  |
| MTQEC9                    | America/New_York   |
| N3FNZA                    | New York (UTC -5:00)   |
| NLQEER                    | America/New_York   |
| P6YXN2                    | America/New York   |
| PDR9YW                    | Eastern NY   |
| PKPZ66                    | America/New York   |
| PL7B3C                    | America/New York   |
| PPMK9N                    | The set time zone for the device is America/New York (-05:00 UTC). |
| QDP28N                    | America/New_York   |
| QW2T96                    | America/New_York   |
| QWX47T                    | America/New_York   |
| R99V9T                    | America/New_York   |
| RDLXVN                    | America/New_York   |
| RNKCFV                    | America/New York   |
| RNZTBN                    | America/New_York   |
| RVW9UB                    | America/New_York   |
| RYLWF3                    | America/New_York   |
| TGWQJ3                    | UTC -05:00 New York  |
| UGD3X2                    | New York (EST)   |
| ULC8H7                    | Eastern Time Zone (America/New York)                               |
| VQY8AP                    | America/New_York   |
| W7KA6J                    | America/New York (UTC -05:00)                                      |
| WGP3WY                    | America/New_York   |
| WV8Q9H                    | America/New_York   |
| X3GET4                    | America/New York (UTC-5)   |
| XEG8Q2                    | UTC -05:00 New York (America)                                      |
| YM7FNW                    | America/New_York   |

TABLE 1

| Question 5 Phone Settings |                   |
|---------------------------|-------------------|
| WebCode                   | Response          |
| Z7ZDQP                    | UTC-5:00 New York |
| ZJ2ALW                    | America/New_York  |
| ZVDCAE                    | America_NY        |

**Consensus Result:** America/New\_York and all responses that represent this same time zone.

**Expected Response Explanation:**

This device's set time zone can be found in the persist.sys.timezone file. This file can be located at: data/Root/property/persist.sys.timezone. The time zone can be verified by looking at the time stamps of various data including Email, Call Log, and Text Messages.

**Screen Shot:**

**Persist.sys.timezone file:**

America/New\_York

TABLE 1

**Question 6 Phone Settings**

**Question 6:** Provide the city/state this device was set to per the LG weather services database.

**Manufacturer's Expected Response:** Herndon/Virginia

| WebCode | Response   |
|---------|--|
| 3YME8V  | Herndon, Virginia United States                        |
| 4D2G3Y  | Herndon, Virginia 20170                                |
| 64W7DD  | Herndon/Virginia                                       |
| 68TVUL  | Herndon, Virginia                                      |
| 6NG98D  | Herndon/Virginia                                       |
| 7MPGZU  | Herndon/Virginia                                       |
| 8AEEVW  | Herndon, Virginia                                      |
| 8H3CEM  | Herndon, Virginia                                      |
| 97NRER  | Herndon/Virginia                                       |
| 98HMTM  | Herndon/Virginia                                       |
| 9RABMP  | Herndon/Virginia                                       |
| 9TFVBP  | Herndon, Virginia                                      |
| 9V63VL  | Herndon/Virginia                                       |
| 9VLGYP  | Herndon, Virginia                                      |
| A6RHYF  | Herndon, VA  |
| AD36NA  | Herndon, Virginia                                      |
| AHXWV8  | Herndon/Virginia                                       |
| AV2ZJL  | Herndon/Virginia                                       |
| B4Q8GH  | Herndon/Virginia                                       |
| BC8JUJ  | Herndon/Virginia                                       |
| BQ8KA7  | Herndon, Virginia                                      |
| BTXG6Q  | Herndon, Virginia.                                     |
| C2XB4H  | Herndon, Virginia                                      |
| C48JW3  | Herndon, Virginia                                      |
| CMJ99E  | Herndon, Virginia                                      |
| D7CNUM  | Herndon, Virginia                                      |
| D83RG3  | Herndon, Virginia                                      |
| DKW4WM  | Herndon/Virginia                                       |
| EBG8GN  | Herndon/Virginia (Latitude 38.968 / Longitude -77.381) |
| EPJBUL  | Herndon, Virginia                                      |
| ERPVHL  | Herndon, VA  |
| EV8VZM  | Herndon, Virginia, United States                       |
| EXUKE9  | Herndon, VA  |
| FXTZ9K  | Herndon/Virginia                                       |
| G7Z2ZY  | Herndon, VA  |
| HBQEBL  | Herndon, VA  |
| J3RRLY  | Herndon/Virginia                                       |

TABLE 1

| Question 6 Phone Settings |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | Herndon/Virginia USA  |
| JWZK26                    | Herndon/Virginia  |
| KPGGU3                    | Herndon, VA   |
| KXDJXF                    | Herndon, VA   |
| L4YN7T                    | Herndon, Virginia   |
| LBHWT6                    | Herndon/Virginia (from WeatherPlatform table of WEATHER_SERVICE.db) |
| LDKV4X                    | Herndon, Virginia   |
| LHU9JB                    | Herndon, Virginia   |
| LWWHP6                    | Herndon, Virginia   |
| M6LPM2                    | Herndon, Virginia   |
| M8QFRV                    | Herndon, Virginia   |
| MDK6GF                    | City: Herndon District: Virginia Country: United States             |
| MEC94V                    | Herddon/Virginia  |
| MTQEC9                    | Herndon/Virginia  |
| N3FNZA                    | Herndon, VA   |
| NLQEER                    | Herndon, Virginia   |
| P6YXN2                    | Herndon/Virginia  |
| PDR9YW                    | Herndon, VA   |
| PKPZ66                    | Herndon/Virginia  |
| PL7B3C                    | Herndon, Virginia   |
| PPMK9N                    | The city and state for the LG device was set to Herndon, Virginia.  |
| QDP28N                    | Herndon/Virginia  |
| QW2T96                    | Herndon/Virginia  |
| QWX47T                    | Herndon, Virginia   |
| R99V9T                    | Herndon, Virginia   |
| RDLXVN                    | Herndon/Virginia  |
| RNKCFV                    | Herndon, VA   |
| RNZTBN                    | Herndon/Virginia  |
| RVW9UB                    | Herndon, Virginia   |
| RYLWF3                    | Herndon/Virginia  |
| TGWQJ3                    | Herndon, Virginia   |
| UGD3X2                    | Herndon/Virginia  |
| ULC8H7                    | Herndon, Virginia   |
| VQY8AP                    | Herndon, Virginia   |
| W7KA6J                    | Herndon, Virginia   |
| WGP3WY                    | Herndon, Virginia   |
| WV8Q9H                    | Herndon, Virginia   |
| X3GET4                    | Herndon, Virginia, USA  |
| XEG8Q2                    |   |
| YM7FNW                    | Herndon/Virginia  |



TABLE 1

| Question 6 Phone Settings |                   |
|---------------------------|-------------------|
| WebCode                   | Response          |
| Z7ZDQP                    | Herndon, Virginia |
| ZJ2ALW                    | Herndon/Virginia  |
| ZVDCAE                    | Herndon, VA       |

**Consensus Result:** Herndon/Virginia

**Expected Response Explanation:**

The city/state location for this device can be found within the WEATHER\_SERVICE.DB database file under the WeatherPlatform table. This file can be located at:  
 data/root/data/com.lge.sizechangeable.weather.platform/databases/WEATHER\_SERVICES.DB

**Screen Shot:**

Database: WEATHER\_SERVICE >>> Table: WeatherPlatform

| _id | cityName | adminArea |
|-----|----------|-----------|
| 1   | Herndon  | Virginia  |

TABLE 1

## Question 7 Miscellaneous

Question 7: What is the Google e-mail account associated with this device?

**Manufacturer's Expected Response:** bencooper1381@gmail.com

| WebCode | Response  |
|---------|---|
| 3YME8V  | bencooper1381@gmail.com   |
| 4D2G3Y  | bencooper1381@gmail.com   |
| 64W7DD  | bencooper1381@gmail.com   |
| 68TVUL  | bencooper1381@gmail.com   |
| 6NG98D  | bencooper1381@gmail.com   |
| 7MPGZU  | bencooper1381@gmail.com   |
| 8AEEVW  | bencooper1381@gmail.com   |
| 8H3CEM  | bencooper1381@gmail.com   |
| 97NRER  | bencooper1381@gmail.com   |
| 98HMTM  | bencooper1381@gmail.com   |
| 9RABMP  | bencooper1381@gmail.com   |
| 9TFVBP  | bencooper1381@gmail.com   |
| 9V63VL  | bencooper1381@gmail.com   |
| 9VLGYP  | bencooper1381@gmail.com   |
| A6RHYP  | bencooper1381@gmail.com   |
| AD36NA  | bencooper1381@gmail.com   |
| AHXWV8  | bencooper1381@gmail.com   |
| AV2ZJL  | bencooper1381@gmail.com   |
| B4Q8GH  | bencooper1381@gmail.com   |
| BC8JUJ  | bencooper1381@gmail.com   |
| BQ8KA7  | bencooper1381@gmail.com   |
| BTXG6Q  | bencooper1381@gmail.com   |
| C2XB4H  | bencooper1381@gmail.com   |
| C48JW3  | bencooper1381@gmail.com   |
| CMJ99E  | bencooper1381@gmail.com   |
| D7CNUM  | bencooper1381@gmail.com   |
| D83RG3  | bencooper1381@gmail.com   |
| DKW4WM  | bencooper1381@gmail.com   |
| EBG8GN  | bencooper1381@gmail.com ( accounts.db / DocList.db / accounts.xml / contacts2.db) |
| EPJBUL  | bencooper1381@gmail.com   |
| ERPVHL  | bencooper1381@gmail.com   |
| EV8VZM  | bencooper1381@gmail.com   |
| EXUKE9  | bencooper1381@gmail.com   |
| FXTZ9K  | bencooper1381@gmail.com   |
| G7Z2ZY  | bencooper1381@gmail.com   |
| HBQEBL  | Bencooper1381@gmail.com   |
| J3RRLY  | bencooper1381@gmail.com   |

TABLE 1

| Question 7 Miscellaneous |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | bencooper1381@gmail.com   |
| JWZK26                   | bencooper1381@gmail.com   |
| KPGGU3                   | bencooper1381@gmail.com   |
| KXDJXF                   | bencooper1381@gmail.com   |
| L4YN7T                   | bencooper1381@gmail.com   |
| LBHWT6                   | bencooper1381@gmail.com (from accounts table of accounts.db, messages table of mailstore.bencooper1381@gmail.com.db.) |
| LDKV4X                   | bencooper1381@gmail.com   |
| LHU9JB                   | bencooper1381@gmail.com   |
| LWWHP6                   | bencooper1381@gmail.com   |
| M6LPM2                   | bencooper1381@gmail.com   |
| M8QFRV                   | bencooper1381@gmail.com   |
| MDK6GF                   | bencooper1381@gmail.com   |
| MEC94V                   | bencooper1381@gmail.com   |
| MTQEC9                   | bencooper1381@gmail.com   |
| N3FNZA                   | bencooper1381@gmail.com   |
| NLQEER                   | bencooper1381@gmail.com   |
| P6YXN2                   | bencooper1381@gmail.com   |
| PDR9YW                   | bencooper138@gmail.com  |
| PKPZ66                   | bencooper1381@gmail.com   |
| PL7B3C                   | bencooper1381@gmail.com   |
| PPMK9N                   | The Google e-mail account associated with the device is "bencooper1381@gmail.com".                                    |
| QDP28N                   | bencooper1381@gmail.com   |
| QW2T96                   | bencooper1381@gmail.com   |
| QWX47T                   | bencooper1381@gmail.com   |
| R99V9T                   | bencooper1381@gmail.com   |
| RDLXVN                   | bencooper1381@gmail.com   |
| RNKCFV                   | bencooper1381@gmail.com   |
| RNZTBN                   | bencooper1381@gmail.com   |
| RVW9UB                   | bencooper1381@gmail.com   |
| RYLWF3                   | bencooper1381@gmail.com   |
| TGWQJ3                   | bencooper1381@gmail.com   |
| UGD3X2                   | bencooper1381@gmail.com   |
| ULC8H7                   | Bencooper1381@gmail.com   |
| VQY8AP                   | bencooper1381@gmail.com   |
| W7KA6J                   | bencooper1381@gmail.com   |
| WGP3WY                   | bencooper1381@gmail.com   |
| WV8Q9H                   | bencooper1381@gmail.com   |
| X3GET4                   | bencooper1381@gmail.com   |
| XEG8Q2                   | Bencooper1381@gmail.com   |

TABLE 1

| Question 7 Miscellaneous |                         |
|--------------------------|-------------------------|
| WebCode                  | Response                |
| YM7FNW                   | bencooper1381@gmail.com |
| Z7ZDQP                   | bencooper1381@gmail.com |
| ZJ2ALW                   | bencooper1381@gmail.com |
| ZVDCAE                   | bencooper1381@gmail.com |

**Consensus Result:** bencooper1381@gmail.com

**Expected Response Explanation:**

Information about the Google e-mail account can be found in the Gmail.xml file. This file contains the e-mail address for the Active Account string name. This file can be located at:  
data/Root/data/com.google.android.gm/shared\_prefs/Gmail.xml

**Screen Shot:**

Active Google e-mail account:

```
<string name="active-account">bencooper1381@gmail.com</string>
```

TABLE 1

| Question 8 Miscellaneous |  |
|--------------------------|--|
|--------------------------|--|

**Question 8:** As per the Bluetooth configuration file, this device was connected to a vehicle. Provide the vehicle name this device was connected to as mentioned in this file.

**Manufacturer's Expected Response:** Santa Fe Sport

| WebCode | Response         |
|---------|------------------|
| 3YME8V  | Santa Fe Sport   |
| 4D2G3Y  | Santa Fe Sport   |
| 64W7DD  | Santa Fe Sport   |
| 68TVUL  | Santa Fe Sport   |
| 6NG98D  | Santa Fe Sport   |
| 7MPGZU  | Santa Fe Sport   |
| 8AEEVW  | Santa Fe Sport   |
| 8H3CEM  | Santa Fe Sport   |
| 97NRER  | Santa Fe Sport   |
| 98HMTM  | Santa Fe Sport   |
| 9RABMP  | Santa Fe Sport   |
| 9TFVBP  | Santa Fe Sport   |
| 9V63VL  | Santa Fe Sport   |
| 9VLGYP  | Santa Fe Sport   |
| A6RHYF  | Santa Fe Sport   |
| AD36NA  | Santa Fe Sport   |
| AHXWV8  | Santa Fe Sport   |
| AV2ZJL  | Santa Fe Sport   |
| B4Q8GH  | Santa Fe Sport   |
| BC8JUU  | Santa Fe Sport   |
| BQ8KA7  | Santa Fe Sport   |
| BTXG6Q  | Santa Fe Sport   |
| C2XB4H  | Santa Fe Sport   |
| C48JW3  | +Santa Fe Sport+ |
| CMJ99E  | Santa Fe Sport   |
| D7CNUM  | Santa Fe Sport   |
| D83RG3  | Santa Fe Sport   |
| DKW4WM  | Santa Fe Sport   |
| EBG8GN  | Santa Fe Sport   |
| EPJBUL  | Santa Fe Sport   |
| ERPVHL  | Santa Fe Sport   |
| EV8VZM  | Santa Fe Sport   |
| EXUKE9  | Santa Fe Sport   |
| FXTZ9K  | Santa Fe Sport   |
| G7Z2ZY  | Santa Fe Sport   |
| HBQEBL  | Santa Fe Sport   |
| J3RRLY  | Santa Fe Sport   |

TABLE 1

| Question 8 Miscellaneous |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | Santa Fe Sport  |
| JWZK26                   | Santa Fe Sport  |
| KPGGU3                   | Sante Fe Sport  |
| KXDJXF                   | Santa Fe  |
| L4YN7T                   | Santa Fe Sport  |
| LBHWT6                   | Santa Fe Sport (from Name of bt_config.conf)                  |
| LDKV4X                   | Santa Fe Sport  |
| LHU9JB                   | Santa Fe Sport  |
| LWWHP6                   | Santa Fe Sport  |
| M6LPM2                   | Santa Fe Sport  |
| M8QFRV                   | Santa Fe Sport  |
| MDK6GF                   | Santa Fe Sport  |
| MEC94V                   | Santa Fe Sport  |
| MTQEC9                   | Santa Fe Sport  |
| N3FNZA                   | Sante Fe  |
| NLQEER                   | Santa Fe Sport  |
| P6YXN2                   | The vehicle appears to be a Santa Fe Sport                    |
| PDR9YW                   | Santa Fe Sport  |
| PKPZ66                   | Santa Fe Sport  |
| PL7B3C                   | Santa Fe Sport  |
| PPMK9N                   | The vehicle name connected to this device is: Santa Fe Sport. |
| QDP28N                   | Santa Fe Sport  |
| QW2T96                   | Santa Fe Sport  |
| QWX47T                   | Santa Fe Sport  |
| R99V9T                   | Santa Fe Sport  |
| RDLXVN                   | (Hyundai) Santa Fe Sport                                      |
| RNKCFV                   | Santa Fe Sport  |
| RNZTBN                   | Santa Fe Sport  |
| RVW9UB                   | Santa Fe Sport  |
| RYLWF3                   | Santa Fe Sport  |
| TGWQJ3                   | Sante Fe Sport  |
| UGD3X2                   | Santa Fe Sport  |
| ULC8H7                   | Santa Fe Sport  |
| VQY8AP                   | Sante Fe Sport  |
| W7KA6J                   | Santa Fe Sport  |
| WGP3WY                   | Santa Fe Sport  |
| WV8Q9H                   | Santa Fe Sport  |
| X3GET4                   | Santa Fe Sport  |
| XEG8Q2                   |   |

TABLE 1

| Question 8 Miscellaneous |                          |
|--------------------------|--------------------------|
| WebCode                  | Response                 |
| YM7FNW                   | Santa Fe Sport           |
| Z7ZDQP                   | Santa Fe Sport (Hyundai) |
| ZJ2ALW                   | Santa Fe Sport           |
| ZVDCAE                   | Santa Fe Sport           |

**Consensus Result:** Santa Fe Sport

**Expected Response Explanation:**

Information about the vehicle name can be found in the Bluetooth configuration file. This file can be located at:  
data/Root/misc/bluedroid/bt\_config.conf

**Screen Shot:**

**Vehicle Bluetooth Connection:**

Name = Santa Fe Sport

TABLE 1

**Question 9 Miscellaneous**

**Question 9:** As per the Bluetooth configuration file, provide the EPOCH timestamp value for when this device first connected to the vehicle.

**Manufacturer's Expected Response:** 1488393923

| WebCode | Response                                     |
|---------|--|
| 3YME8V  | 1488393923                                   |
| 4D2G3Y  | 1488393923                                   |
| 64W7DD  | 1488393923                                   |
| 68TVUL  | 1488393923                                   |
| 6NG98D  | Timestamp = 1488393923                       |
| 7MPGZU  | 1488393923                                   |
| 8AEEVW  | 1488393923                                   |
| 8H3CEM  | 1488393923                                   |
| 97NRER  | 1488393923                                   |
| 98HMTM  | 1488393923                                   |
| 9RABMP  | 1488393923                                   |
| 9TFVBP  | 1488393923                                   |
| 9V63VL  | 1488393923                                   |
| 9VLGYP  | 1488393923                                   |
| A6RHYF  |  |
| AD36NA  | 1488393923                                   |
| AHXWV8  | 1488393923                                   |
| AV2ZJL  | 1488393923                                   |
| B4Q8GH  | 1488393923 Wednesday, 01-Mar-17 18:45:23 UTC |
| BC8JUU  | 1488393923                                   |
| BQ8KA7  | 1488393923                                   |
| BTXG6Q  | 1488393923                                   |
| C2XB4H  | 1488393923                                   |
| C48JW3  | 1488393923                                   |
| CMJ99E  | 1488393923                                   |
| D7CNUM  | 1488393923                                   |
| D83RG3  | 1488393923                                   |
| DKW4WM  | 1488393923                                   |
| EBG8GN  | 1488393923 (bt_config.conf)                  |
| EPJBUL  | 1488393923                                   |
| ERPVHL  | 1488393923                                   |
| EV8VZM  | 1488393923                                   |
| EXUKE9  | 1488393923                                   |
| FXTZ9K  | 1488393923                                   |
| G7Z2ZY  | 1488393923                                   |
| HBQEBL  | 1488393923                                   |
| J3RRLY  | 1488393923                                   |



TABLE 1

| Question 9 Miscellaneous |  |
|--------------------------|--|
| WebCode                  | Response   |
| JCFLXV                   | 1488393923   |
| JWZK26                   | 1488393923   |
| KPGGU3                   | 1488393923   |
| KXDJXF                   | 1488393923   |
| L4YN7T                   | 1488393923   |
| LBHWT6                   | 1488393923 (from Timestamp of bt_config.conf)  |
| LDKV4X                   | 1488393923   |
| LHU9JB                   | 1488393923   |
| LWWHP6                   | 1488393923   |
| M6LPM2                   | 1488393923   |
| M8QFRV                   | 1488393923   |
| MDK6GF                   | 1488393923   |
| MEC94V                   | 1488393923   |
| MTQEC9                   | 1488393923   |
| N3FNZA                   | 1488393923   |
| NLQEER                   | 1488393923   |
| P6YXN2                   | 1488393923   |
| PDR9YW                   | 1488393923   |
| PKPZ66                   | 1488393923   |
| PL7B3C                   | 1488393923   |
| PPMK9N                   | The EPOCH time stamp value for the first connection to the vehicle is: "1488393923". |
| QDP28N                   | 1488393923   |
| QW2T96                   | 1488393923   |
| QWX47T                   | 1488393923   |
| R99V9T                   | 1488393923   |
| RDLXVN                   | 1488393923   |
| RNKCFV                   | 1488393923   |
| RNZTBN                   | 1488393923   |
| RVW9UB                   | 1488393923   |
| RYLWF3                   | 1488393923   |
| TGWQJ3                   | 1488393923   |
| UGD3X2                   | 1488393923   |
| ULC8H7                   | 1488393923   |
| VQY8AP                   | 1488393923   |
| W7KA6J                   | 1488393923   |
| WGP3WY                   | 1488393923   |
| WV8Q9H                   | 1488393923   |
| X3GET4                   | 1488393923   |
| XEG8Q2                   |  |
| YM7FNW                   | 1488393923   |

TABLE 1

| Question 9 Miscellaneous |            |
|--------------------------|------------|
| WebCode                  | Response   |
| Z7ZDQP                   | 1488393923 |
| ZJ2ALW                   | 1488393923 |
| ZVDCAE                   | 1488393923 |

**Consensus Result:** 1488393923

**Expected Response Explanation:**

The EPOCH timestamp value for when this device connected to the vehicle can be found in the Bluetooth configuration file. This file can be located at: data/Root/misc/bluedroid/bt\_config.conf

**Screen Shot:**

**Vehicle Connection Timestamp:**

Timestamp = 1488393923

TABLE 1

**Question 10 Miscellaneous**

**Question 10: Convert the EPOCH timestamp value of when this device first connected to the vehicle in USA/Canada Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.**

**Manufacturer's Expected Response:** 3/1/2017, 1:45:23 PM

| WebCode | Response   |
|---------|--|
| 3YME8V  | "03/01/2017, 1:45:23 PM."  |
| 4D2G3Y  | 3/1/2017, 1:45:23 PM   |
| 64W7DD  | 03/01/2017, 01:45:23 PM  |
| 68TVUL  | 03/01/2017, 1:45:23 PM   |
| 6NG98D  | 3/1/2017, 1:45:23 PM   |
| 7MPGZU  | 03/01/2017, 1:45:23 PM   |
| 8AEEVW  | 03/01/2017, 01:45:23 PM  |
| 8H3CEM  | 03/01/2017, 01:45:23 PM  |
| 97NRER  | 03/01/2017, 01:45:23 PM (UTC -5)   |
| 98HMTM  | 03/01/2017, 1:45:23 PM   |
| 9RABMP  | 03/01/2017, 01:45:23 PM  |
| 9TFVBP  | 03/01/2017, 01:45:23 PM  |
| 9V63VL  | March/1/2017, 01:45:23 PM  |
| 9VLGYP  | 03/01/2017, 01:45:23 pm  |
| A6RHYF  |  |
| AD36NA  | 03/01/17, 01:45:23 PM  |
| AHXWV8  | 01/03/2017 13:45:23 PM   |
| AV2ZJL  | March/01/2017, 1:45:23 PM  |
| B4Q8GH  | 3/1/2017, 1:45:23 PM (EST)   |
| BC8JUJ  | 03/01/2017, 01:45:23 PM  |
| BQ8KA7  | 03/01/2017, 13:45:23 PM  |
| BTXG6Q  | 03/01/2017, 01:45:23 PM  |
| C2XB4H  | 3/1/2017, 1:45:23 PM   |
| C48JW3  | 03/01/2017, 01:45:23 PM  |
| CMJ99E  | 03/01/2017, 01:45:23 PM Although the time converter software used reports the time in military time (24-hour time), the response provided is in regular time (12-hour time) since the question specifically asks for an AM/PM designation. All subsequent timestamps provided will be converted as such. |
| D7CNUM  | 03/01/2017, 01:45:23 PM  |
| D83RG3  | 03/01/2017, 1:45:23 PM   |
| DKW4WM  | 03/01/2017, 6:45:23 PM   |
| EBG8GN  | 1488393923 converts to March/01/2017, 13:45:23 (PM) (Wednesday) in time zone America/New York (ET) The difference to Greenwich Time/GMT is -05:00 . GMT +00:00 would be March/01/2017 18:45:23 PM (Wednesday)  |
| EPJBUL  | 03/01/2017, 01:45:23 PM  |
| ERPVHL  | 3/1/2017, 1:45:23 PM   |
| EV8VZM  | 03/01/2017, 1:45:23 PM (-0500 UTC)   |
| EXUKE9  | 03/01/2017, 1:45:23 PM   |
| FXTZ9K  | 03/01/2017, 01:45:23 PM (UTC -5)   |

TABLE 1

| Question 10 Miscellaneous |   |
|---------------------------|---|
| WebCode                   | Response  |
| G7Z2ZY                    | 3/1/2017, 1:45:23 PM  |
| HBQEBL                    | 3/3/2017, 11:09:07 AM   |
| J3RRLY                    | 01/03/2017 13:45:23 PM  |
| JCFLXV                    | Mar/01/2017, 01:45:23 PM  |
| JWZK26                    | 03/01/2017, 01:45:23 PM   |
| KPGGU3                    | March 1, 2017, 1:45:23 PM   |
| KXDJXF                    | 03/01/2017, 1:45:23 PM  |
| L4YN7T                    | 03/01/17, 13:45:23 PM   |
| LBHWT6                    | 3/1/2017, 1:45:23 PM (UTC-5)  |
| LDKV4X                    | 03/01/2017, 13:45:23 PM EST   |
| LHU9JB                    | 03/01/2017, 01:45:23 PM   |
| LWWHP6                    | 3/1/2017, 13:45:23 PM   |
| M6LPM2                    | March/01/2017, 13:45:23 PM  |
| M8QFRV                    | 03/01/2017, 13:45:23  |
| MDK6GF                    | 03/01/2017 02:45:23 PM (UTC-4:00)   |
| MEC94V                    | 03/01/2017, 01:45:23 PM   |
| MTQEC9                    | 03/01/2017, 01:45:23 PM   |
| N3FNZA                    | 3/1/2017, 1:45:23 PM  |
| NLQEER                    | 03/01/2017, 01:45:23 PM   |
| P6YXN2                    | March/01/2017, 13:45:23 PM America/New York (EST)   |
| PDR9YW                    | 3/1/2017 6:45:23 PM UTC   |
| PKPZ66                    | 03/01/2017, 01:45:23 PM   |
| PL7B3C                    | 03/01/2017, 01:45:23 PM   |
| PPMK9N                    | The converted time stamp value of when this device first connected to the vehicle from EPOCH to USA/Canada Eastern time formatted as Month/Day/Year, Hours:Minutes:Seconds AM/PM is: "03/01/2017, 13:45:23 PM". |
| QDP28N                    | 03/01/2017, 13:45:23 PM UTC -0500   |
| QW2T96                    | March/01/2017, 01:45:23 PM  |
| QWX47T                    | 03/01/2017, 13:45:23 PM   |
| R99V9T                    | 03/01/2017, 01:45:23 PM   |
| RDLXVN                    | 03/01/2017, 1:45:23 PM EST  |
| RNKCFV                    | 03/01/2017, 1:45:23 PM  |
| RNZTBN                    | 03/01/2017, 01:45:23 PM   |
| RVW9UB                    | 03/01/2017, 1:45:23 PM (UTC-5)  |
| RYLWF3                    | 3/1/2017, 01:45:23 PM   |
| TGWQJ3                    | 03/01/2017, 13:45:23  |
| UGD3X2                    | 3/1/2017, 1:45:23 PM  |
| ULC8H7                    | 3/1/2017, 13:45:23 PM   |
| VQY8AP                    | 3/1/2017, 1:45:23 PM  |
| W7KA6J                    | 03/01/2017, 13:45:23 PM   |

TABLE 1

| Question 10 Miscellaneous |                            |
|---------------------------|----------------------------|
| WebCode                   | Response                   |
| WGP3WY                    | 3/1/2017, 1:45:23 PM       |
| WV8Q9H                    | 03/01/17, 01:45:23 PM      |
| X3GET4                    | 03/01/2017, 13:45:23 PM    |
| XEG8Q2                    |                            |
| YM7FNW                    | 03/01/2017, 1:45:23 PM     |
| Z7ZDQP                    | March 1 2017 06:45:23 (PM) |
| ZJ2ALW                    | 03/01/2017, 1:45:23 PM     |
| ZVDCAE                    | 3/1/17, 1:45:23 pm         |

**Consensus Result:** 3/1/2017, 1:45:23 PM and all formatting styles which represent the same date and time for the requested time zone. Participants who appeared to report Day/Month instead of the requested Month/Day are highlighted as assumptions cannot be made that month and day were interchanged.

**Expected Response Explanation:**

The EPOCH timestamp value found within the Bluetooth configuration file needed to be converted using a converter to get the date and time this device first connected to the vehicle. The vehicle connection timestamp value, 1488393923, converts to 3/1/2017, 1:45:23 PM USA / Canada Eastern Time.

**Screen Shot:**

Vehicle Timestamp Conversion:

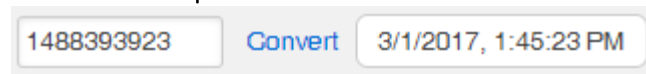


TABLE 1

**Question 11 Miscellaneous**

**Question 11: How many wireless networks was this device connected to?**

**Manufacturer's Expected Response:** Three (3)

| WebCode | Response  |
|---------|---|
| 3YME8V  | 3   |
| 4D2G3Y  | 3   |
| 64W7DD  | Three (3)   |
| 68TVUL  | 3   |
| 6NG98D  | 3   |
| 7MPGZU  | 3   |
| 8AEEVW  | 3   |
| 8H3CEM  | 3   |
| 97NRER  | 3   |
| 98HMTM  | 3   |
| 9RABMP  | Three (03)  |
| 9TFVBP  | 3   |
| 9V63VL  | 3   |
| 9VLGYP  | 3   |
| A6RHYF  | 3   |
| AD36NA  | 3   |
| AHXWV8  | 3   |
| AV2ZJL  | Three (3)   |
| B4Q8GH  | 3   |
| BC8JUJ  | 3   |
| BQ8KA7  | 3   |
| BTXG6Q  | 3   |
| C2XB4H  | 25  |
| C48JW3  | 3   |
| CMJ99E  | 3   |
| D7CNUM  | 3   |
| D83RG3  | Three (3)   |
| DKW4WM  | 3   |
| EBG8GN  | 4 ( McDonalds Free WiFi . Brews & Bones Guest / B21-Guest / xfinitywifi) [data/Root/system/netstat] |
| EPJBUL  | 3   |
| ERPVHL  | 25  |
| EV8VZM  | 3   |
| EXUKE9  | 3   |
| FXTZ9K  | 3   |
| G7Z2ZY  | 25  |
| HBQEBL  |   |
| J3RRLY  | 3   |

TABLE 1

| Question 11 Miscellaneous |  |
|---------------------------|--|
| WebCode                   | Response   |
| JCFLXV                    | 3  |
| JWZK26                    | 3  |
| KPGGU3                    | 3  |
| KXDJXF                    | 3  |
| L4YN7T                    | 3  |
| LBHWT6                    | 3 (from wpa_supplicant.conf)   |
| LDKV4X                    | Three (3)  |
| LHU9JB                    | Three  |
| LWWHP6                    | 3  |
| M6LPM2                    | 3  |
| M8QFRV                    | 3  |
| MDK6GF                    | 3 (SSID="Brews & Bones Guest", SSID ="McDonalds Free WiFi", SSID ="B21-Guest") |
| MEC94V                    | 3  |
| MTQEC9                    | 3  |
| N3FNZA                    | 3  |
| NLQEER                    | 1  |
| P6YXN2                    | 3 wireless networks  |
| PDR9YW                    | 3  |
| PKPZ66                    | 3  |
| PL7B3C                    | 3  |
| PPMK9N                    | This device was connected to three wireless networks.                          |
| QDP28N                    | 3  |
| QW2T96                    | 3  |
| QWX47T                    | 3  |
| R99V9T                    | 3  |
| RDLXVN                    | 3 (networkhistory.txt)   |
| RNKCFV                    | 3  |
| RNZTBN                    | Three (3)  |
| RWW9UB                    | 3  |
| RYLWF3                    | 3  |
| TGWQJ3                    | 3  |
| UGD3X2                    | 3  |
| ULC8H7                    | 3  |
| VQY8AP                    | 3  |
| W7KA6J                    | Three (3)  |
| WGP3WY                    | 3  |
| WV8Q9H                    | 3  |
| X3GET4                    | 3  |
| XEG8Q2                    |  |
| YM7FNW                    | 3  |

TABLE 1

| Question 11 Miscellaneous |          |
|---------------------------|----------|
| WebCode                   | Response |
| Z7ZDQP                    | 3        |
| ZJ2ALW                    | 3        |
| ZVDCAE                    | 4        |

**Consensus Result:** Three (3)

**Expected Response Explanation:**

This device connected to three wireless networks. The Wi-Fi supplicant file lists the networks as well as any network passwords to which the device connected to. This file can be located at: data/Root/misc/wifi/wpa\_supplicant.conf

**Screen Shot:**

**Wi-Fi Connections:**

```
network={
  ssid="Brews & Bones Guest"
  captive_check=0
  boost_flags=0
  key_mgmt=NONE
  sim_slot_id=0
  priority=3
}

network={
  ssid="McDonalds Free WiFi"
  captive_check=0
  boost_flags=0
  key_mgmt=NONE
  sim_slot_id=0
  priority=4
}

network={
  ssid="B21-Guest"
  captive_check=0
  boost_flags=0
  psk="bwireless"
  key_mgmt=WPA-PSK
  sim_slot_id=0
  priority=5
}
```



TABLE 1

| Question 12 Miscellaneous |  |
|---------------------------|--|
|---------------------------|--|

Question 12: What is the PSK (password) value for the B21-Guest network?

