PaperCrypt Recovery Sheet

What is this?

This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

Binary Data Representation

Data is written as base 16 (hexadecimal) digits, each representing a half-byte. Two half-bytes are grouped together as a byte, which are then grouped together in lines of 22 bytes, where bytes are separated by a space. Each line begins with its line number and a colon, denoting its position and the beginning of the data. Each line is then followed by its CRC-24 checksum. The last line holds the checksum of the entire block. For the checksum algorithm, the polynomial mask 0x864cfb and initial value 0xb704ce are used.

Recovering the data

Firstly, copy (i.e. type it in, or use OCR) the encrypted data into a computer. Then decrypt it, either using the PaperCrypt CLI, or manually construct the data into a binary file, and decrypt it using OpenPGP-compatible software.

```
# PaperCrypt Version: v1.0.0-beta0-23-gdced528-dirty
# Content Serial: BDWIGY
# Purpose: Example Sheet
# Comment: PDF without QR Code Example
# Date: Thu, 17 Aug 2023 17:08:40.487409800 CEST
# Serialization Type: papercrypt/base16+crc
# Content Length: 452
# Content CRC-24: d2f36d
# Content CRC-32: bf5cc5f6
# Content SHA-256: GphtWDLdUqE4eHzakhFjdjeh/rfXbXnBepHDgoHgiRY=
# Header CRC-32: d390e2bb

 1: C3 2E 04 09 03 08 CF 25 65 BF CB 22 F7 8E E0 75 3A 4C 03 08 BA 8A 0DD3AA
 2: C2 00 E0 29 54 4C D7 A1 DA 5A 9E C3 52 4E FB 28 9B B3 F2 98 23 11 B6F3BB
 3: C0 E9 47 29 D2 C0 D1 01 3B 4B D5 66 99 0F CE E3 A4 13 52 B1 40 8C FB462E
 4: A2 47 7A 19 66 B9 4D D8 B2 6F 70 48 02 