**Manufacturer's Expected Response:** bwireless

| WebCode | Response   |
|---------|--|
| 3YME8V  | bwireless  |
| 4D2G3Y  | bwireless  |
| 64W7DD  | bwireless  |
| 68TVUL  | bwireless  |
| 6NG98D  | bwireless  |
| 7MPGZU  | bwireless  |
| 8AEEVW  | bwireless  |
| 8H3CEM  | bwireless  |
| 97NRER  | bwireless  |
| 98HMTM  | bwireless  |
| 9RABMP  | bwireless  |
| 9TFVBP  | bwireless  |
| 9V63VL  | bwireless  |
| 9VLGYP  | bwireless  |
| A6RHYP  | bwireless  |
| AD36NA  | bwireless  |
| AHXWV8  | bwireless  |
| AV2ZJL  | bwireless  |
| B4Q8GH  | bwireless  |
| BC8JUJ  | bwireless  |
| BQ8KA7  | bwireless  |
| BTXG6Q  | bwireless  |
| C2XB4H  | bwireless  |
| C48JW3  | bwireless  |
| CMJ99E  | bwireless  |
| D7CNUM  | bwireless  |
| D83RG3  | bwireless  |
| DKW4WM  | bwireless  |
| EBG8GN  | bwireless [data/Root/misc/wifi/wpa supplicant.con] |
| EPJBUL  | bwireless  |
| ERPVHL  | bwireless  |
| EV8VZM  | bwireless  |
| EXUKE9  | bwireless  |
| FXTZ9K  | bwireless  |
| G7Z2ZY  | bwireless  |
| HBQEBL  |  |
| J3RRLY  | bwireless  |

TABLE 1

| Question 12 Miscellaneous |  |
|---------------------------|--|
| WebCode                   | Response   |
| JCFLXV                    | bwireless  |
| JWZK26                    | bwireless  |
| KPGGU3                    | bwireless  |
| KXDJXF                    | bwireless  |
| L4YN7T                    | B21-Guest  |
| LBHWT6                    | bwireless (from wpa_supplicant.conf)                           |
| LDKV4X                    | Bwireless  |
| LHU9JB                    | bwireless  |
| LWWHP6                    | bwireless  |
| M6LPM2                    | bwireless  |
| M8QFRV                    | bwireless  |
| MDK6GF                    | bwireless  |
| MEC94V                    | bwireless  |
| MTQEC9                    | bwireless  |
| N3FNZA                    | bwireless  |
| NLQEER                    | bwireless  |
| P6YXN2                    | Psk= "bwireless"   |
| PDR9YW                    | bwireless  |
| PKPZ66                    | bwireless  |
| PL7B3C                    | bwireless  |
| PPMK9N                    | The network password for the B21-Guest network is "bwireless". |
| QDP28N                    | bwireless  |
| QW2T96                    | bwireless  |
| QWX47T                    | bwireless  |
| R99V9T                    | bwireless  |
| RDLXVN                    | "bwireless"  |
| RNKCFV                    | bwireless  |
| RNZTBN                    | bwireless  |
| RVW9UB                    | bwireless  |
| RYLWF3                    | bwireless  |
| TGWQJ3                    | bwireless  |
| UGD3X2                    | bwireless  |
| ULC8H7                    | bwireless  |
| VQY8AP                    | bwireless  |
| W7KA6J                    | bwireless  |
| WGP3WY                    | bwireless  |
| WV8Q9H                    | bwireless  |
| X3GET4                    | bwireless  |
| XEG8Q2                    |  |
| YM7FNW                    | bwireless  |

TABLE 1

| Question 12 Miscellaneous |           |
|---------------------------|-----------|
| WebCode                   | Response  |
| Z7ZDQP                    | bwireless |
| ZJ2ALW                    | bwireless |
| ZVDCAE                    | bwireless |

**Consensus Result:** bwireless

**Expected Response Explanation:**

The Wi-Fi supplicant file lists the networks and any network passwords to which the device connected to. This file can be located at: data/Root/misc/wifi/wpa\_supplicant.conf

**Screen Shot:**

B21-Guest Network Wi-Fi Password:

```
network={
  ssid="B21-Guest"
  captive_check=0
  boost_flags=0
  psk="bwireless"
  key_mgmt=WPA-PSK
  sim_slot_id=0
  priority=5
}
```

TABLE 1

| Question 13 Applications |  |
|--------------------------|--|
|--------------------------|--|

Question 13: What terms were searched in the Google Play Store?

**Manufacturer's Expected Response:** pof, facebook messenger

| WebCode | Response  |
|---------|---|
| 3YME8V  | pof, facebook messenger   |
| 4D2G3Y  | Facebook Messenger; pof   |
| 64W7DD  | pof facebook messenger  |
| 68TVUL  | "Pof" , "Facebook messenger "   |
| 6NG98D  | pof, facebook messenger   |
| 7MPGZU  | facebook messenger, pof   |
| 8AEEVW  | facebook messenger pof  |
| 8H3CEM  | facebook messenger and pof  |
| 97NRER  | POF Facebook Messenger  |
| 98HMTM  | pof facebook messenger  |
| 9RABMP  | facebook messenger pof  |
| 9TFVBP  | pof and facebook messenger  |
| 9V63VL  | facebook messenger, pof   |
| 9VLGYP  | POF and Facebook messenger  |
| A6RHYF  | POF Facebook Messenger  |
| AD36NA  | facebook messenger pof  |
| AHXWV8  | facebook messenger, pof   |
| AV2ZJL  | facebook messenger, pof   |
| B4Q8GH  | facebook messenger Pof  |
| BC8JUJ  | facebook messenger pof  |
| BQ8KA7  | facebook messenger pof  |
| BTXG6Q  | pof (plenty of fish), facebook messenger  |
| C2XB4H  | Facebook Messenger, POF   |
| C48JW3  | searched terms "pof" and "facebook messenger".  |
| CMJ99E  | facebook messenger and pof  |
| D7CNUM  | facebook messenger, pof   |
| D83RG3  | facebook messenger pof  |
| DKW4WM  | facebook messenger, pof   |
| EBG8GN  | facebook messenger 23 February 2017, 08:49:42(UTC -05:00) pof 23 February 2017, 08:42:02 (UTC -05:00) [data/Root/data/com.android.vending/databases/suggestions.db] |
| EPJBUL  | facebook messenger pof  |
| ERPVHL  | "facebook messenger" & "pof"  |
| EV8VZM  | 'facebook messenger' and 'pof'  |
| EXUKE9  | Facebook Messenger POF  |
| FXTZ9K  | pof facebook messenger  |
| G7Z2ZY  | Facebook messenger pof  |
| HBQEEL  | Facebook messenger and pof  |
| J3RRLY  | facebook messenger pof  |

TABLE 1

| Question 13 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | Facebook messenger, pof   |
| JWZK26                   | POF Facebook messenger  |
| KPGGU3                   | beta-testing pof facebook   |
| KXDJXF                   | pof facebook messenger  |
| L4YN7T                   | Facebook messenger and pof  |
| LBHWT6                   | pof & facebook messenger (from suggestions table of suggestions.db)                       |
| LDKV4X                   | pof and facebook messenger  |
| LHU9JB                   | pof, facebook messenger   |
| LWWHP6                   | Facebook Messenger and POF  |
| M6LPM2                   | facebook messenger, pof   |
| M8QFRV                   | Facebook Messenger POF  |
| MDK6GF                   | facebook messenger pof  |
| MEC94V                   | FACEBOOK MESSENGER & POF  |
| MTQEC9                   | pof facebook messenger  |
| N3FNZA                   | facebook messenger and pof  |
| NLQEER                   | pof facebook messenger  |
| P6YXN2                   | Facebook messenger and pof  |
| PDR9YW                   | Facebook Messenger POF  |
| PKPZ66                   | facebook messenger pof  |
| PL7B3C                   | facebook messenger pof  |
| PPMK9N                   | The two terms searched for in the Google Play Store were: "facebook messenger" and "pof". |
| QDP28N                   | Facebook messenger / POF  |
| QW2T96                   | facebook messenger and pof  |
| QWX47T                   | facebook messenger, pof   |
| R99V9T                   | facebook messenger pof  |
| RDLXVN                   | facebook messenger pof  |
| RNKCFV                   | facebook messenger pof  |
| RNZTBN                   | pof facebook messenger  |
| RVW9UB                   | facebook messenger pof  |
| RYLWF3                   | pof, facebook messenger   |
| TGWQJ3                   | PoF Facebook Messenger  |
| UGD3X2                   | facebook, pof   |
| ULC8H7                   | facebook messenger, pof   |
| VQY8AP                   | Facebook messenger pof  |
| W7KA6J                   | POF Facebook Messenger  |
| WGP3WY                   | facebook messenger pof  |
| WV8Q9H                   | pof facebook messenger  |
| X3GET4                   | 'pof' and 'facebook messenger'  |
| XEG8Q2                   | facebook messenger pof  |

TABLE 1

| Question 13 Applications |                            |
|--------------------------|----------------------------|
| WebCode                  | Response                   |
| YM7FNW                   | Pof & Facebook messenger   |
| Z7ZDQP                   | Facebook messenger and pof |
| ZJ2ALW                   | pof and facebook messenger |
| ZVDCAE                   | facebook messenger, POF    |

**Consensus Result:** pof, facebook messenger

**Expected Response Explanation:**

Information regarding the terms searched in the Google Play Store can be found in the suggestions.db database file under the suggestions table. This file can be located at:  
 data/Root/data/com.android.vending/databases/suggestions.db

**Screen Shot:**

Database: suggestions >>> Table: suggestions

| _id | query              |
|-----|--------------------|
| 1   | pof                |
| 2   | facebook messenger |

TABLE 1

**Question 14 Applications**

**Question 14: What third-party application was downloaded first on this device?**

**Manufacturer's Expected Response:** PoF Free Dating App

| WebCode | Response  |
|---------|---|
| 3YME8V  | Facebook  |
| 4D2G3Y  | Plenty of Fish (POF) Free Dating App  |
| 64W7DD  | POF Free Dating App   |
| 68TVUL  | Pof   |
| 6NG98D  | POF (Plentyoffish)  |
| 7MPGZU  | POF Free Dating App   |
| 8AEEVW  | POF Free Dating App   |
| 8H3CEM  | POF Free Dating App   |
| 97NRER  | POF Free Dating App   |
| 98HMTM  | POF Free Dating App   |
| 9RABMP  | POF Free Dating App   |
| 9TFVBP  | POF Free Dating App   |
| 9V63VL  | POF Free Dating App   |
| 9VLGYP  | POF Free dating app   |
| A6RHYF  | POF Free Dating App   |
| AD36NA  | POF Free Dating App   |
| AHXWV8  | POF Free Dating App   |
| AV2ZJL  | POF Free Dating App   |
| B4Q8GH  | com.pof.android   |
| BC8JUJ  | POF Free Dating App   |
| BQ8KA7  | POF Free dating applicaiton   |
| BTXG6Q  | pof (plenty of fish)  |
| C2XB4H  | Evernote  |
| C48JW3  | com.pof.android (POF Free Dating)   |
| CMJ99E  | POF Free Dating App   |
| D7CNUM  | Plenty of Fish  |
| D83RG3  | POF Free Dating App   |
| DKW4WM  | POF Free Dating App   |
| EBG8GN  | POF Free Dating App (v 3.44.1.1417349) 23 February 2017, -8:42:55(UTC-05:00)<br>[data/Root/data/com.android.vending/databases/AndroidManifest.xml] AND<br>[data/Root/data/com.android.vending/databases/localappstate.db] |
| EPJBUL  | POF Free Dating App   |
| ERPVHL  | POF Free Dating App, installed on 2/23/17 8:42:44 AM  |
| EV8VZM  | POF Free Dating App   |
| EXUKE9  | POF   |
| FXTZ9K  | POF Free Dating App   |
| G7Z2ZY  | POF   |
| HBQEBL  | The.apk   |

TABLE 1

| Question 14 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| J3RRLY                   | POF Free Dating App   |
| JCFLXV                   | POF Free Dating App   |
| JWZK26                   | POF (Plenty of Fish)  |
| KPGGU3                   | com.pof.android 02/23/2017 01:43:21 PM  |
| KXDJXF                   | pof free dating app (Plenty of Fish)  |
| L4YN7T                   | pof   |
| LBHWT6                   | POF Free Dating App (from appstate table of localappstate.db)   |
| LDKV4X                   | POF Free Dating App   |
| LHU9JB                   | POF Free Dating App   |
| LWWHP6                   | POF Free Dating App   |
| M6LPM2                   | POF Free Dating App   |
| M8QFRV                   | POF free Dating App   |
| MDK6GF                   | POF Dating App  |
| MEC94V                   | POF FREE DATING APP   |
| MTQEC9                   | POF Free Dating App   |
| N3FNZA                   | POF Free Dating app   |
| NLQEER                   | Plenty of Fish  |
| P6YXN2                   | POF Free Dating App   |
| PDR9YW                   | PoF   |
| PKPZ66                   | POF Free Dating App   |
| PL7B3C                   | Plenty of Fish  |
| PPMK9N                   | The first third party application is identified as package name "com.pof.android" or via the common name "POF Free Dating App." |
| QDP28N                   | POF   |
| QW2T96                   | POF Free Dating App   |
| QWX47T                   | com.pof.android   |
| R99V9T                   | POF Free Dating App   |
| RDLXVN                   | POF Free Dating App   |
| RNKCFV                   | pof Free Dating App   |
| RNZTBN                   | POF Free Dating App   |
| RVW9UB                   | POF Free Dating App   |
| RYLWF3                   | POF Free Dating App   |
| TGWQJ3                   | com.pof.android   |
| UGD3X2                   | POF Free Dating App   |
| ULC8H7                   | POF Free Dating App   |
| VQY8AP                   | POF Free Dating App   |
| W7KA6J                   | POF Free Dating App   |
| WGP3WY                   | POF Free Dating App   |
| WV8Q9H                   | POF Free Dating App   |
| X3GET4                   | Plenty of Fish (pof)  |



TABLE 1

| Question 14 Applications |                                      |
|--------------------------|--------------------------------------|
| WebCode                  | Response                             |
| XEG8Q2                   | pof free dating app (plenty of fish) |
| YM7FNW                   | POF Free Dating App                  |
| Z7ZDQP                   | POF Free Dating App                  |
| ZJ2ALW                   | POF Free Dating App                  |
| ZVDCAE                   | POF free dating app                  |

**Consensus Result:** PoF Free Dating App and all responses which represent the same application.

**Expected Response Explanation:**

A list of downloaded applications on this device can be found in the localappstate.db database file under the appstate table. Participants needed to convert the EPOCH timestamp values to determine the first third-party application that was downloaded onto this device. This file can be located at:  
 data/Root/data/com.android.vending/databases/localappstate.db

**Screen Shot:**

Database: localappstate >>> Table: appstate (Date & Time Conversion column added By CTS)

| Title                       | Package_name           | First_Download_ms | Date & Time Conversion |
|-----------------------------|------------------------|-------------------|------------------------|
| Facebook                    | com.facebook.katana    | 1487857418598     | 2/23/2017, 8:43:38 AM  |
| Google Play Services        | com.google.android.gms | 1477858485986     | 2/23/2017, 9:01:25 AM  |
| Messenger                   | com.facebook.orca      | 1487857792365     | 2/23/2017, 8:49:52 AM  |
| POF Free Dating App         | com.pof.android        | 1487857364301     | 2/23/2017, 8:42:44 AM  |
| Waze - GPS, Maps, & Traffic | com.waze               | 1487857643449     | 2/23/2017, 8:47:23 AM  |

TABLE 1

**Question 15 Applications**

**Question 15: What is the package\_name for the Waze Application?**

**Manufacturer's Expected Response:** com.waze

| WebCode | Response   |
|---------|--|
| 3YME8V  | com.waze   |
| 4D2G3Y  | com.waze   |
| 64W7DD  | com.waze   |
| 68TVUL  | com.waze   |
| 6NG98D  | com.waze   |
| 7MPGZU  | com.waze   |
| 8AEEV   | com.waze-1   |
| 8H3CEM  | com.waze   |
| 97NRER  | com.waze   |
| 98HMTM  | com.waze   |
| 9RABMP  | com.waze   |
| 9TFVBP  | com.waze   |
| 9V63VL  | com.wave   |
| 9VLGYP  | com.waze   |
| A6RHYF  | com.waze   |
| AD36NA  | com.waze   |
| AHXWV8  | com.waze   |
| AV2ZJL  | com.waze   |
| B4Q8GH  | com.waze   |
| BC8JUJ  | com.waze   |
| BQ8KA7  | com.waze   |
| BTXG6Q  | com.waze   |
| C2XB4H  | com.waze   |
| C48JW3  | com.waze   |
| CMJ99E  | com.waze   |
| D7CNUM  | com.waze   |
| D83RG3  | com.waze   |
| DKW4WM  | com.waze   |
| EBG8GN  | com.waze [data/Root/app/com.waze-1/base.apk/AndroidManifest.xml] |
| EPJBUL  | com.waze   |
| ERPVHL  | com.waze   |
| EV8VZM  | com.waze   |
| EXUKE9  | com.waze   |
| FXTZ9K  | com.waze   |
| G7Z2ZY  | [root]/app/com.waze-1/bas.apk                                    |
| HBQEBL  | Com.waze-1/base.apk  |
| J3RRLY  | com.waze   |

TABLE 1

| Question 15 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| JCFLXV                   | com.waze   |
| JWZK26                   | com.waze   |
| KPGGU3                   | com.waze   |
| KXDJXF                   | com.waze   |
| L4YN7T                   | com.waze   |
| LBHWT6                   | com.waze (from appstate table of localappstate.db)       |
| LDKV4X                   | com.waze   |
| LHU9JB                   | com.waze   |
| LWWHP6                   | Name: "waze-GPS, Maps & Traffic" Identifier: "com.waze"  |
| M6LPM2                   | com.waze   |
| M8QFRV                   | com.waze   |
| MDK6GF                   | com.waze   |
| MEC94V                   | /root/app/com.waze-1/base.apk                            |
| MTQEC9                   | com.waze   |
| N3FNZA                   | com.waze   |
| NLQEER                   | com.waze   |
| P6YXN2                   | com.waze   |
| PDR9YW                   | com.waze-1   |
| PKPZ66                   | com.waze   |
| PL7B3C                   | Base.apk   |
| PPMK9N                   | The package_name for the Waze Application is "com.waze". |
| QDP28N                   | com.waze   |
| QW2T96                   | com.waze   |
| QWX47T                   | com.waze   |
| R99V9T                   | com.waze   |
| RDLXVN                   | base.apk (data/Root/app/com.waze-1/base.apk)             |
| RNKCFV                   | com.waze   |
| RNZTBN                   | com.waze   |
| RVW9UB                   | com.waze   |
| RYLWF3                   | com.waze   |
| TGWQJ3                   | com.waze   |
| UGD3X2                   | com.waze   |
| ULC8H7                   | Com.waze   |
| VQY8AP                   | com.waze   |
| W7KA6J                   | com.waze   |
| WGP3WY                   | com.waze   |
| WV8Q9H                   | com.waze   |
| X3GET4                   | com.waze   |
| XEG8Q2                   |  |

TABLE 1

| Question 15 Applications |          |
|--------------------------|----------|
| WebCode                  | Response |
| YM7FNW                   | com.waze |
| Z7ZDQP                   | base.apk |
| ZJ2ALW                   | com.waze |
| ZVDCAE                   | com.waze |

**Consensus Result:** com.waze

**Expected Response Explanation:**

Information about the package\_name for the Waze Application can be found within the localappstate.db database file under the appstate table. This file can be located at: data/Root/data/com.android.vending/databases/localappstate.db

**Screen Shot:**

Database: localappstate >>> Table: appstate

| <i>Title</i>                | <i>Package_Name</i> |
|-----------------------------|---------------------|
| Waze - GPS, Maps, & Traffic | com.waze            |

TABLE 1

**Question 16 Applications**

**Question 16:** Provide the POF Free Dating Application username associated with this device.

**Manufacturer's Expected Response:** bcooper1381

| WebCode | Response   |
|---------|--|
| 3YME8V  | "bcooper" or "User id= 153281764"                              |
| 4D2G3Y  | bcooper1381  |
| 64W7DD  | bcooper1381  |
| 68TVUL  | bcooper1381  |
| 6NG98D  | bcooper1381  |
| 7MPGZU  | bcooper1381  |
| 8AEEVW  | bcooper1381  |
| 8H3CEM  | bcooper1381  |
| 97NRER  | bcooper1381  |
| 98HMTM  | bcooper1381  |
| 9RABMP  | bcooper1381  |
| 9TFVBP  | bcooper1381  |
| 9V63VL  | Bcooper1381  |
| 9VLGYP  | bcooper1381  |
| A6RHYF  | bcooper1381  |
| AD36NA  | bcooper1381  |
| AHXWV8  | bcooper1381  |
| AV2ZJL  | bcooper1381  |
| B4Q8GH  | bcooper1381  |
| BC8JUJ  | bcooper1381  |
| BQ8KA7  | bcooper1381  |
| BTXG6Q  | bcooper1381  |
| C2XB4H  | bcooper1381  |
| C48JW3  | bcooper1381  |
| CMJ99E  | bcooper1381  |
| D7CNUM  | bcooper1381  |
| D83RG3  | bcooper1381  |
| DKW4WM  | bcooper1381  |
| EBG8GN  | bcooper1381 [data/Root/data/com.android/shared.prefs/null.xml] |
| EPJBUL  | bcooper1381  |
| ERPVHL  | bcooper1381  |
| EV8VZM  | bcooper1381  |
| EXUKE9  | bcooper1381  |
| FXTZ9K  | bcooper1381  |
| G7Z2ZY  | bcooper1381  |
| HBQEBL  | Vhgfyhgcx54  |
| J3RRLY  | bcooper1381  |

TABLE 1

| Question 16 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | bcooper1381   |
| JWZK26                   | bcooper1381   |
| KPGGU3                   | bcooper1381 userid = 153281764  |
| KXDJXF                   | bcooper1381   |
| L4YN7T                   | bcooper1381   |
| LBHWT6                   | bcooper1381 (from userName of null.xml)   |
| LDKV4X                   | bcooper1381   |
| LHU9JB                   | bcooper1381   |
| LWWHP6                   | bcooper1381   |
| M6LPM2                   | bcooper1381   |
| M8QFRV                   | Plenty of Fish  |
| MDK6GF                   | bcooper1381   |
| MEC94V                   | bcooper1381   |
| MTQEC9                   | bcooper1381   |
| N3FNZA                   | bcooper1381   |
| NLQEER                   | bcooper1381   |
| P6YXN2                   | bcooper1381   |
| PDR9YW                   | bcooper1381   |
| PKPZ66                   | bencooper1381@gmail.com   |
| PL7B3C                   | bcooper1381   |
| PPMK9N                   | The POF Free Dating application username associated with this device is: "bcooper1381". |
| QDP28N                   | bcooper1381   |
| QW2T96                   | bcooper1381   |
| QWX47T                   | bcooper1381   |
| R99V9T                   | bcooper1381   |
| RDLXVN                   | bcooper1381   |
| RNKCFV                   | bcooper1381   |
| RNZTBN                   | bcooper1381   |
| RVW9UB                   | bcooper1381   |
| RYLWF3                   | bcooper1381   |
| TGWQJ3                   | bcooper1381   |
| UGD3X2                   | bcooper1381   |
| ULC8H7                   | bcooper1381   |
| VQY8AP                   | Bcooper1381   |
| W7KA6J                   | bcooper1381   |
| WGP3WY                   | bcooper1381   |
| WV8Q9H                   | bcooper1381   |
| X3GET4                   | bcooper1381   |
| XEG8Q2                   | bcooper1381   |

TABLE 1

| Question 16 Applications |             |
|--------------------------|-------------|
| WebCode                  | Response    |
| YM7FNW                   | bcooper1381 |
| Z7ZDQP                   | bcooper1381 |
| ZJ2ALW                   | bcooper1381 |
| ZVDCAE                   | bcooper1381 |

**Consensus Result:** bcooper1381

**Expected Response Explanation:**

The POF Free Dating Application username can be found within the string function of the null.xml document. This file can be located at: data/Root/data/com.pof.android/shared\_prefs/null.xml

**Screen Shot:**

POF Free Dating Application Username:

userName&quot;;&quot;bcooper1381

TABLE 1

**Question 17 Applications**

Question 17: Via the POF Free Dating Application, provide the username whose sender\_profile\_id is 139693337.

Manufacturer's Expected Response: laurelmurray

| WebCode | Response   |
|---------|--|
| 3YME8V  | laurelmurray   |
| 4D2G3Y  | laurelmurray   |
| 64W7DD  | laurelmurray   |
| 68TVUL  | Laurelmurray   |
| 6NG98D  | laurelmurray   |
| 7MPGZU  | laurelmurray   |
| 8AEEVW  | laurelmurray   |
| 8H3CEM  | laurelmurray   |
| 97NRER  | laurelmurray   |
| 98HMTM  | laurelmurray   |
| 9RABMP  | laurelmurray   |
| 9TFVBP  | laurelmurray   |
| 9V63VL  | laurelmurray   |
| 9VLGYP  | laurelmurray   |
| A6RHYF  | laurelmurray   |
| AD36NA  | Laurelmurray   |
| AHXWV8  | laurelmurray   |
| AV2ZJL  | laurelmurray   |
| B4Q8GH  | laurelmurray   |
| BC8JUU  | laurelmurray   |
| BQ8KA7  | laurelmurray   |
| BTXG6Q  | laurelmurray   |
| C2XB4H  | Laurel Murray  |
| C48JW3  | laurelmurray   |
| CMJ99E  | laurelmurray   |
| D7CNUM  | laurelmurray   |
| D83RG3  | laurelmurray   |
| DKW4WM  |  |
| EBG8GN  | laurelmurray [data/Root/data/com.pof.android/databases/NOTIFICATION_CENTER/ncuser] |
| EPJBUL  | laurelmurray   |
| ERPVHL  | laurelmurray   |
| EV8VZM  | laurelmurray   |
| EXUKE9  | laurelmurray   |
| FXTZ9K  | laurelmurray   |
| G7Z2ZY  | laurelmurray   |
| HBQEBL  | laurelmurray   |
| J3RRLY  | laurelmurray   |



TABLE 1

| Question 17 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| JCFLXV                   | laurelmurray   |
| JWZK26                   | laurelmurray   |
| KPGGU3                   | laurelmurray   |
| KXDJXF                   | laurelmurray   |
| L4YN7T                   | laurelmurray   |
| LBHWT6                   | laurelmurray (from nc_user table of NOTIFICATION_CENTER database)              |
| LDKV4X                   | laurelmurray   |
| LHU9JB                   | laurelmurray   |
| LWWHP6                   | laurelmurray   |
| M6LPM2                   | laurelmurray   |
| M8QFRV                   | laurelmurray   |
| MDK6GF                   | laurelmurray   |
| MEC94V                   | Laurelmurray   |
| MTQEC9                   | laurelmurray   |
| N3FNZA                   | laurelmurray   |
| NLQEER                   | laurelmurray   |
| P6YXN2                   | laurelmurray   |
| PDR9YW                   | laurelmurray   |
| PKPZ66                   | laurelmurray   |
| PL7B3C                   | laurelmurray   |
| PPMK9N                   | The sender_profile_id 13969337 is associated with the username "laurelmurray". |
| QDP28N                   | laurelmurray   |
| QW2T96                   | laurelmurray   |
| QWX47T                   | laurelmurray   |
| R99V9T                   | laurelmurray   |
| RDLXVN                   | "laurelmurray"   |
| RNKCFV                   | laurelmurray   |
| RNZTBN                   | laurelmurray   |
| RVW9UB                   | laurelmurray   |
| RYLWF3                   | laurelmurray   |
| TGWQJ3                   | laurelmurray   |
| UGD3X2                   | laurelmurray   |
| ULC8H7                   | laurelmurray   |
| VQY8AP                   | laurelmurray   |
| W7KA6J                   | laurelmurray   |
| WGP3WY                   | laurelmurray   |
| WV8Q9H                   | laurelmurray   |
| X3GET4                   | laurelmurray   |
| XEG8Q2                   | laurelmurray   |
| YM7FNW                   | laurelmurray   |

TABLE 1

| Question 17 Applications |              |
|--------------------------|--------------|
| WebCode                  | Response     |
| Z7ZDQP                   |              |
| ZJ2ALW                   | laurelmurray |
| ZVDCAE                   | laurelmurray |

**Consensus Result:** laurelmurray

**Expected Response Explanation:**

The username for the sender\_profile\_id (139693337) can be found within the NOTIFICATION\_CENTER.db database file under the nc\_user table. This file can be located at:  
 data/Root/data/com.pof.android/databases/NOTIFICATION\_CENTER.db

**Screen Shot:**

Database: NOTIFICATION\_CENTER >>> Table: nc\_user

| sender_profile_id | sender_username |
|-------------------|-----------------|
| 139693337         | laurelmurray    |

TABLE 1

| Question 18 Applications |  |
|--------------------------|--|
|--------------------------|--|

Question 18: How many URLs were visited in Chrome?

**Manufacturer's Expected Response:** Twelve (12)

| WebCode | Response   |
|---------|--|
| 3YME8V  | 13   |
| 4D2G3Y  | 14 URLs  |
| 64W7DD  | Twelve (12)  |
| 68TVUL  | 12   |
| 6NG98D  | 13 (12 unique URLs)  |
| 7MPGZU  | 14   |
| 8AEEVW  | 14   |
| 8H3CEM  | 14   |
| 97NRER  | There were 12 different URLs listed in Chrome, however, there were 13 visits listed in Chrome.   |
| 98HMTM  | 12   |
| 9RABMP  | Twelve (12)  |
| 9TFVBP  | 12   |
| 9V63VL  | 12   |
| 9VLGYP  | 12   |
| A6RHYP  | 12   |
| AD36NA  | 12   |
| AHXWV8  | 12   |
| AV2ZJL  | 14   |
| B4Q8GH  | 12   |
| BC8JUJ  | 13   |
| BQ8KA7  | 12   |
| BTXG6Q  | 14   |
| C2XB4H  | 13   |
| C48JW3  | 12   |
| CMJ99E  | 12 different URLs were visited According to the Chrome History database, 12 different URLs were visited. According to the Web History category, 14 URL entries were reported but two of those were duplicates (Loudon County and Public Storage®). This is consistent with 12 different URLs visited that was reported by the database file. |
| D7CNUM  | 12   |
| D83RG3  | Twelve (12)  |
| DKW4WM  | 14   |
| EBG8GN  | 12 URLs were visited, however two one was visited twice ( <a href="https://www.loudoun.gov/claudemoorpark">https://www.loudoun.gov/claudemoorpark</a> AND <a href="https://m.publicstorage.com/">https://m.publicstorage.com/</a> )  |
| EPJBUL  | 12   |
| ERPVHL  | 14   |
| EV8VZM  | 14 visited (includes URLs accessed more than once and one deleted entry to <a href="https://m.publicstorage.com/">https://m.publicstorage.com/</a> )   |
| EXUKE9  | 12   |
| FXTZ9K  | 12 (There were 12 different URL's visited; however, one was visited twice.)  |

TABLE 1

| Question 18 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| G7Z2ZY                   | 134   |
| HBQEBL                   | Fourteen (14)   |
| J3RRLY                   | 12 (12 unique URLs. 14 listed in log, 1 deleted repeat & 1 URL visited twice).  |
| JCFLXV                   | Total: 14, unique: 12   |
| JWZK26                   | 12  |
| KPGGU3                   | 12  |
| KXDJXF                   | 14  |
| L4YN7T                   | 12  |
| LBHWT6                   | 12 distinct URLs were visited. However, one of the URLs was visited twice; the second visit occurred within two seconds of the initial visit. (from urls table of History database) |
| LDKV4X                   | 12  |
| LHU9JB                   | 12  |
| LWWHP6                   | 13  |
| M6LPM2                   | 14 (1 deleted)  |
| M8QFRV                   | 12  |
| MDK6GF                   | 12 unique URL's (excluding deleted and multiple visits of the same URL)   |
| MEC94V                   | 13  |
| MTQEC9                   | 12  |
| N3FNZA                   | 14  |
| NLQEER                   | 12  |
| P6YXN2                   | There are 12 different URLs according to the Chrome Database. One of the 12 URLs, www.loudoun.gov, was visited twice.   |
| PDR9YW                   | 12  |
| PKPZ66                   | 13  |
| PL7B3C                   | 12 (plus 2 repeated URLs visited)   |
| PPMK9N                   | 12 unique URLs were visited in Chrome, however 14 visits were made, including one that was deleted.   |
| QDP28N                   | 14  |
| QW2T96                   | 12  |
| QWX47T                   | 13  |
| R99V9T                   | 12  |
| RDLXVN                   | 14  |
| RNKCFV                   | 12  |
| RNZTBN                   | Twelve (12)   |
| RVW9UB                   | 13  |
| RYLWF3                   | 12  |
| TGWQJ3                   | 14 (13 live and 1 deleted)  |
| UGD3X2                   | 14  |
| ULC8H7                   | 14  |
| VQY8AP                   | 12  |
| W7KA6J                   | Twelve (12)   |

TABLE 1

| Question 18 Applications |          |
|--------------------------|----------|
| WebCode                  | Response |
| WGP3WY                   | 14       |
| WV8Q9H                   | 12       |
| X3GET4                   | 12       |
| XEG8Q2                   | 14       |
| YM7FNW                   | 12       |
| Z7ZDQP                   | 14       |
| ZJ2ALW                   | 12       |
| ZVDCAE                   | 12       |

**Consensus Result:** Due to the ambiguity of the question, the following answers were accepted. There were a total of 14 URLs visited, including deleted and duplicates. If the duplicated visit was ignored, there were 13 visits to different URLs. If the deleted URL was not included in the counts, then there were 12 unique URLs visited using Chrome.

**Expected Response Explanation:**

There were a total of 14 URLs, including deleted and duplicates. One of the URLs "https://m.publicstorage.com/" was deleted, making it 13 visits to different URLs. Of these 13 URLs, "http://www.loudoun.gov/claudemoorespark" was visited twice. Hence, there were 12 unique URLs visited using Chrome. The number of URLs can be found within the Google Chrome History.db database file under the urls table. Information about this file can be located at: data/Root/data/com.android.chrome/app\_chrome/Default/Chrome

**Screen Shot:**

Database: History >>> Table: urls

|    | URL   | Last Visited       |        | Deleted |
|----|---|--------------------|--------|---------|
| 1  | http://whatculture.com/science/10-ways-to-dispose-of-a-dead-        | 3/2/2017 01:17:33  | Chrome |         |
| 2  | http://www.healthprose.org/xanax/                                   | 3/1/2017 01:22:16  | Chrome |         |
| 3  | http://killmywife.blogspot.com/2008/12/101-ways-to-get-rid-of-your- | 3/1/2017 12:43:13  | Chrome |         |
| 4  | https://www.helpguide.org/articles/stress/stress-                   | 2/28/2017 03:21:06 | Chrome |         |
| 5  | http://www.rd.com/health/conditions/natural-anxiety-relief/         | 2/28/2017 03:03:53 | Chrome |         |
| 6  | http://www.healthline.com/health/depression/help-for-depression     | 2/28/2017 02:54:40 | Chrome |         |
| 7  | http://elitedaily.com/dating/save-relationship-couples-             | 2/28/2017 02:42:45 | Chrome |         |
| 8  | https://m.publicstorage.com/  | 2/28/2017 08:22:03 | Chrome |         |
| 9  | https://www.nationaldebtrelief.com/                                 | 2/27/2017 02:26:41 | Chrome |         |
| 10 | http://m.wikihow.com/Improve-Your-Relationship-With-Your-           | 2/27/2017 01:55:01 | Chrome |         |
| 11 | https://www.loudoun.gov/claudemoorespark                            | 2/27/2017 11:33:47 | Chrome |         |
| 12 | https://www.loudoun.gov/claudemoorespark                            | 2/27/2017 11:33:45 | Chrome |         |
| 13 | https://www.washingtonian.com/2015/11/04/washington-dcs-best-       | 2/27/2017 10:36:41 | Chrome |         |
| 14 | https://m.publicstorage.com/  |                    | Chrome | Yes     |

TABLE 1

| Question 19 Applications   |   |
|--|---|
| <b>Question 19: What is the title of the last website visited in Google Chrome?</b>                  |   |
| <b>Manufacturer's Expected Response:</b> 10 Ways To Dispose Of A Dead Body (If You Really Needed To) |   |
| WebCode  | Response  |
| 3YME8V   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 4D2G3Y   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 64W7DD   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 68TVUL   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 6NG98D   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 7MPGZU   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 8AEVW  | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 8H3CEM   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 97NRER   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 98HMTM   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 9RABMP   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 9TFVBP   | 10 Ways to Dispose of A dead Body (If You Really Needed To)   |
| 9V63VL   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| 9VLGYP   | 10 Ways to dispose of a dead body (If you really needed to)   |
| A6RHYF   | <a href="http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to">http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to</a> |
| AD36NA   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| AHXWV8   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| AV2ZJL   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| B4Q8GH   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| BC8JUJ   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| BQ8KA7   | 10 ways to dispose of a body (If you Really Needed to)  |
| BTXG6Q   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| C2XB4H   | 10 Ways to dispose of a dead body (if you really needed to)   |
| C48JW3   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| CMJ99E   | 10 Ways to Dispose Of A Dead Body (If You Really Needed To)   |
| D7CNUM   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| D83RG3   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| DKW4WM   | 10 ways to dispose of a dead body (if you really need to)   |
| EBG8GN   | whatculture.com was visited last 02 March 2017 18:17:33 EDT(after the clocks advanced at 02:00 on 2nd March from EST)   |
| EPJBUL   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| ERPVHL   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| EV8VZM   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| EXUKE9   | <a href="http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to">http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to</a> |
| FXTZ9K   | 10 Ways To Dispose of A Dead Body (If You Really Needed To)   |
| G7Z2ZY   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |
| HBQEBL   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)   |

TABLE 1

| Question 19 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| J3RRLY                   | whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to  |
| JCFLXV                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| JWZK26                   | 10 ways to dispose of a dead body (if you really need to)  |
| KPGGU3                   | 10 ways to dispose of a dead body (if you really needed to)  |
| KXDJXF                   | 10 Ways To Dispose Of A Dead Body (If You Really Need To)  |
| L4YN7T                   | 10 Ways to Dispose of a dead body (if you really needed to)  |
| LBHWT6                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To) (from urls table of History database)                        |
| LDKV4X                   | http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to                                 |
| LHU9JB                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| LWVHP6                   | 10 Ways to Dispose Of A Dead Body (If You Really Needed To)  |
| M6LPM2                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| M8QFRV                   | http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to                                 |
| MDK6GF                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| MEC94V                   | "10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to"  |
| MTQEC9                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| N3FNZA                   | whatculture.com  |
| NLQEER                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| P6YXN2                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| PDR9YW                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| PKPZ66                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| PL7B3C                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| PPMK9N                   | The title of the last website visited in Google Chrome is "10 Ways to Dispose Of A Dead Body (If You Really Needed To)". |
| QDP28N                   | 10 ways to dispose of a Dead Body (if you Really Needed To)  |
| QW2T96                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| QWX47T                   | 10 Ways to Dispose Of a Dead Body (If you Really Needed To)  |
| R99V9T                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| RDLXVN                   | http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to                                 |
| RNKCFV                   | http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-need-to                                   |
| RNZTBN                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| RVW9UB                   | Buy Xanax Online cheap Without Prescription overnight delivery - healthprose   |
| RYLWF3                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| TGWQJ3                   | 10 Ways To Dispose of A Dead Body (If You Really Needed To)  |
| UGD3X2                   | 10 Ways To Dispose of A Dead Body (If You Really Nedded To)  |
| ULC8H7                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| VQY8AP                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| W7KA6J                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| WGP3WY                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| WV8Q9H                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| X3GET4                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |

TABLE 1

| Question 19 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| XEG8Q2                   | 10 ways to dispose of a dead body (if you really needed to)  |
| YM7FNW                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| Z7ZDQP                   | <a href="http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to">http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to</a>    |
| ZJ2ALW                   | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)  |
| ZVDCAE                   | <a href="http://www.whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to">www.whatculture.com/science/10 ways to dispose of a dead body if you really need to.com</a> |

**Consensus Result:** The title "10 Ways To Dispose Of A Dead Body (If You Really Needed To)" and the URL "<http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to>".

**Expected Response Explanation:**

The title of the last website visited in Google Chrome can be determined by viewing the last record within the urls table of Google Chrome History.db database file. This file can be located at: data/Root/data/com.android.chrome/app\_chrome/Default/History

**Screen Shot:**

Database: History >>> Table: urls

|    | Title  |
|----|--|
| 1  | 10 Ways To Dispose Of A Dead Body (If You Really Needed To)      |
| 2  | Buy Xanax Online cheap Without Prescription overnight delivery - |
| 3  | Kill my wife: 101 Ways to Get Rid of Your Wife without killing   |
| 4  | Stress Management: Simple Tips to Get Stress in Check and        |
| 5  | Natural Anxiety Remedies: 10 Ways to Get Relief   Reader's       |
| 6  | Help for Depression: Treatment Options and Where to Find Help    |
| 7  | 9 Ways To Save Your Relationship Before Going To Couples         |
| 8  | Public Storage® - Self-Storage Units at Thousands of Facilities  |
| 9  | National Debt Relief - BBB Accredited Business                   |
| 10 | How to Improve Your Relationship With Your Spouse (with          |
| 11 | Loudoun County, VA   |
| 12 | Loudoun County, VA   |
| 13 | Washington, DC's Best Lawyers: Divorce and Family Law            |
| 14 | Public Storage® - Self-Storage Units at Thousands of Facilities  |

**Website URL**

|   |
|---|
| <a href="http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to">http://whatculture.com/science/10-ways-to-dispose-of-a-dead-body-if-you-really-needed-to</a>         |
| <a href="http://www.healthprose.org/xanax/">http://www.healthprose.org/xanax/</a>   |
| <a href="http://killmywife.blogspot.com/2008/12/101-ways-to-get-rid-of-your-wife.html?m=1">http://killmywife.blogspot.com/2008/12/101-ways-to-get-rid-of-your-wife.html?m=1</a>                         |
| <a href="https://www.helpguide.org/articles/stress/stress-management.htm">https://www.helpguide.org/articles/stress/stress-management.htm</a>   |
| <a href="http://www.rd.com/health/conditions/natural-anxiety-relief/">http://www.rd.com/health/conditions/natural-anxiety-relief/</a>   |
| <a href="http://www.healthline.com/health/depression/help-for-depression">http://www.healthline.com/health/depression/help-for-depression</a>   |
| <a href="http://elitedaily.com/dating/save-relationship-couples-therapy/1468254/">http://elitedaily.com/dating/save-relationship-couples-therapy/1468254/</a>   |
| <a href="https://m.publicstorage.com/">https://m.publicstorage.com/</a>   |
| <a href="https://www.nationaldebtrelief.com/">https://www.nationaldebtrelief.com/</a>   |
| <a href="http://m.wikihow.com/Improve-Your-Relationship-With-Your-Spouse">http://m.wikihow.com/Improve-Your-Relationship-With-Your-Spouse</a>   |
| <a href="https://www.loudoun.gov/claudemoorespark">https://www.loudoun.gov/claudemoorespark</a>   |
| <a href="https://www.loudoun.gov/claudemoorespark">https://www.loudoun.gov/claudemoorespark</a>   |
| <a href="https://www.washingtonian.com/2015/11/04/washington-dcs-best-lawyers-divorce-and-family-law/">https://www.washingtonian.com/2015/11/04/washington-dcs-best-lawyers-divorce-and-family-law/</a> |
| <a href="https://m.publicstorage.com/">https://m.publicstorage.com/</a>   |



TABLE 1

**Question 20 Applications**

**Question 20: How many calendar events are listed on this device?**

**Manufacturer's Expected Response:** Four (4)

| WebCode | Response   |
|---------|--|
| 3YME8V  | 4  |
| 4D2G3Y  | 4 events   |
| 64W7DD  | Four (4)   |
| 68TVUL  | 4  |
| 6NG98D  | 4  |
| 7MPGZU  | 4  |
| 8AEEV   | 4  |
| 8H3CEM  | 4  |
| 97NRER  | 4  |
| 98HMTM  | 4  |
| 9RABMP  | Four (04)  |
| 9TFVBP  | 4  |
| 9V63VL  | 4  |
| 9VLGYP  | 4  |
| A6RHYF  | 4  |
| AD36NA  | 4  |
| AHXWV8  | 4  |
| AV2ZJL  | 4  |
| B4Q8GH  | 4  |
| BC8JUJ  | 4  |
| BQ8KA7  | 4  |
| BTXG6Q  | 4  |
| C2XB4H  | 4  |
| C48JW3  | 4  |
| CMJ99E  | 4  |
| D7CNUM  | 4  |
| D83RG3  | Four (4)   |
| DKW4WM  | 4  |
| EBG8GN  | 4 : Jack's Birthday - 15 May 2017 20:00(UTC -04:00) Nicole's Birthday - 26 March 2017 20:00 (UTC -04:00) Hike at Balls Bluff Regional Park - Leesburg - 01 March 2017 14:00 (UTC -05:00) Doctor Smith - 28 February 2017 18:30 (UTC -05:00)<br>[data/Root/data/com.android.providers.calendar/databases/calendar.db] |
| EPJBUL  | 4  |
| ERPVHL  | 4  |
| EV8VZM  | 4  |
| EXUKE9  | 4  |
| FXTZ9K  | 4  |
| G7Z2ZY  | 4  |

TABLE 1

| Question 20 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| HBQEBL                   | Four (4)  |
| J3RRLY                   | 4   |
| JCFLXV                   | 4   |
| JWZK26                   | 4   |
| KPGGU3                   | 4   |
| KXDJXF                   | 4   |
| L4YN7T                   | 4   |
| LBHWT6                   | 4 (from Events table of calendar.db)                  |
| LDKV4X                   | Four (4)  |
| LHU9JB                   | Four  |
| LWWHP6                   | 4   |
| M6LPM2                   | 4   |
| M8QFRV                   | 4   |
| MDK6GF                   | 4   |
| MEC94V                   | 4   |
| MTQEC9                   | 4   |
| N3FNZA                   | 4   |
| NLQEER                   | 4   |
| P6YXN2                   | 4   |
| PDR9YW                   | 4   |
| PKPZ66                   | 4   |
| PL7B3C                   | 4   |
| PPMK9N                   | There are four calendar events listed on this device. |
| QDP28N                   | 4   |
| QW2T96                   | 4   |
| QWX47T                   | 4   |
| R99V9T                   | 4   |
| RDLXVN                   | 4   |
| RNKCFV                   | 4   |
| RNZTBN                   | Four (4)  |
| RVW9UB                   | 4   |
| RYLWF3                   | 4   |
| TGWQJ3                   | 4   |
| UGD3X2                   | 4   |
| ULC8H7                   | 4   |
| VQY8AP                   | 4   |
| W7KA6J                   | Four (4)  |
| WGP3WY                   | 4   |
| WV8Q9H                   | 4   |
| X3GET4                   | 4   |

TABLE 1

| Question 20 Applications |          |
|--------------------------|----------|
| WebCode                  | Response |
| XEG8Q2                   | 4        |
| YM7FNW                   | 4        |
| Z7ZDQP                   | 4        |
| ZJ2ALW                   | 4        |
| ZVDCAE                   | 4        |

**Consensus Result:** Four (4)

**Expected Response Explanation:**

The number of calendar events on this device can be found within the calendar.db database file under the events table. This file can be located at: data/Root/data/com.android.providers.calendar/databases/calendar.db

**Screen Shot:**

Database: calendar >>> Table: events

| _id | title  |
|-----|--|
| 1   | Nicole's Birthday                            |
| 2   | Jack's Birthday                              |
| 5   | Doctor Smith                                 |
| 6   | Hike at Balls Bluff Regional Park - Leesburg |

TABLE 1

**Question 21 Applications**

**Question 21: Provide the calendar event names listed in the calendar database.**

**Manufacturer's Expected Response:** Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg

| WebCode | Response  |
|---------|---|
| 3YME8V  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 4D2G3Y  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| 64W7DD  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 68TVUL  | "Nicole's Birthday", "Jack's Birthday", "Doctor Smith", "Hike at Balls Bluff Regional Park - Leesburg"  |
| 6NG98D  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 7MPGZU  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 8AEEVV  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| 8H3CEM  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 97NRER  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 98HMTM  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| 9RABMP  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| 9TFVBP  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| 9V63VL  | Jack's Birthday, Nicole's Birthday, Hike at balls Bluff Regional Park - Leesburg, Doctor Smith  |
| 9VLGYP  | Jacks birthday, Nikole's birthday, Hike at Balls Bluff Regional Park -Leesburg, Doctor Smith  |
| A6RHYF  | Nicole's Birthday, Jack's Birthday, Hike at Balls Bluff Regional Park - Leesburg and Doctor Smith   |
| AD36NA  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| AHXWV8  | -Nicole's Birthday -Jack's Birthday -Doctor Smith -Hike at Balls Bluff Regional Park - Leesburg   |
| AV2ZJL  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| B4Q8GH  | Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg, Jack's Birthday, Nicole's Birthday  |
| BC8JUJ  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| BQ8KA7  | Doctor Smith, Jack's Birthday Nicole's Birthday Hike at Balls Bluff Regional Park - Leesburg  |
| BTXG6Q  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| C2XB4H  | Jack's Birthday, Nicole's Birthday, Doctor Smith, Hike at Bulls Bluff Regional Park - Leesburg  |
| C48JW3  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| CMJ99E  | Nicole's Birthday, Jack's Birthday, Doctor Smith, and Hike at Balls Bluff Regional Park - Leesburg  |
| D7CNUM  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| D83RG3  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| DKW4WM  | Jack, Nicole, Dr.Smith  |
| EBG8GN  | Jack's Birthday - 15 May 2017 20:00(UTC -04:00), Nicole's Birthday - 26 March 2017 20:00 (UTC -04:00), Hike at Balls Bluff Regional Park - Leesburg - 01 March 2017 14:00 (UTC -05:00), Doctor Smith - 28 February 2017 18:30 (UTC -05:00) [File Systems/data/Root/data/com.android.providers.calendar/databases/calendar.db] |
| EPJBUL  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| ERPVHL  | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, & Doctor Smith  |
| EV8VZM  | (1) Nicole's Birthday (2) Jack's Birthday (5) Doctor Smith (6) Hike at Balls Bluff Regional Park - Leesburg.  |
| EXUKE9  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| FXTZ9K  | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |

TABLE 1

| Question 21 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| G7Z2ZY                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| HBQEEL                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| J3RRLY                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| JCFLXV                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| JWZK26                   | Jacks Birthday, Nicoles Birthday, Hike to Balls Bluff Regional Park, Lessburg, Doctor Smith  |
| KPGGU3                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Bull Bluff Regional Park - Leesburg  |
| KXDJXF                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| L4YN7T                   | Jack's Birthday, Nicole's Birthday, Hike at Balls bluff regional park - Leesburg, Doctor Smith   |
| LBHWT6                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, & Hike at Balls Bluff Regional Park - Leesburg (from Events table of calendar.db)  |
| LDKV4X                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| LHU9JB                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| LWWHP6                   | "Jack's Birthday", "Nicole's Birthday", "Hike at Balls Bluff Regional Park - Leesburg", and "Doctor Smith"   |
| M6LPM2                   | Nicole's Birthday Jack's Birthday Doctor Smith Hike at Balls Bluff Regional Park - Leesburg  |
| M8QFRV                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| MDK6GF                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| MEC94V                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| MTQEC9                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| N3FNZA                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| NLQEER                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| P6YXN2                   | There is no category within this table labeled "event names." However, the "titles" are listed. Nicole's Birthday, Jack's Birthday, Doctor Smith, and Hike at Balls Bluff Regional Park - Leesburg |
| PDR9YW                   | Nicole's bday, Jack's bday, Dr smith, Hike at balls bluff reg park - leesburg  |
| PKPZ66                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| PL7B3C                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| PPMK9N                   | The four calendar event names listed in the calendar database are listed as: "Nicole's Birthday", "Jack's Birthday", "Doctor Smith", and "Hike at Balls Bluff Regional Park - Leesburg".           |
| QDP28N                   | Nicole's Birthday, Jack's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| QW2T96                   | Nicole's Birthday, Jack's Birthday, Doctor Smith and Hike at Balls Bluff Regional Park - Leesburg  |
| QWX47T                   | Hike at Balls Bluff Regional Park - Leesburg, Nicole's Birthday, Jack's Birthday, Doctor Smith   |
| R99V9T                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| RDLXVN                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| RNKCFV                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| RNZTBN                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| RVW9UB                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| RYLWF3                   | Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg, Nicole's Birthday, Jack's Birthday   |
| TGWQJ3                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg   |
| UGD3X2                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| ULC8H7                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |
| VQY8AP                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith   |

TABLE 1

| Question 21 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| W7KA6J                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| WGP3WY                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| WV8Q9H                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| X3GET4                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| XEG8Q2                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Ball's Bluff Regional Park - Leesburg |
| YM7FNW                   | Jack's Birthday, Nicole's Birthday, Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith  |
| Z7ZDQP                   | Hike at Balls Bluff Regional Park - Leesburg, Doctor Smith, Jack's Birthday & Nicole's Birthday |
| ZJ2ALW                   | Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg  |
| ZVDCAE                   | Jack's Bday, Nicole's Bday, Hike at Balls Bluff Regional Park- Leesburg, Doctor Smith           |

**Consensus Result:** Nicole's Birthday, Jack's Birthday, Doctor Smith, Hike at Balls Bluff Regional Park - Leesburg

**Expected Response Explanation:**

A list of the calendar events on this device can be found within the calendar.db database file under the events table. This file can be located at: data/Root/data/com.android.providers.calendar/databases/calendar.db

**Screen Shot:**

Database: calendar >>> Table: events

| _id | title  |
|-----|--|
| 1   | Nicole's Birthday                            |
| 2   | Jack's Birthday                              |
| 5   | Doctor Smith                                 |
| 6   | Hike at Balls Bluff Regional Park - Leesburg |

TABLE 1

**Question 22 Applications**

**Question 22: What are the memos (names) of the alarms that were named?**

**Manufacturer's Expected Response:** Wake up for work, Feed Jack

| WebCode | Response   |
|---------|--|
| 3YME8V  | "Wake up for work", "Feed Jack"  |
| 4D2G3Y  | Wake up for work, Feed Jack  |
| 64W7DD  | Wake up for work, Feed Jack  |
| 68TVUL  | "Feed Jack" , "Wake up for work"   |
| 6NG98D  | Wake up for work, Feed Jack  |
| 7MPGZU  | Wake up for work, Feed Jack  |
| 8AEEVW  | Wake up for work, Feed Jack  |
| 8H3CEM  | Wake up for work, Feed Jack  |
| 97NRER  | Wake up for Work, Feed Jack  |
| 98HMTM  | Wake up for work, Feed Jack  |
| 9RABMP  | Wake up for work, Feed Jack  |
| 9TFVBP  | Wake up for work, Feed Jack  |
| 9V63VL  | Wake up for work, Feed Jack  |
| 9VLGYP  | Wake up for work, Feed Jack  |
| A6RHYP  |  |
| AD36NA  | Wake up for work, Feed Jack  |
| AHXWV8  | wake up for work, Feed Jack  |
| AV2ZJL  | Wake up for work, Feed Jack  |
| B4Q8GH  | 1.Wake up for work 2.Feed Jack 3. blank  |
| BC8JUJ  | Wake up for work, Feed Jack  |
| BQ8KA7  | Wake up for work, Feed Jack  |
| BTXG6Q  | Wake Up For Work, Feed Jack  |
| C2XB4H  | Wake up for work, Feed Jack  |
| C48JW3  | "Wake up for work", "Feed Jack"  |
| CMJ99E  | Wake up for work and Feed Jack   |
| D7CNUM  | Wake up for work, Feed Jack  |
| D83RG3  | Wake up for work, Feed Jack  |
| DKW4WM  | Hike at Balls Bluff Regional Park - Leesburg   |
| EBG8GN  | Windflower.ogg White_Rabbit.ogg Voice_of_Nature.ogg Timer.ogg Temple_Stay.ogg Shampoo.ogg Running.ogg Music_Box.ogg Morning_Scent.ogg Melody_Alarm.ogg Journey.ogg Headline.ogg Dawning_Sky.ogg Country_Road.ogg Clockwork.ogg Cello.ogg Beautiful_Day.ogg Acappella_Good_Morning.ogg two more were recorded but not 'named' : Alarm_2.ogg Alarm_1.ogg |
| EPJBUL  | Wake up for work, Feed Jack  |
| ERPVHL  | "Wake up for work" & "Feed Jack"   |
| EV8VZM  | Feed Jack, Wake for Work   |
| EXUKE9  | Wake up for work, Feed Jack  |
| FXTZ9K  | Wake up for work, Feed Jack  |
| G7Z2ZY  | Feed Jack, Wake up for work  |

TABLE 1

| Question 22 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| HBQEBL                   | (Blank), Wake up for work, Feed Jack   |
| J3RRLY                   | Wake up for work, Feed Jack (2 named. 3 in total, 1 blank)                     |
| JCFLXV                   | Wake up for work, Feed Jack  |
| JWZK26                   | Wake up for work, Feed Jack  |
| KPGGU3                   | Feed Jack, Wake up for work  |
| KXDJXF                   | Wake up for work, Feed Jack  |
| L4YN7T                   | wake up for work and Feed Jack   |
| LBHWT6                   | Wake up for work & Feed Jack (from alarms table of alarms.db)                  |
| LDKV4X                   | Wake up for work, Feed Jack  |
| LHU9JB                   | Wake up for work, Feed Jack  |
| LWWHP6                   | "Wake Up for Work" and "Feed Jack"   |
| M6LPM2                   | Feed Jack, Wake up for work, (unnamed)   |
| M8QFRV                   | Wake up for work, Feed Jack  |
| MDK6GF                   | Wake up for work, Feed Jack  |
| MEC94V                   | Wake Up for work, Feed Jack  |
| MTQEC9                   | Wake up for work, Feed Jack  |
| N3FNZA                   | Wake up for work, Feed Jack  |
| NLQEER                   | Wake up for work, Feed Jack  |
| P6YXN2                   | Wake up for work and Feed Jack   |
| PDR9YW                   | wake up for work, Feed Jack  |
| PKPZ66                   | Wake up for work, Feed Jack  |
| PL7B3C                   | Wake up for work, Feed Jack  |
| PPMK9N                   | The memos (names) of the alarms were named "Wake up for Work" and "Feed Jack". |
| QDP28N                   | none   |
| QW2T96                   | Wake up for work and Feed Jack   |
| QWX47T                   | Wake up for work, Feed Jack  |
| R99V9T                   | Wake up for work, Feed Jack  |
| RDLXVN                   | 1. Without memo 2. "Wake up for work" 3. "Feed Jack"                           |
| RNKCFV                   | Wake up for work, Feed Jack  |
| RNZTBN                   | Wake up for work, Feed Jack  |
| RVW9UB                   | First one has no memo (name), Wake up for work, Feed Jack                      |
| RYLWF3                   | Wake up for work, Feed Jack  |
| TGWQJ3                   | Wake up for work, Feed Jack  |
| UGD3X2                   | Jack, Nicole, Doctor Smith   |
| ULC8H7                   | Wake up for work, Feed Jack  |
| VQY8AP                   | Wake up for work, Feed Jack  |
| W7KA6J                   | Wake up for work, Feed Jack  |
| WGP3WY                   | Wake up for work, Feed Jack  |
| WV8Q9H                   | Wake up for work, Feed Jack  |



TABLE 1

| Question 22 Applications |                              |
|--------------------------|------------------------------|
| WebCode                  | Response                     |
| X3GET4                   | Wake up for work, Feed Jack  |
| XEG8Q2                   | 1, 2, 3, 4                   |
| YM7FNW                   | Wake up for work & Feed Jack |
| Z7ZDQP                   | Wake up for work & Feed Jack |
| ZJ2ALW                   | Wake up for work, Feed Jack  |
| ZVDCAE                   | wake up for work, feed jack  |

**Consensus Result:** Wake up for work, Feed Jack

**Expected Response Explanation:**

Information about the memos for the alarms can be found within the alarms.db database file under the alarms table. This file can be located at: data/Root/data/com.lge.clock/databases/alarms.db

**Screen Shot:**

Database: alarms >>> Table: alarms

|                  |
|------------------|
| memo             |
| Wake up for work |
| Feed Jack        |

TABLE 1

**Question 23 Applications**

**Question 23: How many locations were visited via Waze?**

**Manufacturer's Expected Response:** Three (3)

| WebCode | Response  |
|---------|---|
| 3YME8V  | 3   |
| 4D2G3Y  | 3   |
| 64W7DD  | Three (3)   |
| 68TVUL  | 3   |
| 6NG98D  | 3   |
| 7MPGZU  | 3   |
| 8AEEVW  | 3   |
| 8H3CEM  | 3   |
| 97NRER  | 3   |
| 98HMTM  | 3   |
| 9RABMP  | Three (03)  |
| 9TFVBP  | 3   |
| 9V63VL  | 3   |
| 9VLGYP  | 3   |
| A6RHYF  | 46105 Loudoun Park Lane, Sterling, Virginia Leesburg, VA 7700 Bull Run Dr, Virginia |
| AD36NA  | 3   |
| AHXWV8  | 3   |
| AV2ZJL  | Three (3)   |
| B4Q8GH  | 3   |
| BC8JUJ  | 3   |
| BQ8KA7  | 3   |
| BTXG6Q  | 3   |
| C2XB4H  | 3   |
| C48JW3  | 3   |
| CMJ99E  | 3   |
| D7CNUM  | 3   |
| D83RG3  | Three (3)   |
| DKW4WM  | 3   |
| EBG8GN  | 3   |
| EPJBUL  | 3   |
| ERPVHL  | 3   |
| EV8VZM  | 3   |
| EXUKE9  | 3   |
| FXTZ9K  | 3   |
| G7Z2ZY  | 3   |
| HBQEBL  | Three (3)   |
| J3RRLY  | 3   |

TABLE 1

| Question 23 Applications |   |
|--------------------------|---|
| WebCode                  | Response                                      |
| JCFLXV                   | 3   |
| JWZK26                   | 3   |
| KPGGU3                   | 3   |
| KXDJXF                   | 3   |
| L4YN7T                   | 3   |
| LBHWT6                   | 3 (from PLACES and RECENTS tables of user.db) |
| LDKV4X                   | Three (3)                                     |
| LHU9JB                   | Three   |
| LWWHP6                   | 3   |
| M6LPM2                   | 3   |
| M8QFRV                   | 3   |
| MDK6GF                   | 3   |
| MEC94V                   | 3   |
| MTQEC9                   | 3   |
| N3FNZA                   | 3   |
| NLQEER                   | 3   |
| P6YXN2                   | 3 locations                                   |
| PDR9YW                   | 3   |
| PKPZ66                   | 3   |
| PL7B3C                   | 3   |
| PPMK9N                   | Three locations were visited via Waze.        |
| QDP28N                   | 3   |
| QW2T96                   | 3   |
| QWX47T                   | 3   |
| R99V9T                   | 3   |
| RDLXVN                   | 3   |
| RNKCFV                   | 3   |
| RNZTBN                   | Three (3)                                     |
| RWW9UB                   | 3   |
| RYLWF3                   | 3   |
| TGWQJ3                   | 3   |
| UGD3X2                   | 3   |
| ULC8H7                   | 3   |
| VQY8AP                   | 3   |
| W7KA6J                   | Three (3)                                     |
| WGP3WY                   | 3   |
| WV8Q9H                   | 3   |
| X3GET4                   | 3   |
| XEG8Q2                   | 3   |
| YM7FNW                   | 3   |

TABLE 1

| Question 23 Applications |          |
|--------------------------|----------|
| WebCode                  | Response |
| Z7ZDQP                   | 3        |
| ZJ2ALW                   | 3        |
| ZVDCAE                   | 3        |

**Consensus Result:** Three (3)

**Expected Response Explanation:**

Information about the number of locations visited via Waze can be found within the user.db database file under the "places" table and "recents" table. This file can be located at: data/Root/data/com.waze/user.db

**Screen Shot:**

Database: user >>> Table: places

| id | name  |
|----|---|
| 1  | 46105 Loudoun Park Lane, Sterling, Virginia |
| 2  | Leesburg, VA                                |
| 3  | 7700 Bull Run Dr, Virginia                  |

Database: user >>> Table: recents

| place_id | name                                   |
|----------|--|
| 1        | Claude Moore Park                      |
| 2        | Ball's Bluff Battlefield Regional Park |
| 3        | Bull Run Regional Park                 |

TABLE 1

**Question 24 Applications**

**Question 24:** Provide the location names visited via Waze from the "Recents" table.

**Manufacturer's Expected Response:** Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park

| WebCode | Response  |
|---------|---|
| 3YME8V  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 4D2G3Y  | 1. Claude Moore Park 2. Ball's Bluff Battlefield Regional Park 3. Bull Run Regional Park  |
| 64W7DD  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 68TVUL  | "Claude Moore Park", "Ball's Bluff Battlefield Regional Park", "Bull Run Regional Park"   |
| 6NG98D  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 7MPGZU  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 8AEEVV  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 8H3CEM  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 97NRER  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 98HMTM  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 9RABMP  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| 9TFVBP  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| 9V63VL  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| 9VLGYP  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| A6RHYF  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| AD36NA  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| AHXWV8  | Bull Run Regional Park  |
| AV2ZJL  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| B4Q8GH  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| BC8JUJ  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| BQ8KA7  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| BTXG6Q  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| C2XB4H  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| C48JW3  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| CMJ99E  | Claude Moore Park, Ball's Bluff Battlefield Regional Park and Bull Run Regional Park  |
| D7CNUM  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| D83RG3  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| DKW4WM  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| EBG8GN  | Bull Run Regional Park Bull Run Dr, 7700, Virginia 03-Mar-17 10:26:04(UTC-5), Ball's Bluff Battlefield Regional Park Leesburg, VA 01-Mar-17 13:42:58(UTC-5), Claude Moore Park Loudoun Park Lane, 46105, Sterling, Virginia 27-Feb-17 12:00:46(UTC-5) |
| EPJBUL  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| ERPVHL  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, & Claude Moore Park   |
| EV8VZM  | 'Claude Moore Park' 'Ball's Bluff Battlefield Regional Park' 'Bull Run Regional Park'   |
| EXUKE9  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| FXTZ9K  | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| G7Z2ZY  | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |

TABLE 1

| Question 24 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| HBQEBL                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| J3RRLY                   | Claude Moore Park, Balls Bluff Battlefield Regional Park, Bull Run Regional Park  |
| JCFLXV                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| JWZK26                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| KPGGU3                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| KXDJXF                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| L4YN7T                   | Claude Moore Park, Balls's Bluff Battlefield Regional Park, and Bull Run Regional Park  |
| LBHWT6                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, & Bull Run Regional Park (from RECENTS table of user.db)   |
| LDKV4X                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| LHU9JB                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| LWWHP6                   | "Claude Moore Park", "Ball's Bluff Battlefield Regional Park", and "Bull Run Regional Park"   |
| M6LPM2                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| M8QFRV                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| MDK6GF                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| MEC94V                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| MTQEC9                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| N3FNZA                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| NLQEER                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| P6YXN2                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, and Bull Run Regional Park   |
| PDR9YW                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| PKPZ66                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| PL7B3C                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| PPMK9N                   | The location names visited via Waze from the "Recents" table were: "Claude Moore Park", "Ball's Bluff Battlefield Regional Park", and "Bull Run Regional Park". |
| QDP28N                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| QW2T96                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park and Bull Run Regional Park  |
| QWX47T                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| R99V9T                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| RDLXVN                   | "Claude Moore Park", "Ball's Bluff Battlefield Regional Park", "Bull Run Regional Park"   |
| RNKCFV                   | Claude Moore Park, Balls Bluff Battlefield Regional Park, Bull Run Regional Park  |
| RNZTBN                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| RVW9UB                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| RYLWF3                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| TGWQJ3                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| UGD3X2                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| ULC8H7                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park, Claude Moore Park   |
| VQY8AP                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| W7KA6J                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |
| WGP3WY                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park   |

TABLE 1

| Question 24 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| WV8Q9H                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park  |
| X3GET4                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park  |
| XEG8Q2                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park  |
| YM7FNW                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park  |
| Z7ZDQP                   | Bull Run Regional Park, Ball's Bluff Battlefield Regional Park & Claude Moore Park |
| ZJ2ALW                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park  |
| ZVDCAE                   | Claude Moore Park, Ball's Bluff Battlefield Regional Park                          |

**Consensus Result:** Claude Moore Park, Ball's Bluff Battlefield Regional Park, Bull Run Regional Park

**Expected Response Explanation:**

Information about location names of where this device traveled to via Waze can be found within the user.db database file under the recents table. This file can be located at: data/Root/data/com.waze/user.db

**Screen Shot:**

Database: user >>> Table: recents

| place_id | name                                   |
|----------|--|
| 1        | Claude Moore Park                      |
| 2        | Ball's Bluff Battlefield Regional Park |
| 3        | Bull Run Regional Park                 |

TABLE 1

**Question 25 Applications**

**Question 25:** Provide the name of the last location this device traveled to via Waze from the "Recents" table.

**Manufacturer's Expected Response:** Bull Run Regional Park

| WebCode | Response   |
|---------|--|
| 3YME8V  | Bull Run Regional Park   |
| 4D2G3Y  | Bull Run Regional Park   |
| 64W7DD  | Bull Run Regional Park   |
| 68TVUL  | Bull Run Regional Park   |
| 6NG98D  | Bull Run Regional Park   |
| 7MPGZU  | Bull Run Regional Park   |
| 8AEEVW  | Bull Run Regional Park   |
| 8H3CEM  | Bull Run Regional Park   |
| 97NRER  | Bull Run Regional Park   |
| 98HMTM  | Bull Run Regional Park   |
| 9RABMP  | Bull Run Regional Park   |
| 9TFVBP  | Bull Run Regional Park   |
| 9V63VL  | Bull Run Regional Park   |
| 9VLGYP  | Bull Run Regional Park   |
| A6RHYF  | Bull Run Regional Park   |
| AD36NA  | Bull Run Regional Park   |
| AHXWV8  | Bull Run Dr Virginia 7700  |
| AV2ZJL  | Bull Run Regional Park   |
| B4Q8GH  | Bull Run Regional Park   |
| BC8JUJ  | Bull Run Regional Park   |
| BQ8KA7  | Bull Run Regional Park   |
| BTXG6Q  | Bull Run Regional Park   |
| C2XB4H  | Bull Run Regional Park   |
| C48JW3  | Bull Run Regional Park   |
| CMJ99E  | Bull Run Regional Park   |
| D7CNUM  | Bull Run Regional Park   |
| D83RG3  | Bull Run Regional Park   |
| DKW4WM  | Bull Run Regional Park   |
| EBG8GN  | Bull Run Regional Park Bull Run Dr, 7700, Virginia 03-Mar-17 10:26:04(UTC-5) |
| EPJBUL  | Bull Run Regional Park Bull Run Dr, 7700, Virginia                           |
| ERPVHL  | Bull Run Regional Park   |
| EV8VZM  | Bull Run Regional Park (7700 Bull Run Dr, Virginia)                          |
| EXUKE9  | Bull Run Regional Park   |
| FXTZ9K  | Bull Run Regional Park   |
| G7Z2ZY  | Bull Run Regional Park   |
| HBQEBL  | Bull Run Regional Park   |
| J3RRLY  | Bull Run Regional Park   |



TABLE 1

| Question 25 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| JCFLXV                   | Bull Run Regional Park   |
| JWZK26                   | Bull Run Regional Park   |
| KPGGU3                   | Bull Run Regional Park   |
| KXDJXF                   | Bull Run Regional Park   |
| L4YN7T                   | Bull Run Regional Park   |
| LBHWT6                   | Bull Run Regional Park (from RECENTS table of user.db)   |
| LDKV4X                   | Bull Run Regional Park   |
| LHU9JB                   | Bull Run Regional Park   |
| LWWHP6                   | Bull Run Regional Park   |
| M6LPM2                   | Bull Run Regional Park   |
| M8QFRV                   | Bull Run Regional Park   |
| MDK6GF                   | Bull Run Regional Park   |
| MEC94V                   | Bull Run Regional Park   |
| MTQEC9                   | Bull Run Regional Park   |
| N3FNZA                   | Bull Run Regional Park   |
| NLQEER                   | Bull Run Regional Park   |
| P6YXN2                   | Bull Run Regional Park   |
| PDR9YW                   | Bull Run National Park   |
| PKPZ66                   | Bull Run Regional Park   |
| PL7B3C                   | Bull Run Regional Park   |
| PPMK9N                   | The last location that this device traveled to via Waze from the "Recents" table was "Bull Run Regional Park". |
| QDP28N                   | Bull Run Regional Park   |
| QW2T96                   | Bull Run Regional Park   |
| QWX47T                   | Bull Run Regional Park   |
| R99V9T                   | Bull Run Regional Park   |
| RDLXVN                   | "Bull Run Regional Park"   |
| RNKCFV                   | Bull Run Regional Park   |
| RNZTBN                   | Bull Run Regional Park   |
| RWW9UB                   | Bull Run Regional Park   |
| RYLWF3                   | Bull Run Regional Park   |
| TGWQJ3                   | Bull Run Regional Park   |
| UGD3X2                   | Bull Run Regional Park   |
| ULC8H7                   | Bull Run Regional Park   |
| VQY8AP                   | Bull Run Regional Park   |
| W7KA6J                   | Bull Run Regional Park   |
| WGP3WY                   | Bull Run Regional Park   |
| WV8Q9H                   | Bull Run Regional Park   |
| X3GET4                   | Bull Run Regional Park   |
| XEG8Q2                   | Bull Run Regional Park   |

TABLE 1

| Question 25 Applications |                        |
|--------------------------|------------------------|
| WebCode                  | Response               |
| YM7FNW                   | Bull Run Regional Park |
| Z7ZDQP                   | Bull Run Regional Park |
| ZJ2ALW                   | Bull Run Regional Park |
| ZVDCAE                   | bull run regional park |

**Consensus Result:** Bull Run Regional Park

**Expected Response Explanation:**

The name of the last location traveled to via Waze can be found by viewing the last record within the list and/or converting the EPOCH values found in the created\_time column under the recents table within the user.db database file. This file can be located at: data/Root/data/com.waze/user.db

**Screen Shot:**

Database: user >>> Table: recents (Date & Time Conversion column added by CTS)

| place_id | name                     | created_time | Date & Time Conversion |
|----------|--------------------------|--------------|------------------------|
| 1        | Claude Moore Park        | 1488214846   | 2/27/2017, 12:00:46 PM |
|          | Ball's Bluff Battlefield |              |                        |
| 2        | Regional Park            | 1488393778   | 3/1/2017, 1:42:58 PM   |
| 3        | Bull Run Regional Park   | 1488554764   | 3/3/2017, 10:26:04 AM  |

TABLE 1

**Question 26 Applications**

**Question 26:** Provide the EPOCH timestamp value for the last location visited in Waze.

**Manufacturer's Expected Response:** 1488554764

| WebCode | Response   |
|---------|--|
| 3YME8V  | 1488554764   |
| 4D2G3Y  | 1488554764; (2017-03-03 15:26:04 - Bull Run Regional Park) |
| 64W7DD  | 1488554764   |
| 68TVUL  | 1488554764   |
| 6NG98D  | 1488554764   |
| 7MPGZU  | 1488554764   |
| 8AEEVW  | 1488554764   |
| 8H3CEM  | 1488554764   |
| 97NRER  | 1488554764   |
| 98HMTM  | 1488554764   |
| 9RABMP  | 1488554764   |
| 9TFVBP  | 1488554764   |
| 9V63VL  | 1488554764   |
| 9VLGYP  | 1488554764   |
| A6RHYP  | 1488554764   |
| AD36NA  | 1488554764   |
| AHXWV8  | 1488556303   |
| AV2ZJL  | 1488554764   |
| B4Q8GH  | 1488554764   |
| BC8JUJ  | 1488554764   |
| BQ8KA7  | 1488554764   |
| BTXG6Q  | 1488554764   |
| C2XB4H  | 1488554764   |
| C48JW3  | 1488554764   |
| CMJ99E  | 1488554764   |
| D7CNUM  | 1488554764   |
| D83RG3  | 1488554764   |
| DKW4WM  | 1488554764   |
| EBG8GN  | 0x 58 B9 8B 0C   |
| EPJBUL  | 1488554764   |
| ERPVHL  | 1488554764   |
| EV8VZM  | 1488554764   |
| EXUKE9  | 1488554764   |
| FXTZ9K  | 1488554764   |
| G7Z2ZY  | 1488554764   |
| HBQEBL  | 1488554764   |
| J3RRLY  | 1488554764   |

TABLE 1

| Question 26 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | 1488554764  |
| JWZK26                   | 1488554764  |
| KPGGU3                   | 1488554764  |
| KXDJXF                   | 1488554764  |
| L4YN7T                   | 1488554764  |
| LBHWT6                   | 1488554764 (from RECENTS table of user.db)  |
| LDKV4X                   | 1488554764  |
| LHU9JB                   | 1488554764  |
| LWWHP6                   | 1488554764  |
| M6LPM2                   | 1488554764  |
| M8QFRV                   | 1488554764  |
| MDK6GF                   | 1488554764  |
| MEC94V                   | 1488554764  |
| MTQEC9                   | 1488554764  |
| N3FNZA                   | 1488554764  |
| NLQEER                   | 1488554764  |
| P6YXN2                   | 1488554764  |
| PDR9YW                   | 1488554764  |
| PKPZ66                   | 1488554764  |
| PL7B3C                   | 1488554764  |
| PPMK9N                   | The EPOCH time stamp value for the last location visited in Waze is "1488554764". |
| QDP28N                   | 1488554764  |
| QW2T96                   | 1488554764  |
| QWX47T                   | 1488554764  |
| R99V9T                   | 1488554764  |
| RDLXVN                   | 1488554764  |
| RNKCFV                   | 1488554764  |
| RNZTBN                   | 1488554764  |
| RVW9UB                   | 1488554764  |
| RYLWF3                   | 1488554764  |
| TGWQJ3                   | 1488554764  |
| UGD3X2                   | 1488554764  |
| ULC8H7                   | 1488554764  |
| VQY8AP                   | 1488554764  |
| W7KA6J                   | 1488554764  |
| WGP3WY                   | 1488554764  |
| WV8Q9H                   | 1488554764  |
| X3GET4                   | 1488554764  |
| XEG8Q2                   | 1488554764  |
| YM7FNW                   | 1488554764  |

TABLE 1

| Question 26 Applications |            |
|--------------------------|------------|
| WebCode                  | Response   |
| Z7ZDQP                   | 1488554764 |
| ZJ2ALW                   | 1488554764 |
| ZVDCAE                   | 1488554764 |

**Consensus Result:** 1488554764

**Expected Response Explanation:**

In order to determine the timestamp value for the last location, the EPOCH timestamp values found in the "created time" column needed to be converted to standard date and time. The EPOCH timestamp values for the locations can be found within the user.db database file under the recents table. This file can be located at: data/Root/data/com.waze/user.db

**Screen Shot:**

Database: user >>> Table: recents

| place_id ▾ | name ▾                                 | created_time |
|------------|--|--------------|
| 1          | Claude Moore Park                      | 1488214846   |
| 2          | Ball's Bluff Battlefield Regional Park | 1488393778   |
| 3          | Bull Run Regional Park                 | 1488554764   |

TABLE 1

| Question 27 Applications |  |
|--------------------------|--|
|--------------------------|--|

Question 27: Convert the EPOCH timestamp value of the last location in Waze was visited in US/Canada Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.

Manufacturer's Expected Response: 3/3/2017, 10:26:04 AM

| WebCode | Response                           |
|---------|------------------------------------|
| 3YME8V  | "03//03/2017, 10:26:04 AM."        |
| 4D2G3Y  | 03/03/2017, 10:26:04 AM            |
| 64W7DD  | 03/03/2017, 10:26:04 AM            |
| 68TVUL  | 3/3/2017, 10:26:04 AM              |
| 6NG98D  | 3/3/2017, 10:26:04 AM              |
| 7MPGZU  | 03/03/2017, 10:26:04 AM            |
| 8AEEVW  | 03/03/2017, 10:26:04 AM            |
| 8H3CEM  | 03/03/2017, 10:26:04 AM            |
| 97NRER  | 03/03/2017, 10:26:04 AM (UTC -5)   |
| 98HMTM  | 03/03/2017, 10:26:04 AM            |
| 9RABMP  | 03/3/2017, 10:26:04 AM             |
| 9TFVBP  | 03/03/2017, 10:26:04 AM            |
| 9V63VL  | March/3/2017, 10:26:04 AM          |
| 9VLGYP  | 03/03/2017, 10:26:04 am            |
| A6RHYF  | 3/3/17, 10:26:04 AM                |
| AD36NA  | 3/3/2017, 10:26:04 AM              |
| AHXWV8  | 03/03/2017 10:51:43 AM             |
| AV2ZJL  | Mar/3/2017, 10:26:04 AM            |
| B4Q8GH  | 3/3/2017, 10:26:04 AM (EST)        |
| BC8JUJ  | 03/03/2017, 10:26:04 AM            |
| BQ8KA7  | 03/03/2017, 10:26:04 AM            |
| BTXG6Q  | 03/03/2017, 10:26:04 AM            |
| C2XB4H  | 3/3/2017, 10:26:04 AM              |
| C48JW3  | 03/03/2017, 10:26:04 AM            |
| CMJ99E  | 03/03/2017, 10:26:04 AM            |
| D7CNUM  | 03/03/2017, 10:26:04 AM            |
| D83RG3  | 03/03/2017, 10:26:04 AM            |
| DKW4WM  | 03/03/2017, 3:26:04 PM             |
| EBG8GN  | March/03/2017, 10:26:04 AM (UTC-5) |
| EPJBUL  | 03/03/2017, 10:26:04 AM            |
| ERPVHL  | 3/3/2017, 10:26:04 AM              |
| EV8VZM  | 03/03/2017, 10:26:04 AM (-0500)    |
| EXUKE9  | 03/03/2017, 10:26:04 AM            |
| FXTZ9K  | 03/03/2017, 10:26:04 AM (-5 UTC)   |
| G7Z2ZY  | 3/3/2017, 10:26:04 AM              |
| HBQEBL  | 3/3/2017, 10:26:04 AM              |
| J3RRLY  | 03/03/2017, 10:26:04 AM            |

TABLE 1

| Question 27 Applications |   |
|--------------------------|---|
| WebCode                  | Response  |
| JCFLXV                   | Mar/03/2017, 10:26:04 AM  |
| JWZK26                   | 03/03/2017, 10:26:04 AM   |
| KPGGU3                   | 03/03/2017, 10:26:04 AM   |
| KXDJXF                   | 3/3/2017, 10:26:04 AM   |
| L4YN7T                   | 03/03/2017, 10:26:04 AM   |
| LBHWT6                   | 3/3/2017, 10:26:04 AM (UTC-5)   |
| LDKV4X                   | 03/03/2017, 10:26:04 AM (EST)   |
| LHU9JB                   | 03/03/2017, 10:26:04 AM   |
| LWWHP6                   | 3/3/2017, 10:26:04 AM   |
| M6LPM2                   | 03/03/2017, 10:26:04 AM   |
| M8QFRV                   | 03/03/2017, 10:26:04 Am   |
| MDK6GF                   | 03/03/2017 11:26:04 AM (UTC -04:00)   |
| MEC94V                   | 03/03/2017, 10:26:04 AM   |
| MTQEC9                   | 03/03/2017, 10:26:04 AM   |
| N3FNZA                   | 3/3/2017, 10:26:04 AM   |
| NLQEER                   | 03/03/2017, 10:26:04 AM   |
| P6YXN2                   | March/03/2017, 10:26:04 am America/New York (EST)   |
| PDR9YW                   | 3/3/2017, 10:26:04  |
| PKPZ66                   | 03/03/2017, 10:26:04 AM   |
| PL7B3C                   | 03/03/2017, 10:26:04 AM   |
| PPMK9N                   | The converted time stamp value of the last location in Waze was visited from EPOCH to USA/Canada Eastern time formatted as Month/Day/Year, Hours:Minutes:Seconds AM/PM is: "03/03/2017, 10:26:04 AM". |
| QDP28N                   | 3/3/2017, 10:26:04 AM (UTC-5)   |
| QW2T96                   | March/03/2017, 10:26:04 AM  |
| QWX47T                   | 3/3/2017, 10:26:04 AM   |
| R99V9T                   | 03/03/2017, 10:26:04 AM   |
| RDLXVN                   | 03/03/2017, 10:26:04 AM   |
| RNKCFV                   | 03/03/2017, 10:26:04 AM   |
| RNZTBN                   | 03/03/2017, 10:26:04 AM   |
| RVW9UB                   | 03/03/2017, 10:26:04 AM (UTC-5)   |
| RYLWF3                   | 03/03/2017, 10:26:04 AM   |
| TGWQJ3                   | 03/03/2017 10:20:04   |
| UGD3X2                   | 3/3/2017, 10:26:04 AM   |
| ULC8H7                   | 3/3/2017, 10:26:04 AM   |
| VQY8AP                   | 3/3/2017, 10:26:04 AM   |
| W7KA6J                   | 03/03/2017, 10:26:04 AM   |
| WGP3WY                   | 3/3/2017, 10:26:04 AM   |
| WV8Q9H                   | 03/03/17, 10:26:04 AM   |
| X3GET4                   | 03/03/2017, 10:26:04 AM   |

TABLE 1

| Question 27 Applications |                             |
|--------------------------|-----------------------------|
| WebCode                  | Response                    |
| XEG8Q2                   | March 3, 2017, 10:26:04 AM  |
| YM7FNW                   | 03/03/2017, 10:26:04 AM     |
| Z7ZDQP                   | March 3 2017, 10:26:04 (AM) |
| ZJ2ALW                   | 03/03/2017, 10:26:04 AM     |
| ZVDCAE                   | 3/3/17, 10:26:04 am         |

**Consensus Result:** 3/3/2017, 10:26:04 AM and all formatting styles which represent the same date and time for the requested time zone.

**Expected Response Explanation:**

The EPOCH timestamp value found within the Bluetooth configuration file needed to be converted using a converter to get the date and time of the last location traveled in Waze. The last location timestamp value (1488554764) converts to 3/3/2017, 10:26:04 AM USA / Canada Eastern Time.

**Screen Shot:**

Last Location EPOCH Timestamp Conversion:





TABLE 1

**Question 28 Applications**

**Question 28:** Provide the coordinates for the last location this device traveled to via Waze. Answer must be recorded as (Latitude, Longitude).

**Manufacturer's Expected Response:** (38802055, -77491301)

| WebCode | Response  |
|---------|---|
| 3YME8V  | Latitude: 38.802055 Longitude: -77.491301                           |
| 4D2G3Y  | (38.802055, -77.491301)   |
| 64W7DD  | 38.802055, -77.491301   |
| 68TVUL  | (38802055, -77491301)   |
| 6NG98D  | (38802055, -77491301)   |
| 7MPGZU  | 38802055, 77491301  |
| 8AEEVW  | (38.802055, -77.491301)   |
| 8H3CEM  | (38.802055, -77.491301)   |
| 97NRER  | 38802055 Latitude, -77491301 Longitude                              |
| 98HMTM  | 38802055, -77491301   |
| 9RABMP  | (38802055, -77491301)   |
| 9TFVBP  | (38.802055, -77.491301)   |
| 9V63VL  | 38.802055, -77.491301   |
| 9VLGYP  | 38.802055, -77.491301   |
| A6RHYF  | Latitude: 38802055 Longitude: -77491301                             |
| AD36NA  | (38.802055, -77.491301)   |
| AHXWV8  | 38.802055, -77.491301   |
| AV2ZJL  | 38.802055, -77.491301   |
| B4Q8GH  | 38802055, -77491301   |
| BC8JUJ  | (38.802055, -77.491301)   |
| BQ8KA7  | Latitude: 38802055 Longitude: -77491301                             |
| BTXG6Q  | (38.802055, -77.491301)   |
| C2XB4H  | 38.802055, -77.491301   |
| C48JW3  | 38.802055, -77.491301   |
| CMJ99E  | 38.802055, -77.491301   |
| D7CNUM  | (38.802055, -77.491301)   |
| D83RG3  | 38.802055, -77.491301   |
| DKW4WM  | (38.802055, -77.191301)   |
| EBG8GN  | Latitude : 38.802055 Longitude : -77.491301                         |
| EPJBUL  | (38.802055, -77.491301)   |
| ERPVHL  | (38.802055, -77.491301)   |
| EV8VZM  | 38.802055, -77.491301 (also recorded as: 38°48'07.4"N 77°29'28.7"W) |
| EXUKE9  | 38.802055, -77.491301   |
| FXTZ9K  | Latitude, Longitude: 38802055, -77491301                            |
| G7Z2ZY  | 38.802055, -77.491301   |
| HBQEBL  | 38.802055, -77.491301   |
| J3RRLY  | (38.802055, -77.491301)   |

TABLE 1

| Question 28 Applications |  |
|--------------------------|--|
| WebCode                  | Response   |
| JCFLXV                   | 38802055, -77491301  |
| JWZK26                   | -77491301,38802055   |
| KPGGU3                   | 38.802055, -77.491301  |
| KXDJXF                   | 38.802055, -77.491301  |
| L4YN7T                   | Latitude -77491301, Longitude 38802055   |
| LBHWT6                   | (38.802055, -77.491301) (formatted as 38802055, -77491301 in PLACES table of user.db)                |
| LDKV4X                   | 38.802055, -77.491301  |
| LHU9JB                   | (38.802055, -77.491301)  |
| LWWHP6                   | 38.802055, -77.491301  |
| M6LPM2                   | (38.802055, -77.491301)  |
| M8QFRV                   | 38.802055, -77.491301  |
| MDK6GF                   | 38.802055, -77.491301  |
| MEC94V                   | (38.802055, -77.491301)  |
| MTQEC9                   | (38802055, -77491301)  |
| N3FNZA                   | 38802055, -77491301  |
| NLQEER                   | 38802055, -77491301  |
| P6YXN2                   | Cellebrite reports the Latitude as 38802055, and the longitude as -77491301                          |
| PDR9YW                   | 38.802055, -77.491301  |
| PKPZ66                   | (38.802055, -77.491301)  |
| PL7B3C                   | 38 48'07.4 N, 77 29'28.7" W  |
| PPMK9N                   | The coordinate for the last location this device traveled to via Waze were: "(38802055, -77491301)". |
| QDP28N                   | LAT 38.802055 LONG -77.491301  |
| QW2T96                   | 38.802055, -77.491301  |
| QWX47T                   | 38.802055, -77.491301  |
| R99V9T                   | 38802055, -77491301  |
| RDLXVN                   | 38.802055, -77.491301  |
| RNKCFV                   | 38802055, -77491301  |
| RNZTBN                   | 38.802055, -77.491301  |
| RVW9UB                   | (38802055, -77491301)  |
| RYLWF3                   | (38802055, -77491301)  |
| TGWQJ3                   | 38802055, -77491301 (raw values) 38.802055, -77.491301 (decimalised values)                          |
| UGD3X2                   | 38.802055, -77.491301  |
| ULC8H7                   | (38.802055, -77.491301)  |
| VQY8AP                   | (38.802055, -77.491301)  |
| W7KA6J                   | 38802055, -77491301  |
| WGP3WY                   | (38.802055, -77.491301)  |
| WV8Q9H                   | (38.802055, -77.491301)  |
| X3GET4                   | (38802055, -77491301)  |
| XEG8Q2                   | 38.802055, -77.491301  |

TABLE 1

| Question 28 Applications |                         |
|--------------------------|-------------------------|
| WebCode                  | Response                |
| YM7FNW                   | (38802055, -77491301)   |
| Z7ZDQP                   | (38.802055, -77.491301) |
| ZJ2ALW                   | (38802055, -77491301)   |
| ZVDCAE                   | 38802055, 77491301      |

**Consensus Result:** Latitude: 38802055, Longitude: -77491301 and all formatting styles that represent the same location.

**Expected Response Explanation:**

Information about latitude and longitude coordinates for the locations traveled to via Waze can be found within the user.db database file under the places table. This file can be located at: data/Root/data/com.waze/user.db

**Screen Shot:**

Database: user >>> Table: places

| name                       | latitude | longitude |
|----------------------------|----------|-----------|
| 7700 Bull Run Dr, Virginia | 38802055 | -77491301 |

TABLE 1

**Question 29 Applications**

**Question 29: How many MMS messages were sent to this device?**

**Manufacturer's Expected Response:** Two (2)

| WebCode | Response   |
|---------|--|
| 3YME8V  | 2  |
| 4D2G3Y  | 2  |
| 64W7DD  | Two (2)  |
| 68TVUL  | 2  |
| 6NG98D  | 2  |
| 7MPGZU  | 2  |
| 8AEEV   | 2  |
| 8H3CEM  | 2  |
| 97NRER  | 2  |
| 98HMTM  | 2  |
| 9RABMP  | Two (02)   |
| 9TFVBP  | 2  |
| 9V63VL  | 2  |
| 9VLGYP  | 2  |
| A6RHYF  | 2  |
| AD36NA  | 2  |
| AHXWV8  | 2  |
| AV2ZJL  | Two (2)  |
| B4Q8GH  | 2  |
| BC8JUJ  | 2  |
| BQ8KA7  | 2  |
| BTXG6Q  | 2  |
| C2XB4H  | 2  |
| C48JW3  | 2  |
| CMJ99E  | 2  |
| D7CNUM  | 2  |
| D83RG3  | Two (2)  |
| DKW4WM  | 2  |
| EBG8GN  | 2 from 12027499211 Laurel Murray 02-Mar-17 14:40:11(UTC-5) 02-Mar-17 14:39:41(UTC-5) |
| EPJBUL  | 2  |
| ERPVHL  | 2  |
| EV8VZM  | 2  |
| EXUKE9  | 2  |
| FXTZ9K  | 2  |
| G7Z2ZY  | 2  |
| HBQEBL  | Two (2)  |
| J3RRLY  | 2  |

TABLE 1

| Question 29 Applications |  |
|--------------------------|--|
| WebCode                  | Response                                   |
| JCFLXV                   | 2  |
| JWZK26                   | 2  |
| KPGGU3                   | 2  |
| KXDJXF                   | 2  |
| L4YN7T                   | 2  |
| LBHWT6                   | 2 (from addr table of mmssms.db)           |
| LDKV4X                   | Two (2)                                    |
| LHU9JB                   | Two  |
| LWWHP6                   | 2  |
| M6LPM2                   | 2  |
| M8QFRV                   | 2  |
| MDK6GF                   | 2  |
| MEC94V                   | 2 (two)                                    |
| MTQEC9                   | 2  |
| N3FNZA                   | 2  |
| NLQEER                   | 2  |
| P6YXN2                   | 2  |
| PDR9YW                   | 2  |
| PKPZ66                   | 2  |
| PL7B3C                   | 2  |
| PPMK9N                   | Two MMS messages were sent to this device. |
| QDP28N                   | 2  |
| QW2T96                   | 2  |
| QWX47T                   | 2  |
| R99V9T                   | 2  |
| RDLXVN                   | 2  |
| RNKCFV                   | 2  |
| RNZTBN                   | Two (2)                                    |
| RWW9UB                   | 2  |
| RYLWF3                   | 2  |
| TGWQJ3                   | 2  |
| UGD3X2                   | 2  |
| ULC8H7                   | 2  |
| VQY8AP                   | 2  |
| W7KA6J                   | Two (2)                                    |
| WGP3WY                   | 2  |
| WV8Q9H                   | 2  |
| X3GET4                   | 2  |
| XEG8Q2                   | 2  |
| YM7FNW                   | 2  |

TABLE 1

| Question 29 Applications |          |
|--------------------------|----------|
| WebCode                  | Response |
| Z7ZDQP                   | 2        |
| ZJ2ALW                   | 2        |
| ZVDCAE                   | 2        |

**Consensus Result:** Two (2)

**Expected Response Explanation:**

Information about the number of MMS messages received on this device can be found within the mmssms.db database file under the pdu table. This file can be located at:  
 data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: pdu

| From                                   | To             | Attachments  |
|--|----------------|--|
| From: 12027499211 <b>Laurel Murray</b> | To: 5717580731 | image000000(1).jpg (image/jpeg)<br>smil (application/smil) |
| From: 12027499211 <b>Laurel Murray</b> | To: 5717580731 | image000000(2).jpg (image/jpeg)<br>smil (application/smil) |

TABLE 1

**Question 30 Communication**

**Question 30: What is the contact name for 202-749-9211?**

**Manufacturer's Expected Response:** Laurel Murray

| WebCode | Response      |
|---------|---------------|
| 3YME8V  | Laurel Murray |
| 4D2G3Y  | Laurel Murray |
| 64W7DD  | Laurel Murray |
| 68TVUL  | Laurel Murray |
| 6NG98D  | Laurel Murray |
| 7MPGZU  | Laurel Murray |
| 8AEEVW  | Laurel Murray |
| 8H3CEM  | Laurel Murray |
| 97NRER  | Laurel Murray |
| 98HMTM  | Laurel Murray |
| 9RABMP  | Laurel Murray |
| 9TFVBP  | Laurel Murray |
| 9V63VL  | Laurel Murray |
| 9VLGYP  | Laurel Murray |
| A6RHYP  | Laurel Murray |
| AD36NA  | Laurel Murray |
| AHXWV8  | Laurel Murray |
| AV2ZJL  | Laurel Murray |
| B4Q8GH  | Murray Laurel |
| BC8JUJ  | Laurel Murray |
| BQ8KA7  | Laurel Murray |
| BTXG6Q  | Laurel Murray |
| C2XB4H  | Laurel Murray |
| C48JW3  | Laurel Murray |
| CMJ99E  | Laurel Murray |
| D7CNUM  | Laurel Murray |
| D83RG3  | Laurel Murray |
| DKW4WM  | Laurel Murray |
| EBG8GN  | Laurel Murray |
| EPJBUL  | Laurel Murray |
| ERPVHL  | Laurel Murray |
| EV8VZM  | Laurel Murray |
| EXUKE9  | Laurel Murray |
| FXTZ9K  | Laurel Murray |
| G7Z2ZY  | Laurel Murray |
| HBQEBL  | Laurel Murray |
| J3RRLY  | Laurel Murray |

TABLE 1

| Question 30 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | Laurel Murray   |
| JWZK26                    | Murray Laurel   |
| KPGGU3                    | Laurel Murray   |
| KXDJXF                    | Laurel Murray   |
| L4YN7T                    | Laurel Murray   |
| LBHWT6                    | Laurel Murray (from data and raw_contacts tables of contacts2.db & contacts tables of both the icingcorpora.db and icing_contacts.db) |
| LDKV4X                    | Laurel Murray   |
| LHU9JB                    | Laurel Murray   |
| LWWHP6                    | Laurel Murray   |
| M6LPM2                    | Laurel Murray   |
| M8QFRV                    | Laurel Murray   |
| MDK6GF                    | Laurel Murray   |
| MEC94V                    | Laurel Murray   |
| MTQEC9                    | Murray Laurel   |
| N3FNZA                    | Laurel Murray   |
| NLQEER                    | Laurel Murray   |
| P6YXN2                    | Laurel Murray   |
| PDR9YW                    | laurel murray   |
| PKPZ66                    | Laurel Murray   |
| PL7B3C                    | Laurel Murray   |
| PPMK9N                    | The contact name for 202-749-9211 is "Laurel Murray".   |
| QDP28N                    | laurel Murray   |
| QW2T96                    | Laurel Murray   |
| QWX47T                    | Laurel Murray   |
| R99V9T                    | Laurel Murray   |
| RDLVN                     | Laurel Murray   |
| RNKCFV                    | Laurel Murray   |
| RNZTBN                    | Laurel Murray   |
| RVW9UB                    | Laurel Murray   |
| RYLWF3                    | Murray Laurel   |
| TGWQJ3                    | Laurel Murray   |
| UGD3X2                    | Laurel Murray   |
| ULC8H7                    | Laurel Murray   |
| VQY8AP                    | Laurel Murray   |
| W7KA6J                    | Laurel Murray   |
| WGP3WY                    | Laurel Murray   |
| WV8Q9H                    | Laurel Murray   |
| X3GET4                    | Laurel Murray   |
| XEG8Q2                    | Laurel Murray   |



TABLE 1

| Question 30 Communication |                |
|---------------------------|----------------|
| WebCode                   | Response       |
| YM7FNW                    | Laurel Murray  |
| Z7ZDQP                    | Laurel Murray  |
| ZJ2ALW                    | Laurel Murray  |
| ZVDCAE                    | Murray, Laurel |

**Consensus Result:** Laurel Murray was the overall consensus. However, Murray Laurel was also accepted because the hex view shows both representations.

**Expected Response Explanation:**

Information about contacts listed on this device can be found within the contacts2.db database file under the raw\_contacts table. This file can be located at:  
 data/Root/data/com.android.providers.contacts/databases/contacts2.db

**Screen Shot:**

Database: contacts2 >>> Table: raw\_contacts

| ↑ Name        | Phones                |
|---------------|-----------------------|
| Laurel Murray | Mobile 1 202-749-9211 |

**Hex View of Contact**

```

.....7...z.gxQLaurel Murra
yMurray, Laurel(0Laurel MurrayL.Murray, L
aurelM.0.z..0.....
    
```

TABLE 1

**Question 31 Communication**

**Question 31:** How many outgoing phone calls are to 202-749-9211 which lasted greater than 1 minute?

**Manufacturer's Expected Response:** Two (2)

| WebCode | Response   |
|---------|--|
| 3YME8V  | 2  |
| 4D2G3Y  | 2  |
| 64W7DD  | Two (2)  |
| 68TVUL  | 2  |
| 6NG98D  | 2  |
| 7MPGZU  | 2  |
| 8AEEVW  | 2  |
| 8H3CEM  | 2  |
| 97NRER  | 2  |
| 98HMTM  | 2  |
| 9RABMP  | Two (02)   |
| 9TFVBP  | 2  |
| 9V63VL  | 2  |
| 9VLGYP  | 2  |
| A6RHYF  | 2  |
| AD36NA  | 2  |
| AHXWV8  | 2  |
| AV2ZJL  | Two (2)  |
| B4Q8GH  | 2  |
| BC8JUJ  | 2  |
| BQ8KA7  | 2  |
| BTXG6Q  | 2  |
| C2XB4H  | 2  |
| C48JW3  | 2  |
| CMJ99E  | 2  |
| D7CNUM  | 2  |
| D83RG3  | Two (2)  |
| DKW4WM  | 2  |
| EBG8GN  | 2 To: 12027499211 Laurel Murray 27/02/2017 27-Feb-17 12:10:35(UTC-5) 00:01:01 Outgoing To: +12027499211 Laurel Murray 01/03/2017 01-Mar-17 08:10:03(UTC-5) 00:02:09 Outgoing |
| EPJBUL  | 2  |
| ERPVHL  | 2  |
| EV8VZM  | 2  |
| EXUKE9  | 2  |
| FXTZ9K  | 2  |
| G7Z2ZY  | 2  |
| HBQEBL  | Two (2)  |
| J3RRLY  | 2  |

TABLE 1

| Question 31 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | 2   |
| JWZK26                    | 2   |
| KPGGU3                    | 2   |
| KXDJXF                    | 2   |
| L4YN7T                    | 4   |
| LBHWT6                    | 2 (from calls table of contacts2.db)                                    |
| LDKV4X                    | Two (2)   |
| LHU9JB                    | Two   |
| LWWHP6                    | 2   |
| M6LPM2                    | 2   |
| M8QFRV                    | 2   |
| MDK6GF                    | 2   |
| MEC94V                    | 2   |
| MTQEC9                    | 2   |
| N3FNZA                    | 2   |
| NLQEER                    | 2   |
| P6YXN2                    | 2   |
| PDR9YW                    | 2   |
| PKPZ66                    | 2   |
| PL7B3C                    | 2 outgoing calls greater than 1 minute                                  |
| PPMK9N                    | One outgoing phone call to 202-749-9211 lasted greater than one minute. |
| QDP28N                    | 2   |
| QW2T96                    | 2   |
| QWX47T                    | 2   |
| R99V9T                    | 2   |
| RDLXVN                    | 2   |
| RNKCFV                    | 2   |
| RNZTBN                    | Two (2)   |
| RVW9UB                    | 2   |
| RYLWF3                    | 2   |
| TGWQJ3                    | 2   |
| UGD3X2                    | 2   |
| ULC8H7                    | 2   |
| VQY8AP                    | 2   |
| W7KA6J                    | Two (2)   |
| WGP3WY                    | 2   |
| WV8Q9H                    | 2   |
| X3GET4                    | 2   |
| XEG8Q2                    | 2   |

TABLE 1

| Question 31 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| YM7FNW                    | 2        |
| Z7ZDQP                    | 2        |
| ZJ2ALW                    | 2        |
| ZVDCAE                    | 2        |

**Consensus Result:** Two (2)

**Expected Response Explanation:**

Information about call logs on this device can be found within the contacts2.db database file under the calls table. This file can be located at: data/Root/data/com.android.providers.contacts/databases/contacts2.db

**Screen Shot:**

Database: contacts2 >>> Table: calls

| number       | duration |
|--------------|----------|
| 12027499211  | 61       |
| +12027499211 | 129      |

TABLE 1

**Question 32 Communication**

**Question 32: How many voicemails are from 202-749-9211?**

**Manufacturer's Expected Response:** Four (4)

| WebCode | Response   |
|---------|--|
| 3YME8V  | 4  |
| 4D2G3Y  | 4  |
| 64W7DD  | Four (4)   |
| 68TVUL  | 4  |
| 6NG98D  | 4  |
| 7MPGZU  | 4  |
| 8AEEVW  | 4  |
| 8H3CEM  | 4  |
| 97NRER  | 4  |
| 98HMTM  | 4  |
| 9RABMP  | Four (04)  |
| 9TFVBP  | 4  |
| 9V63VL  | 4  |
| 9VLGYP  | 4  |
| A6RHYF  | 6  |
| AD36NA  | 4  |
| AHXWV8  | 4  |
| AV2ZJL  | Four (4)   |
| B4Q8GH  | 6  |
| BC8JUJ  | 4  |
| BQ8KA7  | 4  |
| BTXG6Q  | 4  |
| C2XB4H  | 4  |
| C48JW3  | 4  |
| CMJ99E  | 4  |
| D7CNUM  | 4  |
| D83RG3  | Four (4)   |
| DKW4WM  | 6  |
| EBG8GN  | 4 [data/Root/data/com.metropcs.service.vvm/databases/5717580731@vms.eng.t-mobile.com.db] |
| EPJBUL  | 4  |
| ERPVHL  | 4  |
| EV8VZM  | 4  |
| EXUKE9  | 4  |
| FXTZ9K  | 4  |
| G7Z2ZY  | 0  |
| HBQEBL  | Four (4)   |
| J3RRLY  | 4  |

TABLE 1

| Question 32 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | 4   |
| JWZK26                    | 4   |
| KPGGU3                    | 4   |
| KXDJXF                    | 4   |
| L4YN7T                    | 4   |
| LBHWT6                    | 4 (from messages table of 5717580731@vms.eng.t-mobile.com.db) |
| LDKV4X                    | Four (4)  |
| LHU9JB                    | Four  |
| LWWHP6                    | 4   |
| M6LPM2                    | 4   |
| M8QFRV                    | 4   |
| MDK6GF                    | 4   |
| MEC94V                    | 4   |
| MTQEC9                    | 4   |
| N3FNZA                    | 4   |
| NLQEER                    | 4   |
| P6YXN2                    | 4   |
| PDR9YW                    | 4   |
| PKPZ66                    | 4   |
| PL7B3C                    | 4   |
| PPMK9N                    | Four voicemails were received from 202-749-9211.              |
| QDP28N                    | 4   |
| QW2T96                    | 4   |
| QWX47T                    | 4   |
| R99V9T                    | 4   |
| RDLXVN                    | 4   |
| RNKCFV                    | 4   |
| RNZTBN                    | Four (4)  |
| RWW9UB                    | 4   |
| RYLWF3                    | 4   |
| TGWQJ3                    | 4   |
| UGD3X2                    | 4   |
| ULC8H7                    | 4   |
| VQY8AP                    | 4   |
| W7KA6J                    | Four (4)  |
| WGP3WY                    | 4   |
| WV8Q9H                    | 4   |
| X3GET4                    | 4   |
| XEG8Q2                    | 0   |
| YM7FNW                    | 4   |

TABLE 1

| Question 32 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| Z7ZDQP                    | 6        |
| ZJ2ALW                    | 4        |
| ZVDCAE                    | 4        |

**Consensus Result:** Four (4)

**Expected Response Explanation:**

Information about voicemails left on this device can be found within the 5717580731@vms.eng.t-mobile.com.db database file under the messages table. This file can be located at:  
 data/Root/data/com.metropcs.service.vvm/databases/5717580731@vms.eng.t-mobile.com.db.

**Screen Shot:**

Database:5717580731@vms.eng.t-mobile.com >>>Table: messages

| sender_list  | subject       | date          |
|--------------|---------------|---------------|
| +12027499211 | Voice message | 1488288430000 |
| +12027499211 | Voice message | 1488376257000 |
| +12027499211 | Voice message | 1488462881000 |
| +12027499211 | Voice message | 1488548516000 |

TABLE 1

**Question 33 Communication**

**Question 33:** Provide the EPOCH timestamp value of when the first voicemail was received on this device.

**Manufacturer's Expected Response:** 1488288430000

| WebCode | Response  |
|---------|---|
| 3YME8V  | 1488288430000   |
| 4D2G3Y  | 1488288433  |
| 64W7DD  | 1488288430000   |
| 68TVUL  | 1488288430000   |
| 6NG98D  | 1488288430  |
| 7MPGZU  | 1488288430000   |
| 8AEEVW  | 1488288430000   |
| 8H3CEM  | 1488288430000   |
| 97NRER  | 1488288430000   |
| 98HMTM  | 1488288430000   |
| 9RABMP  | 1488288430000   |
| 9TFVBP  | 1488288430000   |
| 9V63VL  | 1488288430000   |
| 9VLGYP  | 1488288430000   |
| A6RHYF  | 1488201360  |
| AD36NA  | 1488288430000   |
| AHXWV8  | 1488288430  |
| AV2ZJL  | 1488288430000   |
| B4Q8GH  | 1488288371502   |
| BC8JUJ  | 1488288430000   |
| BQ8KA7  | 1488288430000   |
| BTXG6Q  | 1488548516  |
| C2XB4H  | 1488288430  |
| C48JW3  | 1488288430  |
| CMJ99E  | 1488288430000 Note that Cellebrite included three additional characters for millisecond precision in the EPOCH timestamp (000). |
| D7CNUM  | 1488288430000   |
| D83RG3  | 1488288430000   |
| DKW4WM  | 1488288371  |
| EBG8GN  | 1488288433<br>[data/Root/data/com.metropcs.service.vvm/databases/5717580731@vms.eng.t-mobile.com.db]                            |
| EPJBUL  | 1488288430000   |
| ERPVHL  | 1488288430000   |
| EV8VZM  | 1488288430000   |
| EXUKE9  | 1488288430  |
| FXTZ9K  | 1488288430000   |
| G7Z2ZY  | 1488288430  |
| HBQEBL  | 1488288430000   |



TABLE 1

| Question 33 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| J3RRLY                    | 1488288430000   |
| JCFLXV                    | 1488288430000   |
| JWZK26                    | 1488288430  |
| KPGGU3                    | 1488288430  |
| KXDJXF                    | 1488288430000   |
| L4YN7T                    | 1488288430000   |
| LBHWT6                    | 1488288430000 (from messages table of 5717580731@vms.eng.t-mobile.com.db)       |
| LDKV4X                    | 1488288430000   |
| LHU9JB                    | 1488288430000   |
| LWWHP6                    | 1488554764  |
| M6LPM2                    | 1488288430000   |
| M8QFRV                    | 1488288430000   |
| MDK6GF                    | 1488288430000   |
| MEC94V                    | 1488288430  |
| MTQEC9                    | 1488288430000   |
| N3FNZA                    | 1488288430000   |
| NLQEER                    | 1488288430000   |
| P6YXN2                    | 1488288430000   |
| PDR9YW                    | 1488288430000   |
| PKPZ66                    | 1488288430000   |
| PL7B3C                    | 1488548516  |
| PPMK9N                    | The EPOCH time stamp value of the first voicemail received is: "1488288430000". |
| QDP28N                    | 1488288430000   |
| QW2T96                    | 1488288430000   |
| QWX47T                    | 1488288430000   |
| R99V9T                    | 1488288430000   |
| RDLXVN                    | 1488288430000   |
| RNKCFV                    | 1488288430000   |
| RNZTBN                    | 1488288430000   |
| RVW9UB                    | 1488288430000   |
| RYLWF3                    | 1488288430000   |
| TGWQJ3                    | 1488288430000   |
| UGD3X2                    | 1488288430  |
| ULC8H7                    | 1488288430000   |
| VQY8AP                    | 1488288430000   |
| W7KA6J                    | 1488288430000   |
| WGP3WY                    | 1488288430000   |
| WV8Q9H                    | 1488288430000   |
| X3GET4                    | 1488288430  |

TABLE 1

| Question 33 Communication |               |
|---------------------------|---------------|
| WebCode                   | Response      |
| XEG8Q2                    | N/A           |
| YM7FNW                    | 1488288430000 |
| Z7ZDQP                    | 1488548464    |
| ZJ2ALW                    | 1488288430000 |
| ZVDCAE                    | 1488288430000 |

**Consensus Result:** 1488288430000 or 1488288430 without the millisecond precision.

**Expected Response Explanation:**

In order to determine the timestamp value for the first voicemail, the EPOCH timestamp values found in the "date" column needed to be converted to standard date and time. The EPOCH timestamp values for the voicemails can be found within the 5717580731@vms.eng.t-mobile.com.db database file under the messages table. This file can be located at: data/Root/data/com.metropcs.service.vvm/databases/5717580731@vms.eng.t-mobile.com.db.

**Screen Shot:**

Database: 5717580731@vms.eng.t-mobile.com >>> Table: messages (Date & Time Conversion column added by CTS)

| sender_list  | subject       | date          | Date & Time Conversion |
|--------------|---------------|---------------|------------------------|
| +12027499211 | Voice Message | 1488288430000 | 2/28/2017, 8:27:10 AM  |
| +12027499211 | Voice Message | 1488376257000 | 3/1/2017, 8:50:57 AM   |
| +12027499211 | Voice Message | 1488462881000 | 3/2/2017, 8:54:41 AM   |
| +12027499211 | Voice Message | 1488548516000 | 3/3/2017, 8:41:56 AM   |

TABLE 1

**Question 34 Communication**

**Question 34:** Convert the EPOCH timestamp value of when the first voicemail was received on this device in US/Eastern Standard time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.

**Manufacturer's Expected Response:** 2/28/2017, 8:27:10 AM

| WebCode | Response  |
|---------|---|
| 3YME8V  | "02//28/2017, 08:27:10 AM"  |
| 4D2G3Y  | 2/28/2017, 8:27:10 AM   |
| 64W7DD  | 2/28/2017, 08:27:10 AM  |
| 68TVUL  | 02/28/2017, 8:27:10 AM  |
| 6NG98D  | 2/28/2017, 08:27:10 AM  |
| 7MPGZU  | 02/28/2017, 8:27:10 AM  |
| 8AEEVW  | 02/28/2017, 08:27:10 AM   |
| 8H3CEM  | 02/28/2017, 08:27:10 AM   |
| 97NRER  | 02/28/2017, 08:27:10 AM (UTC -5)  |
| 98HMTM  | 02/28/2017, 8:27:10 AM  |
| 9RABMP  | 02/28/2017, 08:27:10 AM   |
| 9TFVBP  | 02/28/2017, 08:27:10 AM   |
| 9V63VL  | February/28/2017, 08:27:10 AM   |
| 9VLGYP  | 02/28/2017, 08:27:10 am   |
| A6RHYF  | 2/27/17 8:16 AM   |
| AD36NA  | 02/28/2017, 8:27:10 AM  |
| AHXWV8  | 2/28/2017, 08:27:10 AM  |
| AV2ZJL  | Feb/28/2017, 8:27:10 AM   |
| B4Q8GH  | 02/28/2017 08:26:11 AM (EST)  |
| BC8JUJ  | 02/28/2017, 08:27:10 AM   |
| BQ8KA7  | 02/28/2017, 08:27:10 AM   |
| BTXG6Q  | 03/03/2017 08:41:56 AM  |
| C2XB4H  | 2/28/2017, 8:27:10 AM   |
| C48JW3  | 02/28/2017, 08:27:10 AM   |
| CMJ99E  | 02/28/2017, 08:27:10 AM Millisecond precision was not included in the reporting of this converted time. Subsequent responses involving millisecond precision (question #42 and #48) will also follow this reporting format. |
| D7CNUM  | 2/28/2017, 8:27:10 AM   |
| D83RG3  | 02/28/2017, 8:27:10 AM  |
| DKW4WM  | 28/02/2017, 1:26:11 AM  |
| EBG8GN  | February/28/2017 , 08:27:13 AM (Tuesday) (UTC-05:00) 0x 58 B5 7A B1 = 1488288433<br>[data/Root/data/com.metropcs.service.vvm/databases/5717580731@vms.eng.t-mobile.com.db]  |
| EPJBUL  | 02/28/2017, 08:27:10 AM   |
| ERPVHL  | 2/28/2017, 8:27:10 AM   |
| EV8VZM  | 02/28/2017, 08:27:10 AM (-0500)   |
| EXUKE9  | 02/28/2017, 08:27:10 AM   |
| FXTZ9K  | 02/27/2017, 11:17:10 PM (-5 UTC)  |

TABLE 1

| Question 34 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| G7Z2ZY                    | 2/28/2017, 08:27:10 AM  |
| HBQEBL                    | 2/28/2017, 8:27:10 AM   |
| J3RRLY                    | 28/02/2017 08:27:13 AM  |
| JCFLXV                    | Feb/28/2017, 08:27:10 AM  |
| JWZK26                    | 02/28/2017, 08:27:10 AM   |
| KPGGU3                    | 02/28/2017, 08:27:10 AM   |
| KXDJXF                    | 2/28/2017, 8:27:10 AM   |
| L4YN7T                    | 02/28/2017, 08:27:10 AM   |
| LBHWT6                    | 2/28/2017, 8:27:10 AM (UTC-5)   |
| LDKV4X                    | 02/02/2017 08:27:10 AM (EST)  |
| LHU9JB                    | 02/28/2017, 08:27:10 AM   |
| LWWHP6                    | 3/3/17 10:26:04 AM  |
| M6LPM2                    | February/28/2017, 08:27:10 (am)   |
| M8QFRV                    | 02/28/2017, 8:27:10 AM  |
| MDK6GF                    | 02/28/2017 09:27:10 AM (UTC -04:00)   |
| MEC94V                    | 02/28/2017, 08:27:10 AM   |
| MTQEC9                    | 02/28/2017, 08:27:10 AM   |
| N3FNZA                    | 2/28/2017, 8:27:10 AM   |
| NLQEER                    | 02/28/2017, 08:27:10 AM   |
| P6YXN2                    | February/28/2017, 08:27:10 am America/New York (EST)  |
| PDR9YW                    | 2/28/2017, 8:27:10 AM   |
| PKPZ66                    | 02/28/2017, 08:27:10 AM   |
| PL7B3C                    | 03/03/2017, 08:41:56 AM   |
| PPMK9N                    | The converted timestamp value of when the first voicemail was received on this device from EPOCH to USA/Canada Eastern time formatted as Month/Day/Year, Hours:Minutes:Seconds AM/PM is: "02/28/2017, 08:27:10 AM". |
| QDP28N                    | 2/28/2017, 8:27:10 AM UTC -5  |
| QW2T96                    | February/28/2017, 08:27:10 AM   |
| QWX47T                    | 02/28/2017, 08:27:10 AM   |
| R99V9T                    | 02/28/2017, 08:27:10 AM   |
| RDLXVN                    | 02/28/2017, 08:27:10 AM   |
| RNKCFV                    | 02/28/2017, 8:27:10 AM  |
| RNZTBN                    | 02/28/2017, 08:27:10 AM   |
| RVW9UB                    | 02/28/2017, 8:27:10 AM (UTC-5)  |
| RYLWF3                    | 02/28/2017, 08:27:10 AM   |
| TGWQJ3                    | 02/28/2017, 08:27:10  |
| UGD3X2                    | 2/28/2017, 8:27:10 AM   |
| ULC8H7                    | 2/28/2017, 8:27:10 AM   |
| VQY8AP                    | 2/28/2017, 08:27:10 AM  |
| W7KA6J                    | 02/28/2017, 08:27:10 AM   |

TABLE 1

| Question 34 Communication |                          |
|---------------------------|--------------------------|
| WebCode                   | Response                 |
| WGP3WY                    | 2/28/2017, 8:27:10 AM    |
| WV8Q9H                    | 02/28/17, 08:27:10 AM    |
| X3GET4                    | 02/28/2017, 08:27:10 AM  |
| XEG8Q2                    | N/A                      |
| YM7FNW                    | 02/28/2017, 8:27:10 AM   |
| Z7ZDQP                    | March 3 2017 08:41:04 AM |
| ZJ2ALW                    | 02/28/2017, 8:27:10 AM   |
| ZVDCAE                    | 2/28/17, 8:27:10 am      |

**Consensus Result:** 2/28/2017, 8:27:10 AM and all formatting styles which represent the same date and time for the requested time zone.

**Expected Response Explanation:**

The EPOCH timestamp values found within the voicemail database file needed to be converted using a converter to get the date and time for the first voicemail received on this device. The first voicemail timestamp value, 1488288430000, converts to 2/28/2017, 8:27:10 AM USA / Canada Eastern Time.

**Screen Shot:**

First Voicemail EPOCH Timestamp Conversion:

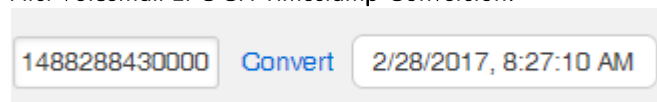


TABLE 1

| Question 35 Communication |  |
|---------------------------|--|
|---------------------------|--|

Question 35: How many SMS messages are FROM 202-749-9211?

**Manufacturer's Expected Response:** Fourteen (14)

| WebCode | Response      |
|---------|---------------|
| 3YME8V  | 14            |
| 4D2G3Y  | 14            |
| 64W7DD  | Fourteen (14) |
| 68TVUL  | 14            |
| 6NG98D  | 14            |
| 7MPGZU  | 14            |
| 8AEEVW  | 14            |
| 8H3CEM  | 14            |
| 97NRER  | 14            |
| 98HMTM  | 14            |
| 9RABMP  | Fourteen (14) |
| 9TFVBP  | 14            |
| 9V63VL  | 14            |
| 9VLGYP  | 14            |
| A6RHYP  | 14            |
| AD36NA  | 14            |
| AHXWV8  | 14            |
| AV2ZJL  | Fourteen (14) |
| B4Q8GH  | 14            |
| BC8JUJ  | 14            |
| BQ8KA7  | 14            |
| BTXG6Q  | 14            |
| C2XB4H  | 14            |
| C48JW3  | 14            |
| CMJ99E  | 14            |
| D7CNUM  | 14            |
| D83RG3  | Fourteen (14) |
| DKW4WM  | 14            |
| EBG8GN  | 14            |
| EPJBUL  | 14            |
| ERPVHL  | 14            |
| EV8VZM  | 14            |
| EXUKE9  | 14            |
| FXTZ9K  | 14            |
| G7Z2ZY  | 14            |
| HBQEBL  | Fourteen (14) |
| J3RRLY  | 14            |

TABLE 1

| Question 35 Communication |  |
|---------------------------|--|
| WebCode                   | Response                                     |
| JCFLXV                    | 14   |
| JWZK26                    | 14   |
| KPGGU3                    | 14   |
| KXDJXF                    | 14   |
| L4YN7T                    | 14   |
| LBHWT6                    | 14 (from sms table of mmsms.db)              |
| LDKV4X                    | Fourteen (14)                                |
| LHU9JB                    | 14   |
| LWWHP6                    | 14   |
| M6LPM2                    | 14   |
| M8QFRV                    | 14   |
| MDK6GF                    | 14   |
| MEC94V                    | 29   |
| MTQEC9                    | 14   |
| N3FNZA                    | 14   |
| NLQEER                    | 14   |
| P6YXN2                    | 14   |
| PDR9YW                    | 14   |
| PKPZ66                    | 14   |
| PL7B3C                    | 14   |
| PPMK9N                    | 14 SMS messages were sent from 202-749-9211. |
| QDP28N                    | 14 inbox                                     |
| QW2T96                    | 14   |
| QWX47T                    | 14   |
| R99V9T                    | 14   |
| RDLXVN                    | 14   |
| RNKCFV                    | 14   |
| RNZTBN                    | Fourteen (14)                                |
| RWW9UB                    | 14   |
| RYLWF3                    | 14   |
| TGWQJ3                    | 14   |
| UGD3X2                    | 14   |
| ULC8H7                    | 14   |
| VQY8AP                    | 14   |
| W7KA6J                    | Fourteen (14)                                |
| WGP3WY                    | 14   |
| WV8Q9H                    | 14   |
| X3GET4                    | 14   |
| XEG8Q2                    | 14   |
| YM7FNW                    | 14   |

TABLE 1

| Question 35 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| Z7ZDQP                    | 14       |
| ZJ2ALW                    | 14       |
| ZVDCAE                    | 14       |

**Consensus Result:** Fourteen (14)

**Expected Response Explanation:**

Information about sent and received SMS messages on this device can be found within the mmssms.db database file under the sms table. The "+" symbol in front of the phone number within the "address" column indicates received messages from the provided phone number. This file can be located at:  
 data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: sms

| _id | address      | date          |
|-----|--------------|---------------|
| 4   | +12027499211 | 1488295502374 |
| 6   | +12027499211 | 1488297496575 |
| 8   | +12027499211 | 1488299926069 |
| 10  | +12027499211 | 1488300701698 |
| 12  | +12027499211 | 1488379458656 |
| 14  | +12027499211 | 1488381546307 |
| 16  | +12027499211 | 1488383508573 |
| 19  | +12027499211 | 1488470448748 |
| 21  | +12027499211 | 1488472324260 |
| 23  | +12027499211 | 1488473705312 |
| 24  | +12027499211 | 1488483635155 |
| 26  | +12027499211 | 1488485327702 |
| 28  | +12027499211 | 1488556663412 |
| 30  | +12027499211 | 1488557225325 |



TABLE 1

**Question 36 Communication**

**Question 36: How many SMS messages were SENT to 202-749-9211?**

**Manufacturer's Expected Response:** Fifteen (15)

| WebCode | Response     |
|---------|--------------|
| 3YME8V  | 15           |
| 4D2G3Y  | 15           |
| 64W7DD  | Fifteen (15) |
| 68TVUL  | 15           |
| 6NG98D  | 15           |
| 7MPGZU  | 15           |
| 8AEEVW  | 15           |
| 8H3CEM  | 15           |
| 97NRER  | 15           |
| 98HMTM  | 15           |
| 9RABMP  | Fifteen (15) |
| 9TFVBP  | 15           |
| 9V63VL  | 15           |
| 9VLGYP  | 15           |
| A6RHYF  | 15           |
| AD36NA  | 15           |
| AHXWV8  | 14           |
| AV2ZJL  | Fifteen (15) |
| B4Q8GH  | 15           |
| BC8JUJ  | 15           |
| BQ8KA7  | 15           |
| BTXG6Q  | 15           |
| C2XB4H  | 15           |
| C48JW3  | 15           |
| CMJ99E  | 15           |
| D7CNUM  | 15           |
| D83RG3  | Fifteen (15) |
| DKW4WM  | 15           |
| EBG8GN  | 15           |
| EPJBUL  | 15           |
| ERPVHL  | 15           |
| EV8VZM  | 15           |
| EXUKE9  | 15           |
| FXTZ9K  | 15           |
| G7Z2ZY  | 15           |
| HBQEBL  | Fifteen (15) |
| J3RRLY  | 15           |

TABLE 1

| Question 36 Communication |                                   |
|---------------------------|-----------------------------------|
| WebCode                   | Response                          |
| JCFLXV                    | 15                                |
| JWZK26                    | 15                                |
| KPGGU3                    | 15                                |
| KXDJXF                    | 15                                |
| L4YN7T                    | 15                                |
| LBHWT6                    | 15 (from sms table of mmsms.db)   |
| LDKV4X                    | Fifteen (15)                      |
| LHU9JB                    | 15                                |
| LWWHP6                    | 15                                |
| M6LPM2                    | 15                                |
| M8QFRV                    | 15                                |
| MDK6GF                    | 15                                |
| MEC94V                    | 15                                |
| MTQEC9                    | 15                                |
| N3FNZA                    | 15                                |
| NLQEER                    | 15                                |
| P6YXN2                    | 15                                |
| PDR9YW                    | 15                                |
| PKPZ66                    | 15                                |
| PL7B3C                    | 15                                |
| PPMK9N                    | 15 SMS were sent to 202-749-9211. |
| QDP28N                    | 15 Sent                           |
| QW2T96                    | 15                                |
| QWX47T                    | 15                                |
| R99V9T                    | 15                                |
| RDLXVN                    | 15                                |
| RNKCFV                    | 15                                |
| RNZTBN                    | Fifteen (15)                      |
| RWW9UB                    | 15                                |
| RYLWF3                    | 15                                |
| TGWQJ3                    | 15                                |
| UGD3X2                    | 15                                |
| ULC8H7                    | 15                                |
| VQY8AP                    | 15                                |
| W7KA6J                    | Fifteen (15)                      |
| WGP3WY                    | 15                                |
| WV8Q9H                    | 15                                |
| X3GET4                    | 15                                |
| XEG8Q2                    | 15                                |
| YM7FNW                    | 15                                |

TABLE 1

| Question 36 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| Z7ZDQP                    | 15       |
| ZJ2ALW                    | 15       |
| ZVDCAE                    | 15       |

**Consensus Result:** Fifteen (15)

**Expected Response Explanation:**

Information about sent and received SMS messages on this device can be found within the mmssms.db database file under the sms table. Messages without the "+" symbol indicate sent messages to the provided phone number. This file can be located at: data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: sms

| _id | address     | date          |
|-----|-------------|---------------|
| 3   | 12027499211 | 1488294746737 |
| 5   | 12027499211 | 1488296734978 |
| 7   | 12027499211 | 1488299445474 |
| 9   | 12027499211 | 1488300262581 |
| 11  | 12027499211 | 1488378845896 |
| 13  | 12027499211 | 1488381221865 |
| 15  | 12027499211 | 1488382588851 |
| 17  | 12027499211 | 1488384468420 |
| 18  | 12027499211 | 1488466385529 |
| 20  | 12027499211 | 1488470914896 |
| 22  | 12027499211 | 1488472825463 |
| 25  | 12027499211 | 1488484137452 |
| 27  | 12027499211 | 1488556481596 |
| 29  | 12027499211 | 1488556834244 |
| 31  | 12027499211 | 1488557347348 |

TABLE 1

**Question 37 Communication**

**Question 37:** Provide the body of the SMS message for the EPOCH time stamp value of 1488472825463.

**Manufacturer's Expected Response:** A hammer, duct tape, and a tarp.

| WebCode | Response   |
|---------|--|
| 3YME8V  | A hammer, duct tape, and a tarp.   |
| 4D2G3Y  | A hammer, duct tape, and a tarp.   |
| 64W7DD  | A hammer, duct tape, and a tarp.   |
| 68TVUL  | A hammer, duct tape, and a tarp  |
| 6NG98D  | A hammer, duct tape, and a tarp.   |
| 7MPGZU  | A hammer, duct tape, and a tarp.   |
| 8AEEVW  | A hammer, duct tape, and a tarp.   |
| 8H3CEM  | A hammer, duct tape, and a tarp.   |
| 97NRER  | A hammer, duct tape, and a tarp  |
| 98HMTM  | A hammer, duct tape, and a tarp.   |
| 9RABMP  | A hammer, duct tape, and a tarp.   |
| 9TFVBP  | A hammer, duct tape and a tarp   |
| 9V63VL  | A hammer, duct tape, and a tarp.   |
| 9VLGYP  | A hammer, duct tape and a tarp   |
| A6RHYP  | A hammer, duct tape, and a tarp.   |
| AD36NA  | A hammer, duct tape, and a tarp.   |
| AHXWV8  | A hammer, duct tape, and a tarp.   |
| AV2ZJL  | A hammer, duct tape, and a tarp.   |
| B4Q8GH  | A hammer, duct tape, and a tarp.   |
| BC8JUJ  | A hammer, duct tape, and a tarp.   |
| BQ8KA7  | A hammer, duct tape, and a tarp.   |
| BTXG6Q  | A hammer, duct tape, and a tarp.   |
| C2XB4H  | A hammer, duct tape, and a tarp  |
| C48JW3  | A hammer, duct tape, and a tarp.   |
| CMJ99E  | A hammer, duct tape, and a tarp  |
| D7CNUM  | A hammer, duct tape, and a tarp.   |
| D83RG3  | A hammer, duct tape, and a tarp.   |
| DKW4WM  | A hammer, duck tape, and a tarp.   |
| EBG8GN  | A hammer, duct tape, and a tarp. 02/March/2017 11:40:25(UTC-05:00 ) To: 12027499211 Laurel Murray [FileSystems/data/Root/data/com.android.providers.telephony/databases/mmssms.db[ |
| EPJBUL  | A hammer, duct tape, and a tarp.   |
| ERPVHL  | A hammer, duct tape, and a tarp.   |
| EV8VZM  | A hammer, duct tape, and a tarp.   |
| EXUKE9  | A hammer, duct tape, and a tarp.   |
| FXTZ9K  | A hammer, duct tape, and a tarp.   |
| G7Z2ZY  | A hammer, duct tape, and a tarp.   |
| HBQEBL  | Here you go. I can drop these off to you if you would like me to.  |
| J3RRLY  | A hammer, duct tape, and a tarp.   |

TABLE 1

| Question 37 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | A hammer, duct tape, and a tarp.  |
| JWZK26                    | A hammer duct tape and a tarp   |
| KPGGU3                    | A hammer, duct tape, and a tarp.  |
| KXDJXF                    | A hammer, duct tape, and a tarp.  |
| L4YN7T                    | A hammer, duct tape, and a tarp.  |
| LBHWT6                    | A hammer, duct tape, and a tarp. (from sms table of mmssms.db)  |
| LDKV4X                    | A hammer, duct tape, and a tarp.  |
| LHU9JB                    | A hammer, duct tape, and a tarp.  |
| LWWHP6                    | A hammer, duct tape, and a tarp   |
| M6LPM2                    | A hammer, duct tape, and a tarp.  |
| M8QFRV                    | A hammer, duct tape, and a tarp.  |
| MDK6GF                    | A hammer, duct tape, and a tarp.  |
| MEC94V                    | A hammer, duct tape, and a tarp.  |
| MTQEC9                    | A hammer, duct tape, and a tarp.  |
| N3FNZA                    | A hammer, duct tape, and a tarp.  |
| NLQEER                    | A hammer, duct tape, and a tarp.  |
| P6YXN2                    | A hammer, duct tape, and a tarp   |
| PDR9YW                    | A hammer, duct tape, and a tarp.  |
| PKPZ66                    | A hammer, duct tape, and a tarp.  |
| PL7B3C                    | A hammer, duct tape and a tarp.   |
| PPMK9N                    | The body of the SMS message for the EPOCH time stamp value of "1488472825463", reads "A hammer, duct tape, and a tarp." |
| QDP28N                    | A hammer, duct tape, and a tarp   |
| QW2T96                    | A hammer, duct tape, and a tarp.  |
| QWX47T                    | A hammer, duct tape, and a tarp.  |
| R99V9T                    | A hammer, duct tape, and a tarp.  |
| RDLXVN                    | "A hammer, duct tape, and a tarp"   |
| RNKCFV                    | A hammer, duct tape, and a tarp   |
| RNZTBN                    | A hammer, duct tape, and a tarp.  |
| RVW9UB                    | A hammer, duct tape, and a tarp.  |
| RYLWF3                    | A hammer, duct tape, and a tarp.  |
| TGWQJ3                    | A hammer, duct tape, and a tarp.  |
| UGD3X2                    | A hammer, duct tape, and a tarp   |
| ULC8H7                    | A hammer, duct tape, and a tarp.  |
| VQY8AP                    | A hammer, duct tape, and a tarp.  |
| W7KA6J                    | A hammer, duct tape, and a tarp.  |
| WGP3WY                    | A hammer, duct tape, and a tarp.  |
| WV8Q9H                    | A hammer, duct tape, and a tarp.  |
| X3GET4                    | A hammer, duct tape, and a tarp.  |
| XEG8Q2                    | A hammer, duct tape, and a tarp   |

TABLE 1

| Question 37 Communication |                                  |
|---------------------------|----------------------------------|
| WebCode                   | Response                         |
| YM7FNW                    | A hammer, duct tape, and a tarp. |
| Z7ZDQP                    | A hammer, duct tape, and a tarp. |
| ZJ2ALW                    | A hammer, duct tape, and a tarp. |
| ZVDCAE                    | a hammer, duct tape, and a tarp  |

**Consensus Result:** A hammer, duct tape, and a tarp.

**Expected Response Explanation:**

Information about the body for the SMS message associated with this specific EPOCH timestamp value can be found within the mmssms database file in the sms table. This file can be located at:  
 data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: sms

| address     | body                             | date          |
|-------------|----------------------------------|---------------|
| 12027499211 | A hammer, duct tape, and a tarp. | 1488472825463 |

TABLE 1

| Question 38 Communication |  |
|---------------------------|--|
|---------------------------|--|

**Question 38:** An MMS message was received from 202-749-9211 with a receipt for the purchased items. What is the date and time on the receipt of when these items were purchased? Report date and time exactly as shown.

**Manufacturer's Expected Response:** 03/02/17 01:58 PM

| WebCode | Response  | ** Inconsistencies not highlighted; No consensus achieved ** |
|---------|---|--|
| 3YME8V  | "03/02/17 01:58 PM"   |  |
| 4D2G3Y  | 03/02/17 01:58 PM   |  |
| 64W7DD  | 03/02/17 01:58 PM   |  |
| 68TVUL  | 03/02/2017 01:58 PM   |  |
| 6NG98D  | 03/02/17 01:58 PM   |  |
| 7MPGZU  | 03/02/17 01:58 PM   |  |
| 8AEEV   | 03/02/17 01:58 PM   |  |
| 8H3CEM  | 03/02/17 01:58 PM   |  |
| 97NRER  | 03/02/17 01:58 PM   |  |
| 98HMTM  | 03/02/2017 01:58 PM   |  |
| 9RABMP  | 03/02/17 01:58 pm   |  |
| 9TFVBP  | 03/02/17 01:58 PM   |  |
| 9V63VL  | 03/02/17 01:58 PM   |  |
| 9VLGYP  | 03-02-2017 01:58 pm   |  |
| A6RHYF  | 03/02/17 01:58 PM   |  |
| AD36NA  | 3/02/17 01:58 PM  |  |
| AHXWV8  | 03/02/17 01:58 PM   |  |
| AV2ZJL  | 03/02/17 01:58 PM   |  |
| B4Q8GH  | 03/02/17 01:58 PM   |  |
| BC8JUJ  | 03/02/2017 01:58 PM   |  |
| BQ8KA7  | 03/02/2017 01:58 PM   |  |
| BTXG6Q  | 03/02/2017 01:58 PM   |  |
| C2XB4H  | 03/02/17 01:58 PM   |  |
| C48JW3  | 03/02/17 01:58 PM   |  |
| CMJ99E  | 03/02/17 01:58 PM   |  |
| D7CNUM  | 03/02/17 01:58 PM   |  |
| D83RG3  | 03/02/17, 01:58 PM  |  |
| DKW4WM  | 03/02/2017 01:58 PM   |  |
| EBG8GN  | 03/02/17 01:58 PM<br>[data/Root/data/com.android.providers.telephony/app_parts/PART_1488483611567_image000000(1).jpg] |  |
| EPJBUL  | 03/02/17 01:58 PM   |  |
| ERPVHL  | 03/02/17 01:58 PM   |  |
| EV8VZM  | 03/02/17 01:58 PM   |  |
| EXUKE9  | 03/02/2017, 01:58 PM  |  |
| FXTZ9K  | 03/02/17 01:58 PM   |  |

TABLE 1

| Question 38 Communication |  |
|---------------------------|--|
| WebCode                   | Response   |
|                           | ** Inconsistencies not highlighted; No consensus achieved **   |
| G7Z2ZY                    | 03/02/17 01:58 PM  |
| HBQEBL                    | 03/02/2017 01:58 PM  |
| J3RRLY                    | 03/02/2017 01:58 PM  |
| JCFLXV                    | 03/02/17 01:58 PM  |
| JWZK26                    | 03/02/17 01:58 PM  |
| KPGGU3                    | 03/02/17 01:58 PM  |
| KXDJXF                    | 03/02/17 01:58 PM  |
| L4YN7T                    | 03/02/17 01:50 PM  |
| LBHWT6                    | 03/02/17 01:58 PM (from image000000(1).jpg)  |
| LDKV4X                    | 03/02/2017 01:58 PM  |
| LHU9JB                    | 03/02/17 01:58 PM  |
| LWWHP6                    | 03/02/17 01:58 PM  |
| M6LPM2                    | 03/02/17 01:58 PM  |
| M8QFRV                    | 03/02/2017 01:58 PM  |
| MDK6GF                    | 03/02/17 01:58 PM  |
| MEC94V                    | 03/02/17 01:58 PM  |
| MTQEC9                    | 03/02/17 01:58 PM  |
| N3FNZA                    | 03/02/17 01:58 PM  |
| NLQEER                    | 03/02/17 01:58 PM  |
| P6YXN2                    | 03/02/17 01:58 PM  |
| PDR9YW                    | 3/2/17 01:58 PM  |
| PKPZ66                    | 03/02/17 01:58 PM  |
| PL7B3C                    | 03/02/2017 01:58 PM  |
| PPMK9N                    | The date and time printed on the receipt from the MMS message received from 202-749-9211 reads: "03/02/17 01:58 PM". |
| QDP28N                    | 03/02/17 01:58 PM  |
| QW2T96                    | 03/02/17 01:58 PM  |
| QWX47T                    | 03/02/17 01:58 PM  |
| R99V9T                    | 03/02/17 01:58 PM  |
| RDLXVN                    | 03/02/17 01:58 PM  |
| RNKCFV                    | 03/02/2017 01:58 PM  |
| RNZTBN                    | 03/02/17 01:58 PM  |
| RVW9UB                    | 03/02/17 01:58 PM  |
| RYLWF3                    | 03/02/17 01:58 PM  |
| TGWQJ3                    | 03/02/2017 01:58PM   |
| UGD3X2                    | 03/02/17 01:58 PM  |
| ULC8H7                    | 03/02/17 01:58 PM  |
| VQY8AP                    | 03/02/17 01:58 PM  |
| W7KA6J                    | 03/02/2017 01:58 PM  |
| WGP3WY                    | 03/02/17 01:58 PM  |



TABLE 1

| Question 38 Communication |  |
|---------------------------|--|
| WebCode                   | Response   |
|                           | ** Inconsistencies not highlighted; No consensus achieved ** |
| WV8Q9H                    | 03/02/17 01:58 PM  |
| X3GET4                    | 03/02/17 01:58 PM  |
| XEG8Q2                    | 03/02/17 01:58 PM  |
| YM7FNW                    | 03/02/17 01:58 PM  |
| Z7ZDQP                    | March 2 2017 01:58 PM  |
| ZJ2ALW                    | 03/02/2017 01:58 PM  |
| ZVDCAE                    | 03/02/17 01:58 pm  |

**Consensus Result:** The objective of this question was to locate and view an image and report the information found within, specifically, the date and time exactly as shown on the image of the receipt. The expected response of "03/02/17 01:58 PM" was reported by 72% of respondents, with 21% of respondents reporting "03/02/2017 01:58 PM". Therefore, no consensus has been established for this question and inconsistencies are not highlighted.

**Expected Response Explanation:**

The date and time on the receipt for when the items were purchased can be found within the image000000(1).jpg file in the upper right corner. This file can be located at:  
 data/Root/data/com.android.providers.telephony/app\_parts/PART\_1477473611567\_image000000(1).jpg

**Screen Shot:**

Items Purchased Receipt:



TABLE 1

**Question 39 Communication**

**Question 39:** What is the name of the attachment sent in the MMS message which contained the receipt of the purchased items?

**Manufacturer's Expected Response:** image000000(1).jpg

| WebCode | Response  |
|---------|---|
| 3YME8V  | image000000(1).jpg  |
| 4D2G3Y  | image000000(1).jpg  |
| 64W7DD  | image000000(1).jpg  |
| 68TVUL  | image000000(1).jpeg   |
| 6NG98D  | PART_1488483611567_image000000(1).jpg   |
| 7MPGZU  | image000000(1).jpg  |
| 8AEEVW  | image000000(1).jpg  |
| 8H3CEM  | image000000(1).jpg  |
| 97NRER  | image000000(1).jpg  |
| 98HMTM  | Image000000(1).jpg  |
| 9RABMP  | image000000(1).jpg  |
| 9TFVBP  | image000000(1).jpg  |
| 9V63VL  | image000000(1).jpg  |
| 9VLGYP  | image000000(1).jpg  |
| A6RHYP  | image000000(1).jpg  |
| AD36NA  | Image000000(1).jpg  |
| AHXWV8  | -FIBERGLASS RIP CLAW HAMMER -3M DUCT TAPE BLUE 1.88 IN X 20 YD -DRAWSTRING TARP   |
| AV2ZJL  | image000000(1).jpg  |
| B4Q8GH  | image000000(1).jpg  |
| BC8JUJ  | Image000000(1).jpg  |
| BQ8KA7  | image000000(1).jpg  |
| BTXG6Q  | image000000(1).jpg  |
| C2XB4H  | image000000(1).jpg  |
| C48JW3  | image000000(1).jpg  |
| CMJ99E  | image000000(1).jpg  |
| D7CNUM  | image000000(1).jpg  |
| D83RG3  | image000000(1).jpg  |
| DKW4WM  | image000000(1).jpg  |
| EBG8GN  | PART_1488483611567_image000000(1).jpg<br>[data/Root/data/com.android.providers.telephony/app_parts/PART_1488483611567_image000000(1).jpg] [data/Root/data/com.android.providers.telephony/databases/mmssms.db]<br>[data/Rootdata/media/0/Download/image000000(1).jpg] |
| EPJBUL  | PART_1488483611567_image000000(1).jpg   |
| ERPVHL  | image000000(1).jpg  |
| EV8VZM  | 'image000000(1).jpg'  |
| EXUKE9  | image000000(1).jpg  |
| FXTZ9K  | image000000(1).jpg  |

TABLE 1

| Question 39 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| G7Z2ZY                    | image000000(1).jpg  |
| HBQEBL                    | image000000(1).jpg  |
| J3RRLY                    | image000000(1).jpg  |
| JCFLXV                    | image000000(1).jpg  |
| JWZK26                    | Image000000(1).jpg  |
| KPGGU3                    | image000000(1).jpg _attachmentData [0000002].telephony-databases-mmssms.db 01<br>image000000(1)                                 |
| KXDJXF                    | Image000000(1).jpg  |
| L4YN7T                    | image000000(1).jpg  |
| LBHWT6                    | image000000(1).jpg (from part table of mmssms.db)   |
| LDKV4X                    | image000000(1).jpg  |
| LHU9JB                    | image000000(1).jpg  |
| LWWHP6                    | image000000(1).jpg  |
| M6LPM2                    | image000000(1).jpg  |
| M8QFRV                    | image000000(1).jpg  |
| MDK6GF                    | image000000(1).jpg  |
| MEC94V                    | image000000(1).jpg  |
| MTQEC9                    | PART_1488483611567_image000000(1).jpg   |
| N3FNZA                    | image000000(1).jpg  |
| NLQEER                    | image000000(1).jpg  |
| P6YXN2                    | "image000000(1).jpg"  |
| PDR9YW                    | image000000(1).jpg  |
| PKPZ66                    | image000000(1).jpg  |
| PL7B3C                    | image000000(1).jpg  |
| PPMK9N                    | The name of the attachment sent in the MMS message which contained the receipt of the purchased items is: "image000000(1).jpg". |
| QDP28N                    | image000000(1).jpg  |
| QW2T96                    | image000000(1).jpg  |
| QWX47T                    | image0000000(1).jpg   |
| R99V9T                    | image000000(1).jpg  |
| RDLXVN                    | PART_1488483611567_image000000(1).jpg   |
| RNKCFV                    | image000000(1).jpg  |
| RNZTBN                    | image000000(1).jpg  |
| RVW9UB                    | Image000000(1).jpg  |
| RYLWF3                    | image000000(1).jpg  |
| TGWQJ3                    | PART_1488483611567_image000000(1).jpg   |
| UGD3X2                    | image000000(1).jpg  |
| ULC8H7                    | Image000000(1).jpg  |
| VQY8AP                    | image000000(1).jpg  |
| W7KA6J                    | Image000000(1).jpg  |

TABLE 1

| Question 39 Communication |                                       |
|---------------------------|---------------------------------------|
| WebCode                   | Response                              |
| WGP3WY                    | image000000(1).jpg                    |
| WV8Q9H                    | image000000(1).jpg                    |
| X3GET4                    | PART_1488483611567_image000000(1).jpg |
| XEG8Q2                    | 11912.jpg                             |
| YM7FNW                    | image000000(1).jpg                    |
| Z7ZDQP                    | image000000(1).jpg                    |
| ZJ2ALW                    | Image000000(1).jpg                    |
| ZVDCAE                    | image000000(1).jpg                    |

**Consensus Result:** image000000(1).jpg

**Expected Response Explanation:**

Information about the name of the attachment containing the receipt of the items purchased can be found within the mmssms.db database file in the "name" column under the part table. This file can be located at:  
 data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: part

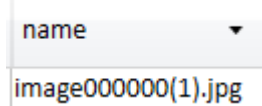


TABLE 1

**Question 40 Communication**

**Question 40: What is the body of the last SMS message RECEIVED from 202-749-9211?**

**Manufacturer's Expected Response:** But Ben, you're going to end up in jail!

| WebCode | Response   |
|---------|--|
| 3YME8V  | But Ben, you're going to end up in jail!   |
| 4D2G3Y  | But Ben, you're going to end up in jail!   |
| 64W7DD  | But Ben, you're going to end up in jail!   |
| 68TVUL  | But Ben, you're going to end up in jail!   |
| 6NG98D  | But Ben, you're going to end up in jail!   |
| 7MPGZU  | But Ben, you're going to end up in jail!   |
| 8AEEVW  | But Ben, you're going to end up in jail!   |
| 8H3CEM  | But Ben, you're going to end up in jail!   |
| 97NRER  | But Ben, you're going to end up in jail!   |
| 98HMTM  | But Ben, you're going to end up in jail!   |
| 9RABMP  | But Ben, you're going to end up in jail!   |
| 9TFVBP  | But Ben, you're going to end up in jail!   |
| 9V63VL  | But Ben, you're going to end up in jail!   |
| 9VLGYP  | But Ben you are going to end up in jail.   |
| A6RHYF  | But Ben, you're going to end up in jail!   |
| AD36NA  | But Ben, you're going to end up in jail!   |
| AHXWV8  | But Ben, you're going to end up in jail!   |
| AV2ZJL  | But Ben, you're going to end up in jail!   |
| B4Q8GH  | But Ben, you're going to end up in jail!   |
| BC8JUJ  | But Ben, you're going to end up in jail!   |
| BQ8KA7  | But Ben, you're going to end up in jail.   |
| BTXG6Q  | But Ben, you're going to end up in jail!   |
| C2XB4H  | But Ben, you're going to end up in jail!   |
| C48JW3  | But Ben, you're going to end up in jail!   |
| CMJ99E  | But Ben, you're going to end up in jail!   |
| D7CNUM  | But Ben, you're going to end up in jail!   |
| D83RG3  | But Ben, you're going to end up in jail!   |
| DKW4WM  | But Ben, you're going to end up in jail!   |
| EBG8GN  | But Ben, you're going to end up in jail!<br>[data/Root/data/com.android.providers.telephony/databases/mmssms.db] |
| EPJBUL  | But Ben, you're going to end up in jail!   |
| ERPVHL  | But Ben, you're going to end up in jail!   |
| EV8VZM  | But Ben, you're going to end up in jail!   |
| EXUKE9  | But Ben, you're going to end up in jail!   |
| FXTZ9K  | But Ben, you're going to end up in jail!   |
| G7Z2ZY  | But Ben, you're going to end up in jail!   |
| HBQEBL  | But Ben, you're going to end up in jail!   |
| J3RRLY  | But Ben, you're going to end up in jail!   |

TABLE 1

| Question 40 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | But Ben, you're going to end up in jail!  |
| JWZK26                    | But Ben, you're going to end up in jail   |
| KPGGU3                    | But Ben, you're going to end up in jail!  |
| KXDJXF                    | But Ben, you're going to end up in jail!  |
| L4YN7T                    | But Ben, you're going to end up in jail!  |
| LBHWT6                    | But Ben, you're going to end up in jail! (from sms table of mmssms.db)  |
| LDKV4X                    | But Ben, you're going to end up in jail!  |
| LHU9JB                    | But Ben, you're going to end up in jail!  |
| LWWHP6                    | But Ben, you're going to end up in jail!  |
| M6LPM2                    | But Ben, you're going to end up in jail!  |
| M8QFRV                    | But Ben, you're going to end up in jail!  |
| MDK6GF                    | But Ben, you're going to end up in jail!  |
| MEC94V                    | But Ben, you're going to end up in jail!  |
| MTQEC9                    | But Ben, you're going to end up in jail!  |
| N3FNZA                    | But Ben, you're going to end up in jail!  |
| NLQEER                    | But Ben, you're going to end up in jail!  |
| P6YXN2                    | But Ben, you're going to end up in jail!  |
| PDR9YW                    | But Ben, you're going to end up in jail!  |
| PKPZ66                    | But Ben, you're going to end up in jail!  |
| PL7B3C                    | But Ben, you're going to end up in jail!  |
| PPMK9N                    | The body of the last SMS message received from 202-749-9211 reads: "But Ben, you're going to end up in jail!" |
| QDP28N                    | But Ben, you're going to end up in jail!  |
| QW2T96                    | But Ben, you're going to end up in jail!  |
| QWX47T                    | But Ben, you're going to end up in jail!  |
| R99V9T                    | But Ben, you're going to end up in jail!  |
| RDLXVN                    | "But Ben, you're going to end up in jail!"  |
| RNKCFV                    | But Ben, you're going to end up in jail!  |
| RNZTBN                    | But Ben, you're going to end up in jail!  |
| RVW9UB                    | But Ben, you're going to end up in jail!  |
| RYLWF3                    | But Ben, you're going to end up in jail!  |
| TGWQJ3                    | But Ben, you're going to end up in jail!  |
| UGD3X2                    | But Ben, you're going to end up in jail!  |
| ULC8H7                    | But Ben, you're going to end up in jail!  |
| VQY8AP                    | But Ben, you're going to end up in jail!  |
| W7KA6J                    | But Ben, you're going to end up in jail!  |
| WGP3WY                    | But Ben, you're going to end up in jail!  |
| WV8Q9H                    | But Ben, you're going to end up in jail!  |
| X3GET4                    | But Ben, you're going to end up in jail!  |
| XEG8Q2                    | But Ben, you're going to end up in jail!  |

TABLE 1

| Question 40 Communication |  |
|---------------------------|--|
| WebCode                   | Response                                 |
| YM7FNW                    | But Ben, you're going to end up in jail! |
| Z7ZDQP                    | But Ben, you're going to end up in jail! |
| ZJ2ALW                    | But Ben, you're going to end up in jail! |
| ZVDCAE                    | But Ben, you're going to end up in jail! |

**Consensus Result:** But Ben, you're going to end up in jail!

**Expected Response Explanation:**

To determine the body of the last SMS message received on this device, the EPOCH timestamp values found within the mmssms.db database file under the sms table need to be converted. The timestamp value for the last received SMS message on this device is 1488557225325. Information about this file can be located at: data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: sms (Date & Time Conversion column added by CTS)

| <i>_id</i> | <i>address</i> | <i>date</i>   | <i>Date &amp; Time Conversion</i> |
|------------|----------------|---------------|-----------------------------------|
| 4          | +12027499211   | 1488295502374 | 2/28/2017, 10:25:02 AM            |
| 6          | +12027499211   | 1488297496575 | 2/28/2017, 10:58:16 AM            |
| 8          | +12027499211   | 1488299926069 | 2/28/2017, 11:38:46 AM            |
| 10         | +12027499211   | 1488300701698 | 2/28/2017, 11:51:41 AM            |
| 12         | +12027499211   | 1488379458656 | 3/1/2017, 9:44:18 AM              |
| 14         | +12027499211   | 1488381546307 | 3/1/2017, 10:19:06 AM             |
| 16         | +12027499211   | 1488383508573 | 3/1/2017, 10:51:48 AM             |
| 19         | +12027499211   | 1488470448748 | 3/2/2017, 11:00:48 AM             |
| 21         | +12027499211   | 1488472324260 | 3/2/2017, 11:32:04 AM             |
| 23         | +12027499211   | 1488473705312 | 3/2/2017, 11:55:05 AM             |
| 24         | +12027499211   | 1488483635155 | 3/2/2017, 2:40:35 PM              |
| 26         | +12027499211   | 1488485327702 | 3/2/2017, 3:08:47 PM              |
| 28         | +12027499211   | 1488556663412 | 3/3/2017, 10:57:43 AM             |
| 30         | +12027499211   | 1488557225325 | 3/3/2017, 11:07:05 AM             |

Body of last received SMS message:

| <i>_id</i> | <i>body</i>                              |
|------------|--|
| 30         | But Ben, you're going to end up in jail! |

TABLE 1

**Question 41 Communication**

**Question 41: What is the EPOCH timestamp value of the last SMS message SENT to 202-749-9211?**

**Manufacturer's Expected Response:** 1488557347348

| WebCode | Response  |
|---------|---|
| 3YME8V  | 1488557347348   |
| 4D2G3Y  | 1488557347  |
| 64W7DD  | 1488557347348   |
| 68TVUL  | 1488557347348   |
| 6NG98D  | 1488557347348   |
| 7MPGZU  | 1488557347348   |
| 8AEEVW  | 1488557347348   |
| 8H3CEM  | 1488557347348   |
| 97NRER  | 1488557347348   |
| 98HMTM  | 1488557347348   |
| 9RABMP  | 1488557347348   |
| 9TFVBP  | 1488557347348   |
| 9V63VL  | 1488557347348   |
| 9VLGYP  | 1488557347348   |
| A6RHYF  | 1488557340  |
| AD36NA  | 1488557347348   |
| AHXWV8  | 1488557347348   |
| AV2ZJL  | 1488557225325   |
| B4Q8GH  | 1488557225325   |
| BC8JUJ  | 1488557347348   |
| BQ8KA7  | 1488557347348   |
| BTXG6Q  | 1488557347  |
| C2XB4H  | 1488557347  |
| C48JW3  | 1488557347  |
| CMJ99E  | 1488557347348 Note that Cellebrite included three additional characters for millisecond precision in the EPOCH timestamp (348).                 |
| D7CNUM  | 1488557347348   |
| D83RG3  | 1488557347348   |
| DKW4WM  | 1488539347  |
| EBG8GN  | 1488557347348 = 0x 01 5A 94 EE 92 14 (Friday, 03 March 2017, 16:09:07 )<br>[data/Root/data/com.android.providers.telephony/databases/mmssms.db] |
| EPJBUL  | 1488557347348   |
| ERPVHL  | 1488557347348   |
| EV8VZM  | 1488557347348   |
| EXUKE9  | 148855734   |
| FXTZ9K  | 1488557347348   |
| G7Z2ZY  | 1488557347  |
| HBQEBL  | 1488557347  |



TABLE 1

| Question 41 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| J3RRLY                    | 1488557347348   |
| JCFLXV                    | 1488557347348   |
| JWZK26                    | 1488557347  |
| KPGGU3                    | 1488557347  |
| KXDJXF                    | 1488557347348   |
| L4YN7T                    | 1488557347348   |
| LBHWT6                    | 1488557347348 (from sms table of mmssms.db)   |
| LDKV4X                    | 1488557225325   |
| LHU9JB                    | 1488557347348   |
| LWWHP6                    | 1488557225  |
| M6LPM2                    | 1488557347348   |
| M8QFRV                    | 1488557223000   |
| MDK6GF                    | 1488557347348   |
| MEC94V                    | 1488557347348   |
| MTQEC9                    | 1488557347348   |
| N3FNZA                    | 1488557347348   |
| NLQEER                    | 1488557347348   |
| P6YXN2                    | 1488557347348   |
| PDR9YW                    | 1488557347348   |
| PKPZ66                    | 1488557347  |
| PL7B3C                    | 1488557347  |
| PPMK9N                    | The EPOCH timestamp value of the last SMS message sent to 202-749-9211 is: "1488557347348". |
| QDP28N                    | 1488557347348   |
| QW2T96                    | 1488557347348   |
| QWX47T                    | 1488557347348   |
| R99V9T                    | 1488557347348   |
| RDLXVN                    | 1488557347348   |
| RNKCFV                    | 1488557347  |
| RNZTBN                    | 1488557347348   |
| RVW9UB                    | 1488557347348   |
| RYLWF3                    | 1488557347348   |
| TGWQJ3                    | 1488557347348   |
| UGD3X2                    | 1488557347  |
| ULC8H7                    | 1488557347  |
| VQY8AP                    | 1488557347348   |
| W7KA6J                    | 1488557347348   |
| WGP3WY                    | 1488557347348   |
| WV8Q9H                    | 1488557347348   |
| X3GET4                    | 1488557347  |

TABLE 1

| Question 41 Communication |               |
|---------------------------|---------------|
| WebCode                   | Response      |
| XEG8Q2                    | 1488539347    |
| YM7FNW                    | 1488557347348 |
| Z7ZDQP                    | 1488557347    |
| ZJ2ALW                    | 1488557347348 |
| ZVDCAE                    | 1488557347    |

**Consensus Result:** 1488557347348 or 1488557347 without the millisecond precision.

**Expected Response Explanation:**

The EPOCH timestamp values found within the mmssms.db database file under the sms table needed to be converted using a converter to get the date and time for the last sent SMS message. The EPOCH timestamp value for the last sent SMS message is 1488557347348. Information about this file can be located at: data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: sms (Date & Time Conversion column added by CTS)

| <i>id</i> | <i>address</i> | <i>date</i>   | <i>Date &amp; Time Conversion</i> |
|-----------|----------------|---------------|-----------------------------------|
| 3         | 12027499211    | 1488294746737 | 2/28/2017, 10:12:26 AM            |
| 5         | 12027499211    | 1488296734978 | 2/28/2017, 10:45:34 AM            |
| 7         | 12027499211    | 1488299445474 | 2/28/2017, 11:30:45 AM            |
| 9         | 12027499211    | 1488300262581 | 2/28/2017, 11:44:22 AM            |
| 11        | 12027499211    | 1488378845896 | 3/1/2017, 9:34:05 AM              |
| 13        | 12027499211    | 1488381221865 | 3/1/2017, 10:13:41 AM             |
| 15        | 12027499211    | 1488382588851 | 3/1/2017, 10:36:28 AM             |
| 17        | 12027499211    | 1488384468420 | 3/1/2017, 11:07:48 AM             |
| 18        | 12027499211    | 1488466385529 | 3/2/2017, 9:53:05 AM              |
| 20        | 12027499211    | 1488470914896 | 3/2/2017, 11:08:34 AM             |
| 22        | 12027499211    | 1488472825463 | 3/2/2017, 11:40:25 AM             |
| 25        | 12027499211    | 1488484137452 | 3/2/2017, 2:48:57 PM              |
| 27        | 12027499211    | 1488556481596 | 3/3/2017, 10:54:41 AM             |
| 29        | 12027499211    | 1488556834244 | 3/3/2017, 11:00:34 AM             |
| 31        | 12027499211    | 1488557347348 | 3/3/2017, 11:09:07 AM             |

TABLE 1

| Question 42 Communication   |   |
|---|---|
| Question 42: Convert the EPOCH timestamp value of the last SMS message SENT to 202-749-9211 in US/Canada Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM. |   |
| Manufacturer's Expected Response: 3/3/2017, 11:09:07 AM   |   |
| WebCode   | Response  |
| 3YME8V  | "03/03/2017, 11:09:07 AM."  |
| 4D2G3Y  | 3/3/2017, 11:09:07 AM   |
| 64W7DD  | 03/03/2017, 11:09:07 AM   |
| 68TVUL  | 03/03/2017, 11:09:07 AM   |
| 6NG98D  | 3/3/2017, 11:09:07 AM   |
| 7MPGZU  | 03/03/2017, 11:09:07 AM   |
| 8AEEVW  | 03/03/2017, 11:09:07 AM   |
| 8H3CEM  | 03/03/2017, 11:09:07 AM   |
| 97NRER  | 03/03/2017, 11:09:07 AM (UTC -5)  |
| 98HMTM  | 03/03/2017, 11:09:07 AM   |
| 9RABMP  | 03/03/2017, 11:09:07 AM   |
| 9TFVBP  | 03/03/2017, 11:09:07 AM   |
| 9V63VL  | March/3/2017, 11:09:07 AM   |
| 9VLGYP  | 03/03/2017, 11:09:07 am   |
| A6RHYF  | 03/03/17 11:09:00PM   |
| AD36NA  | 3/3/2017, 11:09:07 AM   |
| AHXWV8  | 03/03/2017, 11:09:07 AM   |
| AV2ZJL  | Mar/3/2017 11:07:05 AM  |
| B4Q8GH  | 03/03/2017 11:07:05 AM (EST)  |
| BC8JUJ  | 03/03/2017, 11:09:07 AM   |
| BQ8KA7  | 03/03/2017, 11:09:07 AM   |
| BTXG6Q  | 03/03/2017, 11:09:07 AM   |
| C2XB4H  | 3/3/2017, 11:09:07 AM   |
| C48JW3  | 03/03/2017, 11:09:07 AM   |
| CMJ99E  | 03/03/2017, 11:09:07 AM.  |
| D7CNUM  | 3/3/2017 11:09:07 PM  |
| D83RG3  | 03/03/2017, 11:09:07 AM   |
| DKW4WM  | 03/03/2017, 11:09:07 AM   |
| EBG8GN  | March/03/2017 11:09:07 PM (Fri) (UTC -05:00) 0x 01 5A 94 EE 92 14 converted to decimal = 1488557347348 = March/03/2017 16:09:07<br>[data/Root/data/com.android.providers.telephony/databases/mmssms.db] |
| EPJBUL  | 03/03/2017, 11:09:07 AM   |
| ERPVHL  | 3/3/2017, 11:09:07 AM   |
| EV8VZM  | 03/03/2017 11:09:07 PM (-0500)  |
| EXUKE9  | 03/03/2017, 11:09:07 AM   |
| FXTZ9K  | 03/03/2017, 11:09:07 AM (-5 UTC)  |
| G7Z2ZY  | 3/3/2017, 11:09:07 AM   |

TABLE 1

| Question 42 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| HBQEBL                    | 3/3/2017, 11:09:07 AM   |
| J3RRLY                    | 03/03/2017, 11:09:07 AM   |
| JCFLXV                    | Mar/03/2017, 11:09:07 AM  |
| JWZK26                    | 03/03/2017, 11:09:07 AM   |
| KPGGU3                    | 03/03/2017, 11:09:07 AM   |
| KXDJXF                    | 3/3/2017, 11:09:07 AM   |
| L4YN7T                    | 03/03/17, 11:09:07 AM   |
| LBHWT6                    | 3/3/2017, 11:09:07 AM (UTC-5)   |
| LDKV4X                    | 03/03/2017 11:07:05 AM (EST)  |
| LHU9JB                    | 03/03/2017, 11:09:07 AM   |
| LWWHP6                    | 03/03/2017 11:07:05 AM  |
| M6LPM2                    | 03/03/2017, 11:09:07 AM   |
| M8QFRV                    | 3/3/2017 11:07:03 AM  |
| MDK6GF                    | 03/03/2017, 12:09:07 PM (UTC -04:00)  |
| MEC94V                    | 03/03/2017, 11:07:05 AM   |
| MTQEC9                    | 03/03/2017, 11:09:07 AM   |
| N3FNZA                    | 3/3/2017, 11:09:07 AM   |
| NLQEER                    | 03/03/2017, 11:09:07 AM   |
| P6YXN2                    | March/03/2017, 11:09:07 am America/New York (EST)   |
| PDR9YW                    | 3/3/2017, 11:09:07 AM   |
| PKPZ66                    | 03/03/2017, 11:09:07 AM   |
| PL7B3C                    | 03/03/2017, 11:09:07 AM   |
| PPMK9N                    | The converted timestamp value of the last SMS message sent to 202-749-9211 from EPOCH to USA/Canada Eastern time formatted as Month/Day/Year, Hours:Minutes:Seconds AM/PM is:<br>03/03/2017, 11:09:07 AM. |
| QDP28N                    | 3/3/2017, 11:09:07 (UTC-5)  |
| QW2T96                    | March/03/2017, 11:09:07 AM  |
| QWX47T                    | 3/3/2017, 11:09:07  |
| R99V9T                    | 03/03/2017, 11:09:07 AM   |
| RDLXVN                    | 03/03/2017, 11:09:07 PM   |
| RNKCFV                    | 03/03/2017, 11:09:07 AM   |
| RNZTBN                    | 03/03/2017, 11:09:07 AM   |
| RVW9UB                    | 03/03/2017, 11:09:07 AM (UTC-5)   |
| RYLWF3                    | 03/03/2017, 11:09:07 AM   |
| TGWQJ3                    | 03/03/2017, 11:09:07  |
| UGD3X2                    | 3/3/2017, 11:09:07 AM   |
| ULC8H7                    | 3/3/2017, 11:09:07 AM   |
| VQY8AP                    | 03/3/2017, 11:09:07 AM  |
| W7KA6J                    | 03/03/2017, 11:09:07 AM   |
| WGP3WY                    | 3/3/2017, 11:09:07 AM   |

TABLE 1

| Question 42 Communication |                             |
|---------------------------|-----------------------------|
| WebCode                   | Response                    |
| WV8Q9H                    | 03/03/17, 11:09:07 AM       |
| X3GET4                    | 03/03/2017, 11:09:07 AM     |
| XEG8Q2                    | 03/03/17, 11:09:07 AM       |
| YM7FNW                    | 03/03/2017, 11:09:07 AM     |
| Z7ZDQP                    | March 3 2017, 11:09:07 (AM) |
| ZJ2ALW                    | 03/03/2017, 11:09:07 AM     |
| ZVDCAE                    | 3/3/17, 11:09:07 am         |

**Consensus Result:** 3/3/2017, 11:09:07 AM and all formatting styles which represent the same date and time for the requested time zone.

**Expected Response Explanation:**

The EPOCH timestamp values found within the mmssms.db database file needed to be converted using a converter to get the date and time of the last sent SMS message on this device. The last sent SMS message timestamp value, 1488557347348, converts to 3/3/2017 , 11:09:07 AM USA / Canada Eastern Time.

**Screen Shot:**

Last sent SMS message EPOCH timestamp conversion:

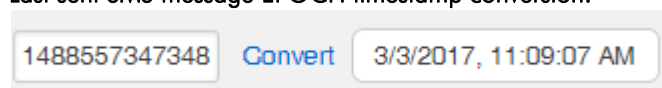


TABLE 1

| Question 43 Communication |  |
|---------------------------|--|
|---------------------------|--|

Question 43: What is the body of the last SMS message SENT to 202-749-9211?

**Manufacturer's Expected Response:** No I'm not! I know what I'm doing!

| WebCode | Response   |
|---------|--|
| 3YME8V  | No I'm not! I know what I'm doing!   |
| 4D2G3Y  | No I'm not! I know what I'm doing!   |
| 64W7DD  | No I'm not! I know what I'm doing!   |
| 68TVUL  | No I'm not! I know what I'm doing!   |
| 6NG98D  | No I'm not! I know what I'm doing!   |
| 7MPGZU  | No I'm not! I Know what I'm doing!   |
| 8AEEVW  | No I'm not! I know what I'm doing!   |
| 8H3CEM  | No I'm not! I know what I'm doing!   |
| 97NRER  | No I'm not! I know what I'm doing!   |
| 98HMTM  | No I'm not! I know what I'm doing!   |
| 9RABMP  | No I'm not! I know what I'm doing!   |
| 9TFVBP  | No I'm not! I know what I'm doing!   |
| 9V63VL  | No I'm not! I know what I'm doing!   |
| 9VLGYP  | No I'm not! I know what I'm doing.   |
| A6RHYP  | No I'm not! I know what I'm doing!   |
| AD36NA  | No I'm not! I know what I'm doing!   |
| AHXWV8  | No I'm not! I know what I'm doing!   |
| AV2ZJL  | No I'm not! I know what I'm doing!   |
| B4Q8GH  | No I'm not! I know what I'm doing!   |
| BC8JUJ  | No I'm not! I know what I'm doing!   |
| BQ8KA7  | No I'm not! I know what I'm doing!"  |
| BTXG6Q  | No I'm not! I know what I'm doing!   |
| C2XB4H  | No I'm not! I know what I'm doing!   |
| C48JW3  | No I'm not! I know what I'm doing!   |
| CMJ99E  | No I'm not! I know what I'm doing!   |
| D7CNUM  | No I'm not! I know what I'm doing!   |
| D83RG3  | No I'm not! I know what I'm doing!   |
| DKW4WM  | No I'm not! I know what I'm doing!   |
| EBG8GN  | No I'm not! I know what I'm doing!<br>[data/Root/data/com.android.providers.telephony/databases/mmssms.db] |
| EPJBUL  | No I'm not! I know what I'm doing!   |
| ERPVHL  | No I'm not! I know what I'm doing!   |
| EV8VZM  | No I'm not! I know what I'm doing!   |
| EXUKE9  | No I'm not! I know what I'm doing!   |
| FXTZ9K  | No I'm not! I know what I'm doing!   |
| G7Z2ZY  | No I'm not! I know what I'm doing!   |
| HBQEBL  | No I'm not! I know what I'm doing!   |
| J3RRLY  | No I'm not! I know what I'm doing!   |

TABLE 1

| Question 43 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | No I'm not! I know what I'm doing!  |
| JWZK26                    | No I'm not! I know what I'm doing!  |
| KPGGU3                    | No I'm not! I know what I'm doing!  |
| KXDJXF                    | No I'm not! I know what I'm doing!  |
| L4YN7T                    | No I'm not! I know what I'm doing!  |
| LBHWT6                    | No I'm not! I know what I'm doing! (from sms table of mmssms.db)                          |
| LDKV4X                    | No I'm not! I know what I'm doing!  |
| LHU9JB                    | No I'm not! I know what I'm doing!  |
| LWWHP6                    | No, I'm not! I know what I'm doing!   |
| M6LPM2                    | No I'm not! I know what I'm doing!  |
| M8QFRV                    | No I'm not! I know what I'm doing!  |
| MDK6GF                    | No I'm not! I know what I'm doing!  |
| MEC94V                    | No I'm not! I know what I'm doing!  |
| MTQEC9                    | No I'm not! I know what I'm doing!  |
| N3FNZA                    | No I'm not! I know what I'm doing!  |
| NLQEER                    | No I'm not! I know what I'm doing!  |
| P6YXN2                    | No I'm not! I know what I'm doing!  |
| PDR9YW                    | No I'm not! I know what I'm doing!  |
| PKPZ66                    | No I'm not! I know what I'm doing!  |
| PL7B3C                    | No I'm not! I know what I'm doing!  |
| PPMK9N                    | The body of the last SMS sent to 202-749-9211 reads: "No I'm not! I know what I'm doing!" |
| QDP28N                    | No I'm not! I know what I'm doing!  |
| QW2T96                    | No I'm not! I know what I'm doing!  |
| QWX47T                    | No I'm not! I know what I'm doing!  |
| R99V9T                    | No I'm not! I know what I'm doing!  |
| RDLXVN                    | "No I'm not! I know what I'm doing!"  |
| RNKCFV                    | No I'm not! I know what I'm doing!  |
| RNZTBN                    | No I'm not! I know what I'm doing!  |
| RVW9UB                    | No I'm not! I know what I'm doing!  |
| RYLWF3                    | No I'm not! I know what I'm doing!  |
| TGWQJ3                    | No I'm not! I know what I'm doing!  |
| UGD3X2                    | No I'm not! I know what I'm doing!  |
| ULC8H7                    | No I'm not! I know what I'm doing!  |
| VQY8AP                    | No I'm not! I know what I'm doing!  |
| W7KA6J                    | No I'm not! I know what I'm doing!  |
| WGP3WY                    | No I'm not! I know what I'm doing!  |
| WV8Q9H                    | No I'm not! I know what I'm doing!  |
| X3GET4                    | No I'm not! I know what I'm doing!  |
| XEG8Q2                    | No I'm not! I know what I'm doing!  |
| YM7FNW                    | No I'm not! I know what I'm doing!  |

TABLE 1

| Question 43 Communication |                                    |
|---------------------------|------------------------------------|
| WebCode                   | Response                           |
| Z7ZDQP                    | No I'm not! I know what I'm doing! |
| ZJ2ALW                    | No I'm not! I know what I'm doing! |
| ZVDCAE                    | No I'm not! I know what I'm doing! |

**Consensus Result:** No I'm not! I know what I'm doing!

**Expected Response Explanation:**

To determine the body of the last SMS message received on this device, the EPOCH timestamp values found within the mmssms.db database file under the sms table need to be converted. The timestamp value for the last received SMS message on this device is 1488557347348. Information about this file can be located at: data/Root/data/com.android.providers.telephony/databases/mmssms.db

**Screen Shot:**

Database: mmssms >>> Table: sms (Date & Time Conversion column added by CTS)

| <i>id</i> | <i>address</i> | <i>date</i>   | <i>Date &amp; Time Conversion</i> |
|-----------|----------------|---------------|-----------------------------------|
| 3         | 12027499211    | 1488294746737 | 2/28/2017, 10:12:26 AM            |
| 5         | 12027499211    | 1488296734978 | 2/28/2017, 10:45:34 AM            |
| 7         | 12027499211    | 1488299445474 | 2/28/2017, 11:30:45 AM            |
| 9         | 12027499211    | 1488300262581 | 2/28/2017, 11:44:22 AM            |
| 11        | 12027499211    | 1488378845896 | 3/1/2017, 9:34:05 AM              |
| 13        | 12027499211    | 1488381221865 | 3/1/2017, 10:13:41 AM             |
| 15        | 12027499211    | 1488382588851 | 3/1/2017, 10:36:28 AM             |
| 17        | 12027499211    | 1488384468420 | 3/1/2017, 11:07:48 AM             |
| 18        | 12027499211    | 1488466385529 | 3/2/2017, 9:53:05 AM              |
| 20        | 12027499211    | 1488470914896 | 3/2/2017, 11:08:34 AM             |
| 22        | 12027499211    | 1488472825463 | 3/2/2017, 11:40:25 AM             |
| 25        | 12027499211    | 1488484137452 | 3/2/2017, 2:48:57 PM              |
| 27        | 12027499211    | 1488556481596 | 3/3/2017, 10:54:41 AM             |
| 29        | 12027499211    | 1488556834244 | 3/3/2017, 11:00:34 AM             |
| 31        | 12027499211    | 1488557347348 | 3/3/2017, 11:09:07 AM             |

Body of last sent SMS message:

| <i>_id</i> | <i>body</i>                        |
|------------|------------------------------------|
| 31         | No I'm not! I know what I'm doing! |



TABLE 1

**Question 44 Communication**

**Question 44: How many e-mails were received from nicolecooper23@aol.com?**

**Manufacturer's Expected Response:** Eight (8)

| WebCode | Response   |
|---------|--|
| 3YME8V  | 8  |
| 4D2G3Y  | 8 emails   |
| 64W7DD  | Eight (8)  |
| 68TVUL  | 08   |
| 6NG98D  | 8  |
| 7MPGZU  | 8  |
| 8AEEVW  | 8  |
| 8H3CEM  | 8  |
| 97NRER  | 8  |
| 98HMTM  | 8  |
| 9RABMP  | Eight (08)   |
| 9TFVBP  | 8  |
| 9V63VL  | 8  |
| 9VLGYP  | 8  |
| A6RHYP  | 8  |
| AD36NA  | 8  |
| AHXWV8  | 8  |
| AV2ZJL  | Eight (8)  |
| B4Q8GH  | 8  |
| BC8JUJ  | 4  |
| BQ8KA7  | 8  |
| BTXG6Q  | 8  |
| C2XB4H  | 8  |
| C48JW3  | 8  |
| CMJ99E  | 8  |
| D7CNUM  | 8  |
| D83RG3  | Eight (8)  |
| DKW4WM  | 8  |
| EBG8GN  | 8 [data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db]<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db-wal] |
| EPJBUL  | 8  |
| ERPVHL  | 8  |
| EV8VZM  | 8  |
| EXUKE9  | 8  |
| FXTZ9K  | 8  |
| G7Z2ZY  | 8  |
| HBQEBL  | Eight (8)  |
| J3RRLY  | 8  |

TABLE 1

| Question 44 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| JCFLXV                    | 8   |
| JWZK26                    | 8   |
| KPGGU3                    | 8   |
| KXDJXF                    | 8   |
| L4YN7T                    | 8   |
| LBHWT6                    | 8 (from messages table of mailstore.bencooper1381@gmail.com.db) |
| LDKV4X                    | Eight (8)   |
| LHU9JB                    | 8   |
| LWWHP6                    | 8   |
| M6LPM2                    | 8   |
| M8QFRV                    | 8   |
| MDK6GF                    | 8   |
| MEC94V                    | 8 (eight)   |
| MTQEC9                    | 8   |
| N3FNZA                    | 8   |
| NLQEER                    | 8   |
| P6YXN2                    | 8   |
| PDR9YW                    | 8   |
| PKPZ66                    | 8   |
| PL7B3C                    | 8   |
| PPMK9N                    | Eight e-mails were received from nicolecooper23@aol.com.        |
| QDP28N                    | 8   |
| QW2T96                    | 8   |
| QWX47T                    | 8   |
| R99V9T                    | 8   |
| RDLXVN                    | 8   |
| RNKCFV                    | 8   |
| RNZTBN                    | Eight (8) messages  |
| RWW9UB                    | 8   |
| RYLWF3                    | 8   |
| TGWQJ3                    | 8   |
| UGD3X2                    | 8   |
| ULC8H7                    | 8   |
| VQY8AP                    | 8   |
| W7KA6J                    | Eight (8)   |
| WGP3WY                    | 8   |
| WV8Q9H                    | 8   |
| X3GET4                    | 8   |
| XEG8Q2                    | 8   |
| YM7FNW                    | 8   |

TABLE 1

| Question 44 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| Z7ZDQP                    | 8        |
| ZJ2ALW                    | 8        |
| ZVDCAE                    | 8        |

**Consensus Result:** Eight (8)

**Expected Response Explanation:**

Information regarding sent and received e-mails can be found within the mailstore.bencooper1381@gmail.com.db database file under the messages table. This file can be located at:  
 data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db

**Screen Shot:**

Database: mailstore.bencooper1381@gmail.com >>> Table: messages

| <i>_id</i> | <i>fromAddress</i>                       | <i>toAddress</i>             |
|------------|--|------------------------------|
| 8          | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 10         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 12         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 13         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 15         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 17         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 19         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |
| 21         | "Nicole Cooper" <nicolecooper23@aol.com> | "" <bencooper1381@gmail.com> |

TABLE 1

**Question 45 Communication**

Question 45: How many e-mails were sent to nicolecooper23@aol.com? Do NOT include e-mails that were deleted.

Manufacturer's Expected Response: Eight (8)

| WebCode | Response  |
|---------|---|
| 3YME8V  | 8   |
| 4D2G3Y  | 8   |
| 64W7DD  | Eight (8)   |
| 68TVUL  | 08  |
| 6NG98D  | 8   |
| 7MPGZU  | 8   |
| 8AEEVW  | 8   |
| 8H3CEM  | 8   |
| 97NRER  | 8   |
| 98HMTM  | 8   |
| 9RABMP  | Eight (08)  |
| 9TFVBP  | 8   |
| 9V63VL  | 8   |
| 9VLGYP  | 8   |
| A6RHYF  | 8   |
| AD36NA  | 8   |
| AHXWV8  | 8   |
| AV2ZJL  | Eight (8)   |
| B4Q8GH  | 8   |
| BC8JUU  | 8   |
| BQ8KA7  | 8   |
| BTXG6Q  | 8   |
| C2XB4H  | 8   |
| C48JW3  | 8   |
| CMJ99E  | 8   |
| D7CNUM  | 8   |
| D83RG3  | Eight (8)   |
| DKW4WM  | 8   |
| EBG8GN  | 8 [data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db-wal]<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db |
| EPJBUL  | 8   |
| ERPVHL  | 8   |
| EV8VZM  | 8   |
| EXUKE9  | 8   |
| FXTZ9K  | 8 (There were also 2 deleted emails, which appeared to be portions of 2 emails that were included in the count of 8.)   |
| G7Z2ZY  | 7   |

TABLE 1

| Question 45 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| HBQEBL                    | Eight (8)   |
| J3RRLY                    | 8   |
| JCFLXV                    | 8   |
| JWZK26                    | 8   |
| KPGGU3                    | 8   |
| KXDJXF                    | 8   |
| L4YN7T                    | 8   |
| LBHWT6                    | 8 (from messages table of mailstore.bencooper1381@gmail.com.db) |
| LDKV4X                    | Eight (8)   |
| LHU9JB                    | 8   |
| LWWHP6                    | 8   |
| M6LPM2                    | 8   |
| M8QFRV                    | 8   |
| MDK6GF                    | 8   |
| MEC94V                    | 8 (eight)   |
| MTQEC9                    | 8   |
| N3FNZA                    | 8   |
| NLQEER                    | 8   |
| P6YXN2                    | 8   |
| PDR9YW                    | 8   |
| PKPZ66                    | 8   |
| PL7B3C                    | 8   |
| PPMK9N                    | Eight e-mails were sent to nicolecooper23@aol.com.              |
| QDP28N                    | 8   |
| QW2T96                    | 8   |
| QWX47T                    | 8   |
| R99V9T                    | 8   |
| RDLXVN                    | 8   |
| RNKCFV                    | 8   |
| RNZTBN                    | Eight (8) messages  |
| RVW9UB                    | 8   |
| RYLWF3                    | 8   |
| TGWQJ3                    | 8   |
| UGD3X2                    | 8   |
| ULC8H7                    | 8   |
| VQY8AP                    | 8   |
| W7KA6J                    | Eight (8)   |
| WGP3WY                    | 8   |
| WV8Q9H                    | 8   |
| X3GET4                    | 8   |

TABLE 1

| Question 45 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| XEG8Q2                    | 8        |
| YM7FNW                    | 8        |
| Z7ZDQP                    | 8        |
| ZJ2ALW                    | 8        |
| ZVDCAE                    | 8        |

**Consensus Result:** Eight (8)

**Expected Response Explanation:**

Information regarding sent and received e-mails can be found within the mailstore.bencooper1381@gmail.com.db database file under the messages table. This file can be located at:  
data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db

**Screen Shot:**

Database: mailstore.bencooper1381@gmail.com >>> Table: messages

| <i><u>id</u></i> | <i>fromAddress</i>                        | <i>toAddress</i>                            |
|------------------|---|---|
| 9                | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 11               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 14               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 16               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 18               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 20               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 22               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |
| 23               | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> |

TABLE 1

**Question 46 Communication**

**Question 46:** Provide the subject field of the first received e-mail from nicolecooper23@aol.com on March 2, 2017.

**Manufacturer's Expected Response:** Divorce

| WebCode | Response   |
|---------|--|
| 3YME8V  | Divorce  |
| 4D2G3Y  | Divorce  |
| 64W7DD  | Divorce  |
| 68TVUL  | DIVORCE  |
| 6NG98D  | Divorce  |
| 7MPGZU  | Divorce  |
| 8AEEVW  | Divorce  |
| 8H3CEM  | Divorce  |
| 97NRER  | Divorce  |
| 98HMTM  | Divorce  |
| 9RABMP  | Divorce  |
| 9TFVBP  | Divorce  |
| 9V63VL  | Divorce  |
| 9VLGYP  | Divorce  |
| A6RHYF  | Debt Collector   |
| AD36NA  | Divorce  |
| AHXWV8  | Divorce  |
| AV2ZJL  | Divorce  |
| B4Q8GH  | Divorce  |
| BC8JUJ  | Divorce  |
| BQ8KA7  | Divorce  |
| BTXG6Q  | Re: Divorce  |
| C2XB4H  | Divorce  |
| C48JW3  | Debt Collector   |
| CMJ99E  | Divorce  |
| D7CNUM  | Divorce  |
| D83RG3  | Divorce  |
| DKW4WM  | Divorce  |
| EBG8GN  | Divorce [data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db]<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db-wal] |
| EPJBUL  | Divorce  |
| ERPVHL  | Divorce  |
| EV8VZM  | Divorce  |
| EXUKE9  | Divorce  |
| FXTZ9K  | Divorce  |
| G7Z2ZY  | Re: Divorce  |
| HBQEBL  | Divorce  |

TABLE 1

| Question 46 Communication |  |
|---------------------------|--|
| WebCode                   | Response   |
| J3RRLY                    | Divore   |
| JCFLXV                    | Divorce  |
| JWZK26                    | Divorce  |
| KPGGU3                    | Divorce  |
| KXDJXF                    | Divorce  |
| L4YN7T                    | Divorce  |
| LBHWT6                    | Divorce (from messages table of mailstore.bencooper1381@gmail.com.db)                                      |
| LDKV4X                    | Divorce  |
| LHU9JB                    | Divorce  |
| LWWHP6                    | Divorce  |
| M6LPM2                    | Debt Collector   |
| M8QFRV                    | Divorce  |
| MDK6GF                    | Debt Collector   |
| MEC94V                    | DIVORCE  |
| MTQEC9                    | Divorce  |
| N3FNZA                    | Divorce  |
| NLQEER                    | Divorce  |
| P6YXN2                    | Divorce  |
| PDR9YW                    | Re:Divorce   |
| PKPZ66                    | Divorce  |
| PL7B3C                    | Divorce  |
| PPMK9N                    | The subject field of the first received e-mail from nicolecooper23@aol.com on March 2, 2017 was "Divorce". |
| QDP28N                    | Divorce  |
| QW2T96                    | Debt Collector   |
| QWX47T                    | Divorce  |
| R99V9T                    | Divorce  |
| RDLXVN                    | "Divorce"  |
| RNKCFV                    | Divorce  |
| RNZTBN                    | Divorce  |
| RVW9UB                    | Divorce  |
| RYLWF3                    | Divorce  |
| TGWQJ3                    | Divorce  |
| UGD3X2                    | Divorce  |
| ULC8H7                    | Debt Collector   |
| VQY8AP                    | Divorce  |
| W7KA6J                    | Divorce  |
| WGP3WY                    | Divorce  |
| WV8Q9H                    | Divorce  |
| X3GET4                    | Divorce  |



TABLE 1

| Question 46 Communication |          |
|---------------------------|----------|
| WebCode                   | Response |
| XEG8Q2                    | Divorce  |
| YM7FNW                    | Divorce  |
| Z7ZDQP                    | Divorce  |
| ZJ2ALW                    | Divorce  |
| ZVDCAE                    | Divorce  |

**Consensus Result:** Divorce

**Expected Response Explanation:**

Information about the subject field for the first received e-mail from nicolecooper23@aol.com on March 2, 2017 can be found within the mailstore.bencooper1381@gmail.com.db database file under the messages table. This file can be located at: data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db

**Screen Shot:**

Database: mailstore.bencooper1381@gmail.com >>> Table: messages

| From                                       | Timestamp                  | Subject |
|--|----------------------------|---------|
| From: nicolecooper23@aol.com Nicole Cooper | 3/2/2017 7:59:41 AM(UTC-5) | Divorce |

TABLE 1

**Question 47 Communication**

Question 47: Provide the EPOCH timestamp value for the last e-mail sent to nicolecooper23@aol.com.

**Manufacturer's Expected Response:** 1488487973000

| WebCode | Response   |
|---------|--|
| 3YME8V  | 1488487973000  |
| 4D2G3Y  | 1488470273   |
| 64W7DD  | 1488487973000  |
| 68TVUL  | 1488487973000  |
| 6NG98D  | 1488487973   |
| 7MPGZU  | 1488487973000  |
| 8AEEVW  | 1488487973000  |
| 8H3CEM  | 1488487973000  |
| 97NRER  | 1488487973000  |
| 98HMTM  | 1488487973000  |
| 9RABMP  | 1488487973000  |
| 9TFVBP  | 1488487973000  |
| 9V63VL  | 1488487973000  |
| 9VLGYP  | 1488487973000  |
| A6RHYF  | 1488487920   |
| AD36NA  | 1488487973000  |
| AHXWV8  | 1488487973000  |
| AV2ZJL  | 1488487973000  |
| B4Q8GH  | 1488487973094  |
| BC8JUJ  | 1488487973000  |
| BQ8KA7  | 1488487973000  |
| BTXG6Q  | 1488451973   |
| C2XB4H  | 1488487973   |
| C48JW3  | 1488487973   |
| CMJ99E  | 1488487973000 Note that Cellebrite included three additional characters for millisecond precision in the EPOCH timestamp (000).  |
| D7CNUM  | 1488487973000  |
| D83RG3  | 1488487973000  |
| DKW4WM  | 1488487973   |
| EBG8GN  | 5814406144<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db]<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db-wal] |
| EPJBUL  | 1488487973000  |
| ERPVHL  | 1488487973000  |
| EV8VZM  | 1488487973000 (same converted as date received EPOCH time stamp = 1488487973094)   |
| EXUKE9  | 1488487973   |
| FXTZ9K  | 1488487973000  |
| G7Z2ZY  | 1488469973   |

TABLE 1

| Question 47 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| HBQEBL                    | 1488487973  |
| J3RRLY                    | 1488487973000   |
| JCFLXV                    | 1488487973000   |
| JWZK26                    | 1488487973  |
| KPGGU3                    | 1488487973  |
| KXDJXF                    | 1488487973000   |
| L4YN7T                    | 1488487973000   |
| LBHWT6                    | 1488487973000 (based on dateSentMs messages table of mailstore.bencooper1381@gmail.com.db; EPOCH time stamp of dateReceivedMS field is 1488487973094) |
| LDKV4X                    | 1488487973094   |
| LHU9JB                    | 1488487973000   |
| LWWHP6                    | 1488444773  |
| M6LPM2                    | 1488487973000   |
| M8QFRV                    | 1488487973000   |
| MDK6GF                    | 1488487973000   |
| MEC94V                    | 1488487973000   |
| MTQEC9                    | 1488487973000   |
| N3FNZA                    | 1488487973000   |
| NLQEER                    | 1488487973000   |
| P6YXN2                    | 1488487973000   |
| PDR9YW                    | date received: 1488487973094  |
| PKPZ66                    | 1488487973  |
| PL7B3C                    | 1488487973  |
| PPMK9N                    | The EPOCH timestamp value for the last e-mail sent to nicolecooper23@aol.com is: "1488487973000".   |
| QDP28N                    | 1488487973094   |
| QW2T96                    | 1488487973000   |
| QWX47T                    | 1488487973000   |
| R99V9T                    | 1488487973000   |
| RDLXVN                    | 1488487973000   |
| RNKCFV                    | 1488487973  |
| RNZTBN                    | 1488487973000   |
| RVW9UB                    | 1488487973000   |
| RYLWF3                    | 1488487973000   |
| TGWQJ3                    | 1488487973000   |
| UGD3X2                    | 1488487973  |
| ULC8H7                    | 1488469973  |
| VQY8AP                    | 1488487973000   |
| W7KA6J                    | 1488487973000   |
| WGP3WY                    | 1488487973000   |

TABLE 1

| Question 47 Communication |               |
|---------------------------|---------------|
| WebCode                   | Response      |
| WV8Q9H                    | 1488487973000 |
| X3GET4                    | 1488487973    |
| XEG8Q2                    | 1488444773    |
| YM7FNW                    | 1488487973000 |
| Z7ZDQP                    | 1488487973    |
| ZJ2ALW                    | 1488487973000 |
| ZVDCAE                    | 1488487973    |

**Consensus Result:** Due to the ambiguity of the question, the following responses will be accepted. EPOCH timestamp 1488487973, 1488487973000 with the millisecond precision, and 1488487973094(dateReceivedMs).

**Expected Response Explanation:**

To determine the EPOCH timestamp value of the last e-mail sent to nicolecooper23@aol.com, values found within the mailstore.bencooper1381@gmail.com.db database file in the "dateSentMs" column under the messages table need to be converted. The timestamp value for the last e-mail sent to nicolecooper23@aol.com is 1488487973000 within the "dateSentMs" column, and 1488487973094 under the "dateReceivedMs" column. Information about this file can be located at: data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db

**Screen Shot:**

Database: mailstore.bencooper1381@gmail.com.db >>> Table: messages (Date & Time Conversion column added by CTS)

| <i>_id</i> | <i>toAddress</i>                         | <i>dateReceivedMs</i> | <i>dateSentMs</i> | <i>Date &amp; Time Conversion</i> |
|------------|--|-----------------------|-------------------|-----------------------------------|
| 9          | "Nicole Cooper" <nicolecooper23@aol.com> | 1488218196589         | 1488218196000     | 2/27/2017, 12:56:36 PM            |
| 11         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488301386480         | 1488301386000     | 2/28/2017, 12:03:06 PM            |
| 14         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488309980811         | 1488309980000     | 2/28/2017, 2:26:20 PM             |
| 16         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488377621192         | 1488377621000     | 3/1/2017, 9:13:41 AM              |
| 18         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488396696303         | 1488396696000     | 3/1/2017, 2:31:36 PM              |
| 20         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488464104644         | 1488464104000     | 3/2/2017, 9:15:04 AM              |
| 22         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488471286450         | 1488471286000     | 3/2/2017, 11:14:46 AM             |
| 23         | "Nicole Cooper" <nicolecooper23@aol.com> | 1488487973094         | 1488487973000     | 3/2/2017, 3:52:53 PM              |

TABLE 1

**Question 48 Communication**

**Question 48:** Convert the EPOCH timestamp value for the last e-mail sent to nicolecooper23@aol.com in US/Eastern Time with the following format: Month/Day/Year, Hours:Minutes:Seconds AM/PM.

**Manufacturer's Expected Response:** 3/2/2017, 3:52:53 PM

| WebCode | Response  |
|---------|---|
| 3YME8V  | "03/02/2017, 3:52:53 PM"  |
| 4D2G3Y  | 3/2/2017, 3:52:53 PM  |
| 64W7DD  | 3/2/2017, 3:52:53 PM  |
| 68TVUL  | 02/03/2017 03:52:53 PM  |
| 6NG98D  | 3/2/2017, 3:52:53 PM  |
| 7MPGZU  | 03/02/2017, 3:52:53 PM  |
| 8AEEVW  | 03/02/2017, 03:52:53 PM   |
| 8H3CEM  | 03/02/2017, 03:52:53 PM   |
| 97NRER  | 03/02/2017, 03:52:53 PM (UTC -5)  |
| 98HMTM  | 03/02/2017, 3:52:53 PM  |
| 9RABMP  | 03/02/2017, 03:52:53 PM   |
| 9TFVBP  | 03/02/2017, 03:52:53 PM   |
| 9V63VL  | March/2/2017, 03:52:53 PM   |
| 9VLGYP  | 03/02/2017, 03:52:53 pm   |
| A6RHYF  | 3/2/17 15:52:00PM   |
| AD36NA  | 3/2/2017, 3:52:53 PM  |
| AHXWV8  | 03/02/2017, 15:52:53 PM   |
| AV2ZJL  | Mar/2/2017, 3:52:53 PM  |
| B4Q8GH  | 03/02/2017, 03:52:53 PM (EST)   |
| BC8JUJ  | 03/02/2017, 03:52:53 PM   |
| BQ8KA7  | 03/02/2017, 15:52:53 PM   |
| BTXG6Q  | 03/02/2017, 03:52:53 PM   |
| C2XB4H  | 3/2/2017, 3:52:53 PM  |
| C48JW3  | 03/02/2017, 03:52:53 PM   |
| CMJ99E  | 03/02/2017, 3:52:53 PM.   |
| D7CNUM  | 3/2/2017, 3:52:53 PM  |
| D83RG3  | 03/02/2017, 3:52:53 PM  |
| DKW4WM  | 03/02/2017 8:52:53 PM   |
| EBG8GN  | 02/March/2017, 15:52:53 (Thursday) ( UTC -05:00 ) 1488487973000 0x01 5A 90 CC 00 88 = 1488487973000 = Thu, 02 Mar 2017 20:52:53 (UTC 00:00)<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db]<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db-wal] |
| EPJBUL  | 03/02/2017, 03:52:53 PM   |
| ERPVHL  | 3/2/2017, 3:52:53 PM  |
| EV8VZM  | 03/02/2017, 3:52:53 pm (-0500)  |
| EXUKE9  | 03/02/2017, 03:52:53 PM   |
| FXTZ9K  | 03/02/2017, 3:52:53 PM (-5 UTC)   |

TABLE 1

| Question 48 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| G7Z2ZY                    | 3/2/2017 3:52:53 AM   |
| HBQEBL                    | 3/2/2017, 15:52:53 PM   |
| J3RRLY                    | 02/03/2017 15:52:53 PM  |
| JCFLXV                    | Mar/02/2017, 03:52:53 PM  |
| JWZK26                    | 03/02/2017, 03:52:53 PM   |
| KPGGU3                    | 03/02/2017, 03:52:53 PM   |
| KXDJXF                    | 3/2/2017, 3:52:53 PM  |
| L4YN7T                    | 03/02/17, 15:52:53 PM   |
| LBHWT6                    | 3/2/2017, 3:52:53 PM (UTC-5)  |
| LDKV4X                    | 03/02/2017, 15:52:53 PM (EST)   |
| LHU9JB                    | 03/02/2017, 03:52:53 PM   |
| LWWHP6                    | 03/02/2017 3:52:53 AM   |
| M6LPM2                    | 02/03/2017, 15:52:53 PM   |
| M8QFRV                    | 3/02/2017, 3:52:53 PM   |
| MDK6GF                    | 03/02/2017 04:52:53 PM (UTC-4:00)   |
| MEC94V                    | 3/2/2017, 03:52:53 PM   |
| MTQEC9                    | 03/02/2017, 03:52:53 PM   |
| N3FNZA                    | 3/2/2017, 3:52:53 PM  |
| NLQEER                    | 03/02/2017, 3:52:53 PM  |
| P6YXN2                    | March/02/2017, 15:52:53 pm America/New York (EST)   |
| PDR9YW                    | 3/2/2017 4:52:53 PM   |
| PKPZ66                    | 03/02/2017, 03:52:53 PM   |
| PL7B3C                    | 02/03/2017 03:52:53 PM  |
| PPMK9N                    | The converted timestamp value of the last e-mail sent to nicolecooper23@aol.com from EPOCH to USA/Canada Eastern time formatted as Month/Day/Year, Hours:Minutes:Seconds AM/PM is: "03/02/2017, 15:52:53 PM". |
| QDP28N                    | 3/2/2017 11:14:46 (UTC -5)  |
| QW2T96                    | March/02/2017, 03:52:53 PM  |
| QWX47T                    | 3/2/2017, 3:52:53 PM  |
| R99V9T                    | 03/02/2017, 03:52:53 PM   |
| RDLXVN                    | 03/02/2017, 15:52:53 PM   |
| RNKCFV                    | 03/02/2017, 3:52:53 PM  |
| RNZTBN                    | 03/02/2017, 03:52:53 PM   |
| RVW9UB                    | 02/03/2017 3:52:53 PM (UTC-5)   |
| RYLWF3                    | 03/02/2017, 03:52:53 PM   |
| TGWQJ3                    | 03/02/2017, 15:52:53  |
| UGD3X2                    | 3/2/2017, 3:52:53 PM  |
| ULC8H7                    | 3/2/2017, 3:52:53 PM  |
| VQY8AP                    | 3/2/2017, 3:52:53 PM  |
| W7KA6J                    | 03/02/2017, 15:52:53 PM   |

TABLE 1

| Question 48 Communication |                             |
|---------------------------|-----------------------------|
| WebCode                   | Response                    |
| WGP3WY                    | 3/2/2017, 3:52:53 PM        |
| WV8Q9H                    | 03/02/17, 03:52:53 PM       |
| X3GET4                    | 03/02/2017, 15:52:53 PM     |
| XEG8Q2                    | 03/02/17 03:52:53 AM        |
| YM7FNW                    | 3/2/2017, 3:52:53 PM        |
| Z7ZDQP                    | March 2 2017, 03:52:53 (PM) |
| ZJ2ALW                    | 03/02/2017, 3:52:53 PM      |
| ZVDCAE                    | 3/2/2017, 3:52:53 pm        |

**Consensus Result:** 3/2/2017, 3:52:53 PM and all formatting styles which represent the same date and time for the requested time zone. Participants who appeared to report Day/Month instead of the requested Month/Day are highlighted as assumptions cannot be made that month and day were interchanged.

**Expected Response Explanation:**

The EPOCH timestamp value found within the mailstore.bencooper1381@gmail.com.db database file under the messages table needed to be converted to get the date and time for the last sent e-mail to nicolecooper23@aol.com. The last sent e-mail timestamp value, 1488487973000, converts to 3/2/2017 , 3:52:53 PM USA / Canada Eastern Time.

**Screen Shot:**

Last sent e-mail message EPOCH timestamp conversion:

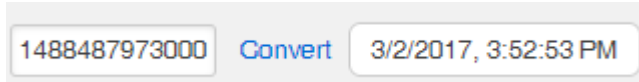


TABLE 1

| Question 49 Communication |  |
|---------------------------|--|
|---------------------------|--|

Question 49: What is the subject field of the last e-mail sent to nicolecooper23@aol.com?

**Manufacturer's Expected Response:** Talk tomorrow

| WebCode | Response  |
|---------|---|
| 3YME8V  | Talk tomorrow   |
| 4D2G3Y  | Talk tomorrow   |
| 64W7DD  | Talk tomorrow   |
| 68TVUL  | Talk tomorrow   |
| 6NG98D  | Talk tomorrow   |
| 7MPGZU  | Talk tomorrow   |
| 8AEEVW  | Talk tomorrow   |
| 8H3CEM  | Talk tomorrow   |
| 97NRER  | Talk Tomorrow   |
| 98HMTM  | Talk tomorrow   |
| 9RABMP  | Talk tomorrow   |
| 9TFVBP  | Talk Tomorrow   |
| 9V63VL  | Talk tomorrow   |
| 9VLGYP  | Talk tomorrow   |
| A6RHYP  | Talk tomorrow   |
| AD36NA  | Talk tomorrow   |
| AHXWV8  | Talk tomorrow   |
| AV2ZJL  | Talk tomorrow   |
| B4Q8GH  | Talk tomorrow   |
| BC8JUJ  | Talk tomorrow   |
| BQ8KA7  | Talk tomorrow   |
| BTXG6Q  | Talk tomorrow   |
| C2XB4H  | Talk Tomorrow   |
| C48JW3  | Talk tomorrow   |
| CMJ99E  | Talk tomorrow   |
| D7CNUM  | Talk tomorrow   |
| D83RG3  | Talk tomorrow   |
| DKW4WM  | Talk tomorrow   |
| EBG8GN  | Talk tomorrow<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db]<br>[data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db-wal] |
| EPJBUL  | Talk tomorrow   |
| ERPVHL  | Talk tomorrow   |
| EV8VZM  | Talk tomorrow   |
| EXUKE9  | Talk Tomorrow   |
| FXTZ9K  | Talk tomorrow   |
| G7Z2ZY  | Talk Tomorrow   |
| HBQEBL  | Talk tomorrow   |



TABLE 1

| Question 49 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| J3RRLY                    | Talk tomorrow   |
| JCFLXV                    | Talk tomorrow   |
| JWZK26                    | Talk tomorrow   |
| KPGGU3                    | Talk tomorrow   |
| KXDJXF                    | Talk tomorrow   |
| L4YN7T                    | talk tomorrow   |
| LBHWT6                    | Talk tomorrow (from messages table of mailstore.bencooper1381@gmail.com.db)       |
| LDKV4X                    | Talk Tomorrow   |
| LHU9JB                    | Talk tomorrow   |
| LWWHP6                    | Talk Tomorrow   |
| M6LPM2                    | Talk tomorrow   |
| M8QFRV                    | Talk tomorrow   |
| MDK6GF                    | Talk tomorrow   |
| MEC94V                    | Talk tomorrow   |
| MTQEC9                    | Talk tomorrow   |
| N3FNZA                    | Talk tomorrow   |
| NLQEER                    | Talk tomorrow   |
| P6YXN2                    | Talk tomorrow   |
| PDR9YW                    | Talk tomorrow   |
| PKPZ66                    | Talk tomorrow   |
| PL7B3C                    | Talk tomorrow   |
| PPMK9N                    | The subject of the last e-mail sent to nicolecooper23@aol.com is "Talk tomorrow". |
| QDP28N                    | Talk Tomorrow   |
| QW2T96                    | Talk tomorrow   |
| QWX47T                    | Talk tomorrow   |
| R99V9T                    | Talk tomorrow   |
| RDLXVN                    | "Talk tomorrow"   |
| RNKCFV                    | Talk Tomorrow   |
| RNZTBN                    | Talk tomorrow   |
| RVW9UB                    | Talk tomorrow   |
| RYLWF3                    | Talk tomorrow   |
| TGWQJ3                    | Talk tomorrow   |
| UGD3X2                    | Talk tomorrow   |
| ULC8H7                    | Talk tomorrow   |
| VQY8AP                    | Talk tomorrow   |
| W7KA6J                    | Talk tomorrow   |
| WGP3WY                    | Talk tomorrow   |
| WV8Q9H                    | Talk tomorrow   |
| X3GET4                    | Talk tomorrow   |
| XEG8Q2                    | Talk Tomorrow   |

TABLE 1

| Question 49 Communication |               |
|---------------------------|---------------|
| WebCode                   | Response      |
| YM7FNW                    | Talk tomorrow |
| Z7ZDQP                    | Talk tomorrow |
| ZJ2ALW                    | Talk tomorrow |
| ZVDCAE                    | Talk Tomorrow |

**Consensus Result:** Talk tomorrow

**Expected Response Explanation:**

Information regarding the subject field for the last e-mail sent to nicolecooper23@aol.com on this device can be found within the mailstore.bencooper1381@gmail.com.db database file under the messages table. This file can be located at: data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db

**Screen Shot:**

Database: mailstore.bencooper1381@gmail.com.db >>> Table: messages

| _id | fromAddress                               | toAddresses                                 | subject       | dateSentMs    |
|-----|---|---|---------------|---------------|
| 23  | "Ben Cooper"<br><bencooper1381@gmail.com> | "Nicole Cooper"<br><nicolecooper23@aol.com> | Talk tomorrow | 1488487973000 |

TABLE 1

**Question 50 Communication**

**Question 50: What is the body of the last e-mail sent to nicolecooper23@aol.com?**

**Manufacturer's Expected Response:** Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben

| WebCode | Response   |
|---------|--|
| 3YME8V  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a wal...   |
| 4D2G3Y  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 64W7DD  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 68TVUL  | Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.              |
| 6NG98D  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben. |
| 7MPGZU  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 8AEEVV  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 8H3CEM  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 97NRER  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 98HMTM  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 9RABMP  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 9TFVBP  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 9V63VL  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| 9VLGYP  | Nicole, Lets meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 am Ben.   |
| A6RHYF  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| AD36NA  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| AHXWV8  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| AV2ZJL  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| B4Q8GH  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a wal...   |
| BC8JUJ  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| BQ8KA7  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben    |
| BTXG6Q  | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| C2XB4H  | Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.              |

TABLE 1

| Question 50 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| C48JW3                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| CMJ99E                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| D7CNUM                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| D83RG3                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| DKW4WM                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| EBG8GN                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| EPJBUL                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| ERPVHL                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| EV8VZM                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| EXUKE9                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| FXTZ9K                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run park in Centerville. Meet me there at 11 AM. Ben   |
| G7Z2ZY                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| HBQEBL                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| J3RRLY                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben.  |
| JCFLXV                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| JWZK26                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a wal...  |
| KPGGU3                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| KXDJXF                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| L4YN7T                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| LBHWT6                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben (displayed HTML format) <p dir="ltr">Nicole,</p> <p dir="ltr">Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.</p> <font color=#888888> <p dir="ltr">Ben</p> </font> (source HTML format) (BLOB from messages table of mailstore.bencooper1381@gmail.com.db) |
| LDKV4X                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |
| LHU9JB                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben   |

TABLE 1

| Question 50 Communication |  |
|---------------------------|--|
| WebCode                   | Response   |
| LWWHP6                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| M6LPM2                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| M8QFRV                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| MDK6GF                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| MEC94V                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.  |
| MTQEC9                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a wal...   |
| N3FNZA                    | Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.  |
| NLQEER                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| P6YXN2                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| PDR9YW                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| PKPZ66                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.  |
| PL7B3C                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM Ben   |
| PPMK9N                    | The body of the last e-mail sent to nicolecooper23@aol.com reads: "Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben". |
| QDP28N                    | Nicole, Let's meet tomorrow and discuss our relationship=2E We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM Ben   |
| QW2T96                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 am. Ben  |
| QWX47T                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| R99V9T                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| RDLXVN                    | "Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben"  |
| RNKCFV                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me at 11 AM.  |
| RNZTBN                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| RVW9UB                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| RYLWF3                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| TGWQJ3                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |
| UGD3X2                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben  |

TABLE 1

| Question 50 Communication |   |
|---------------------------|---|
| WebCode                   | Response  |
| ULC8H7                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.     |
| VQY8AP                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| W7KA6J                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| WGP3WY                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| WV8Q9H                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| X3GET4                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| XEG8Q2                    | Nicole, Lets meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.      |
| YM7FNW                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| Z7ZDQP                    | Nicole, Let;s meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM.     |
| ZJ2ALW                    | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben |
| ZVDCAE                    | Nicole, lets meet tomorrow and discuss our relationship. We can go for a walk...  |

**Consensus Result:** Nicole, Let's meet tomorrow and discuss our relationship. We can go for a walk at Bull Run Park in Centerville. Meet me there at 11 AM. Ben

**Expected Response Explanation:**

Information regarding the body of the last sent email to nicolecooper23@aol.com can be found within the mailstore.bencooper1381@gmail.com.db database file under the messages table. The database file will provide a snippet of the body of an e-mail. This file can be located at: data/Root/data/com.google.android.gm/databases/mailstore.bencooper1381@gmail.com.db. However, forensic analysis tools should be able to recover the full body of the last e-mail.

**Screen Shot:**

Database: mailstore.bencooper1381@gmail.com.db >>> Table: messages

| _id | fromAddress                            | toAddresses                              | subject       | snippet  | dateSentMs    |
|-----|--|--|---------------|--|---------------|
| 23  | "Ben Cooper" <bencooper1381@gmail.com> | "Nicole Cooper" <nicolecooper23@aol.com> | Talk tomorrow | Nicole, Let's meet tomorrow and discuss our relationship. We can go for a wal... | 1488487973000 |

## TABLE 1

**Question 50 Communication**

Body of last e-mail sent to nicolecooper23@aol.com:

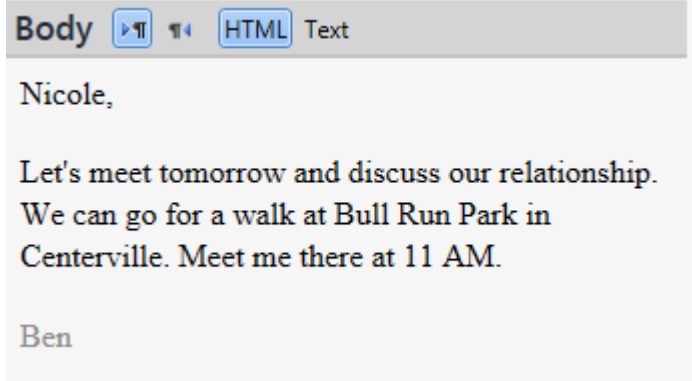


TABLE 1

**Question 51 Conclusion**

**Question 51: At the conclusion of your analysis, who does this device belong to?**

**Manufacturer's Expected Response:** Ben Cooper

| WebCode | Response   |
|---------|--|
| 3YME8V  | "Ben Cooper" who is husband of Nicole Cooper.  |
| 4D2G3Y  | Ben Cooper   |
| 64W7DD  | Ben Cooper   |
| 68TVUL  | bencouper  |
| 6NG98D  | Ben Cooper   |
| 7MPGZU  | Ben Cooper   |
| 8AEEVW  | Based on user accounts on this device, the device likely belongs to a person named "Ben Cooper". However, depending on the jurisdiction the device may be retained/seized by Police. |
| 8H3CEM  | Ben Cooper   |
| 97NRER  | It appears to belong to Ben Cooper.  |
| 98HMTM  | Ben Cooper   |
| 9RABMP  | Ben Copper   |
| 9TFVBP  | Ben Cooper   |
| 9V63VL  | Ben Cooper   |
| 9VLGYP  | Ben Cooper   |
| A6RHYP  | ben cooper   |
| AD36NA  | Ben Cooper   |
| AHXWV8  | Nicole Cooper  |
| AV2ZJL  | Ben Cooper   |
| B4Q8GH  | Ben Cooper   |
| BC8JUJ  | Ben Cooper   |
| BQ8KA7  | Ben Cooper   |
| BTXG6Q  | Ben Cooper   |
| C2XB4H  | Ben Cooper   |
| C48JW3  | Ben Cooper   |
| CMJ99E  | The user accounts retrieved from the raw image file—Google e-mail, Facebook, Waze and Plenty of Fish—suggest the device owner may be Ben Cooper.                                     |
| D7CNUM  | Ben Cooper   |
| D83RG3  | Ben Cooper   |
| DKW4WM  | Ben Cooper   |
| EBG8GN  | Ben Cooper   |
| EPJBUL  | Ben Cooper   |
| ERPVHL  | Ben Cooper, husband of Nicole Cooper   |
| EV8VZM  | Ben Cooper   |
| EXUKE9  | Ben Cooper   |
| FXTZ9K  | This device appeared to belong to Ben Cooper.  |
| G7Z2ZY  | Ben Cooper   |
| HBQEEL  | Ben Cooper   |



TABLE 1

| Question 51 Conclusion |   |
|------------------------|---|
| WebCode                | Response  |
| J3RRLY                 | Ben Cooper  |
| JCFLXV                 | Ben Cooper  |
| JWZK26                 | Ben Cooper  |
| KPGGU3                 | Ben Cooper  |
| KXDJXF                 | Ben Cooper  |
| L4YN7T                 | Ben Cooper  |
| LBHWT6                 | Ben Cooper (see comments)   |
| LDKV4X                 | Ben Cooper  |
| LHU9JB                 | Ben Cooper  |
| LWWHP6                 | Ben Cooper, the missing woman's husband                                     |
| M6LPM2                 | Ben Cooper  |
| M8QFRV                 | Ben Cooper  |
| MDK6GF                 | Ben Cooper  |
| MEC94V                 | It's Ben Cooper's.  |
| MTQEC9                 | Ben Cooper  |
| N3FNZA                 | Ben Cooper  |
| NLQEER                 | Ben Cooper  |
| P6YXN2                 | This device belongs to Ben Cooper   |
| PDR9YW                 | The device has user accounts with the name Ben Cooper.                      |
| PKPZ66                 | Ben Cooper  |
| PL7B3C                 | Ben Cooper  |
| PPMK9N                 | The evidence indicates that the likely owner of the device is "Ben Cooper". |
| QDP28N                 | Ben Cooper  |
| QW2T96                 | Ben Cooper  |
| QWX47T                 | Ben Cooper  |
| R99V9T                 | Ben Cooper  |
| RDLXVN                 | Ben Cooper  |
| RNKCFV                 | Ben Cooper  |
| RNZTBN                 | Ben Cooper  |
| RVW9UB                 | Ben Cooper  |
| RYLWF3                 | Ben Cooper  |
| TGWQJ3                 | Ben Cooper  |
| UGD3X2                 | Ben Cooper  |
| ULC8H7                 | Ben Cooper  |
| VQY8AP                 | Ben Cooper  |
| W7KA6J                 | Ben Cooper  |
| WGP3WY                 | Ben Cooper  |
| WV8Q9H                 | Ben Cooper  |
| X3GET4                 | Analysis suggests the device belongs to a 'Ben Cooper'.                     |
| XEG8Q2                 | Ben Cooper  |

TABLE 1

| Question 51 Conclusion |            |
|------------------------|------------|
| WebCode                | Response   |
| YM7FNW                 | Ben Cooper |
| Z7ZDQP                 | Ben Cooper |
| ZJ2ALW                 | Ben Cooper |
| ZVDCAE                 | Ben Cooper |

**Consensus Result:** Ben Cooper

**Expected Response Explanation:**

All of the user accounts on this device (Waze, Plenty of Fish, Gmail and Facebook) are registered to a username specified to Ben Cooper. The username Bcooper1381 was specified to the Plenty of Fish and Waze applications. The e-mail address bencooper1381@gmail.com was used as Ben's primary e-mail address and was used to register a Facebook account. Information regarding these account details can be located within the following files:

Waze:

data/Root/data/com.waze/user

Plenty of Fish:

data/Root/data/com.pof.android/shared\_prefs/null.xml

Gmail:

data/Root/data/com.google.android.apps.docs.editors.docs/databases/DocList.db

Facebook:

data/Root/data/com.facebook.katana/app\_light\_prefs/com.facebook.katana/logged\_in\_100015503974321

**Screen Shot:**

Waze Account Information:

```
Realtime.Name: Bcooper1381
Realtime.FirstName: Ben
Realtime.LastName: Cooper
```

Plenty of Fish Account Information:

```
"firstname": "Ben"
```

```
"userName": "bcooper1381"
```

Gmail Account Information:

| owner  | lastModifierAccountAlias | lastModifierAccountName |
|--|--------------------------|-------------------------|
| <a href="mailto:bencooper1381@gmail.com">bencooper1381@gmail.com</a> | Ben Cooper               | Ben Cooper              |

Facebook Account Information:

```
| ^name Ben Cooper|
^uid #100015503974321-
-emails {bencooper1381@gmail.com|
```

TABLE 1

| Question 52 Conclusion |  |
|------------------------|--|
|------------------------|--|

Question 52: Does this device have relevance to the investigation? (Yes/No)

Manufacturer's Expected Response: Yes

| WebCode | Response  |
|---------|---|
| 3YME8V  | YES   |
| 4D2G3Y  | Yes   |
| 64W7DD  | Yes   |
| 68TVUL  | Yes   |
| 6NG98D  | Yes   |
| 7MPGZU  | Yes   |
| 8AEEVW  | Yes   |
| 8H3CEM  | Yes   |
| 97NRER  | Yes   |
| 98HMTM  | Yes   |
| 9RABMP  | Yes   |
| 9TFVBP  | yes   |
| 9V63VL  | Yes   |
| 9VLGYP  | Yes   |
| A6RHYP  | Yes   |
| AD36NA  | Yes   |
| AHXWV8  | Yes   |
| AV2ZJL  | Yes   |
| B4Q8GH  | YES   |
| BC8JUJ  | Yes   |
| BQ8KA7  | yes, a plan for murder  |
| BTXG6Q  | Yes   |
| C2XB4H  | Yes   |
| C48JW3  | Yes   |
| CMJ99E  | Yes. E-mails, web searches and SMS text messages found on the raw image file suggest this device may have relevance to the investigation. The image file contains e-mail correspondences between "bencooper1381@gmail.com" and "nicolecooper23@aol.com." In one of the e-mails, a hike is apparently scheduled with the victim on the day her body was found at Bull Run Regional Park. Google web searches for stress management tips, "Kill my wife: 101 Ways to Get Rid of Your Wife without killing her" and "10 Ways to Dispose Of A Dead Body (If You Really Needed To)" were retrieved from the raw image file. SMS text messages between the device and a contact listed as "Laurel Murray" with the phone number at "202-749-9211" suggest this contact may possess information relevant to the investigation. |
| D7CNUM  | Yes   |
| D83RG3  | Yes   |
| DKW4WM  | Yes   |
| EBG8GN  | Yes   |
| EPJBUL  | Yes   |
| ERPVHL  | Yes   |
| EV8VZM  | Yes!  |

TABLE 1

| Question 52 Conclusion |  |
|------------------------|--|
| WebCode                | Response   |
| EXUKE9                 | Yes  |
| FXTZ9K                 | Yes  |
| G7Z2ZY                 | yes  |
| HBQEBL                 | Yes  |
| J3RRLY                 | Yes  |
| JCFLXV                 | Yes  |
| JWZK26                 | Yes  |
| KPGGU3                 | yes, phone belongs to victim's husband               |
| KXDJXF                 | Yes  |
| L4YN7T                 | yes  |
| LBHWT6                 | Yes (see comments)                                   |
| LDKV4X                 | Yes  |
| LHU9JB                 | Yes  |
| LWWHP6                 | Yes  |
| M6LPM2                 | Yes  |
| M8QFRV                 | Yes  |
| MDK6GF                 | Yes  |
| MEC94V                 | Yes.   |
| MTQEC9                 | Yes  |
| N3FNZA                 | Yes  |
| NLQEER                 | Yes  |
| P6YXN2                 | Yes  |
| PDR9YW                 | Yes  |
| PKPZ66                 | Yes  |
| PL7B3C                 | Yes  |
| PPMK9N                 | Yes, this device has relevance to the investigation. |
| QDP28N                 | Yes  |
| QW2T96                 | Yes  |
| QWX47T                 | Yes  |
| R99V9T                 | Yes  |
| RDLXVN                 | Yes  |
| RNKCFV                 | Yes  |
| RNZTBN                 | Yes  |
| RVW9UB                 | Yes  |
| RYLWF3                 | Yes  |
| TGWQJ3                 | Yes  |
| UGD3X2                 | Yes  |
| ULC8H7                 | Yes  |
| VQY8AP                 | Yes  |
| W7KA6J                 | Yes  |

TABLE 1

| Question 52 Conclusion |          |
|------------------------|----------|
| WebCode                | Response |
| WGP3WY                 | Yes      |
| WV8Q9H                 | Yes      |
| X3GET4                 | Yes      |
| XEG8Q2                 | Yes      |
| YM7FNW                 | Yes      |
| Z7ZDQP                 | Yes      |
| ZJ2ALW                 | Yes      |
| ZVDCAE                 | Yes      |

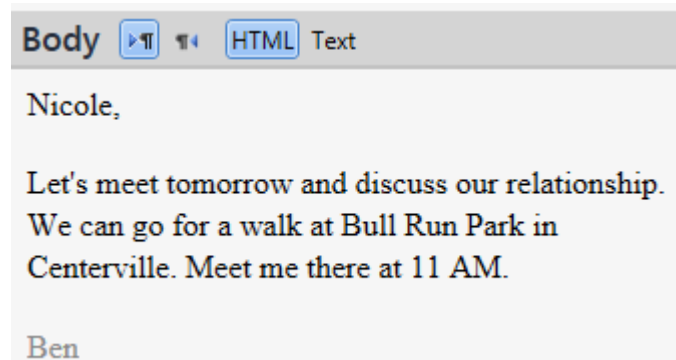
**Consensus Result:** Yes

**Expected Response Explanation:**

This device has relevance to the investigation. On March 2, 2013, an e-mail was sent to nicolecooper23@aol.com requesting to meet Ben at Bull Run Park to discuss their relationship. On the following day, text messages were exchanged between Ben and Laurel that Nicole arrived at the park and a plan was going into action. Laurel begged Ben not to go through with the plan, but Ben refused.

**Screen Shot:**

Final E-mail to Nicole:



**Text Messages Between Ben and Laurel on Day Of Plan Execution:**

|                    |               |  |                      |
|--------------------|---------------|--|----------------------|
| To: 12027499211    | Laurel Murray | The plan is about to go into action. She just arrived. | 3/3/2017 10:54:41 AM |
| From: +12027499211 | Laurel Murray | For the love of god Ben please don't do this!          | 3/3/2017 10:57:43 AM |
| To: 12027499211    | Laurel Murray | You have no idea what this woman put me through!       | 3/3/2017 11:00:34 AM |
| From: +12027499211 | Laurel Murray | But Ben, you're going to end up in jail!               | 3/3/2017 11:07:05 AM |
| To: 12027499211    | Laurel Murray | No I'm not! I know what I'm doing!                     | 3/3/2017 11:09:07 AM |

# Additional Comments

TABLE 2

| WebCode | Additional Comments  |
|---------|--|
| 3YME8V  | According to XRY analysis, can not find out the phone number of an evidence even in any database.  |
| 64W7DD  | Well designed forensic testing for mobile device forensic analysis. All questions were clear and the expectation were fully understood. No vague or trick questions. You knew when you found the correct supporting data for the answer. Each successful answer to a question built on more confidence throughout the examination. Well done. Thanks !   |
| BQ8KA7  | It was a realistic examination. It made you research the databases and search for the answer.  |
| EBG8GN  | <p>Attribution of LG MS428 K10 : This device has a number of Unique Identifiers which identify the owner as being Ben Cooper as well as further areas for evidential capture and open source enquiries: Facebook : ID 100015503974321 / bencooper1381@gmail.com (Production order to Facebook for account information ) Plenty of Fish: address supplied to account is :Sterling, 20166, Virginia, 1 (production order to PoF for account information ) Google Client ID : 1487857894903 (production order to Google for account information) Google Drive: associated email account : bencooper1381@gmail.com (IP at registration and IP Log ons from ISP) Waze: Username bcooper1381: (Production order for account information) SIM card details: CDR's/ Cell Site / GPRS data and Account information (MetroPCS Production order) Cloud Analyser: ascertain legality as tokens within the handset to access accounts such as Facebook/Plenty of Fish and Messenger Evidence on Handset: Email: c Cell Towers: predominant mast is located at Potomac Run Plaza, Sterling, Virginia, VA20164 . Two other masts identified as by Chesterbrook Academy Preschool, 46386 Logan Way, Sterling, VA 20165 and a 'rogue' location in Atlantic Ocean SMS :Interaction from the user with a number(+12027499211) associated with the name Laurel Murray. Discussion about her purchasing tools and her concern about his activity with another un-named female (but later mentions is ex-wife whom he is divorced from). SMS dated 03/03/2017 10:54(UTC -05:00) to Murray about putting a plan into action and then one from Murray warning the user he may end up in jail 03/03/2017 11:07(UTC -05:00). Other messages of significance: 28/02/2017 10:25(UTC 05:00) arrangements between same two numbers to meet at Balls Bluff Regional Park, Leesburg (but cancelled) 28/02/2017 11:38 (UTC -05:00) arrangements to meet at Burger 21, Sterling. Opportunity for CCTV. 01/03/2017 10:51 (UTC -05:00) arrangements to meet Murray at Balls Bluff Regional Park, Leesburg at 14:00 hours. MMS: 02/03/2017 14:40 (UTC -05:00) message and image of a receipt for purchase of claw hammer/duct tape/drawstring, purchased by 2nd March 2017 at 01:58 PM and sent by Laurel Murray and corroborates SM interaction between user and Murray. Also photograph of the items a minute earlier. Emails: Communication with the name Nicole Cooper Arrangements to meet 'Nicole' at Bull Run Park, Centreville at 11am (message dated 02 March 2017 15:52(UTC -05:00) sent to nicolecooper23@aol.com Number of emails in an exchange thread between user account and nicolecooper23@aol.com Emails about therapy, debts and clear marital/domestic issues. Social Media: Facebook registration 23rd February 2017 Search history at POF and account token in Passwords on device. Significant number of PoF profile photographs ( NOT SURE ABOUT LEGALITY OF THIS ON A PT) Internet Web browsing history: Browsing history includes ways of disposing of a body / 101 ways to Get Rid of your Wife, research into anxiety and depression drugs/ divorce lawyers all within a week of the discovery of Nicole Cooper's body Other significant activity on the suspect device in the week prior to the discovery of Nicole Cooper: WiFi: Burger 21 21305 Windmill Parc Dr #160, Sterling, VA 20166. Opportunity for CCTV. Device connects to its Wifi (CCTV?)(Cell Site Location potentially covers this location 28th February 2017 28th February 2017 11:00 - 14:30 hours) Bull &amp; Bones</p> |

TABLE 2

| WebCode | Additional Comments   |
|---------|---|
|         | Brewhaus,Blacksburg,Viginia device connects to WiFi ( CCTV?) Bluetooth: connected with a Hyundai Santa Fe Sport Locations: travels to Bull Park using Waze route finder 01/03/2017 13:43 (UTC -05:00)(see SMS above)(Has a Calendar event same day/location for a 'Hike') Also travels to same location using Waze on the day Nicole Cooper's body is found and identified although time of discovering her body is not known to me). Voicemail: 4 messages. Serve urgent Production Order to Metro PCS for preservation of the data Calendar events: Dr Smith 28th February (corroborates email from nicolecooper23@aol.com about an appointment) Nicole's Birthday 1st March Hike at Balls Bluff Regional Park - Leesburg (Cross reference location history) Powering Events: the device is not used frequently. Would recommend Tracing and Locating Ben COOPER for Arrest and Interview   |
| ERPVHL  | This was quite different from what we do here at our lab. We generally have the investigators do the actually investigating.  |
| LBHWT6  | Questions 3 through 50 may have clarifying comments or source locations to answers provided in parenthesis. Note: question 19 has parenthesis as part of its answer, which is not to be confused with the source location information. For question 50, the device belongs to Ben Cooper, the husband of Nicole Cooper. There are multiple sources indicating Ben Cooper as the owner of the device. Emails and SMS messages received on the device refer either to Ben or Ben Cooper. Additionally, the Entry196 tables of the DocList.db for Google Applications refer to an account name of Ben Cooper. For question 51, the device does have relevance to the investigation because Ben Cooper made threats to Nicole Cooper via email, including the statement "I will beat you until your dead." The device also contains internet history with websites titled "10 Ways To Dispose Of A Dead Body (If You Really Needed To)" and "Kill my wife: 101 Ways to Get Rid of Your Wife without killing her." Recent Waze location history of the Bull Run Regional Park places the device in the vicinity of the body on the same day that the body was found. Ben Cooper had phone, voicemail, SMS, and MMS communication with Laurel Murray regarding Nicole Cooper and wanting to kill her. |
| MEC94V  | Contents of folder "/userdata/data/com.android.providers.settings/databases", including "settings.db", are missing.   |
| PL7B3C  | Too many questions involving translating epoch timestamps. One translation of each type should be sufficient to prove that ability. Space freed up can be used to ask questions that may be significant to the investigation. Overall, good test  |
| QWX47T  | I thought this was a well planned test.   |
| Z7ZDQP  | The data was recovered in a mixture of UTC and Local time (UTC -5). Depending upon how the data was recovered conversions have been made to the appropriate requested time code. I have had to on occasion add the additional 5hrs to generate a correct date/ time to convert to UTC. Hopefully there are no errors in respect of this.  |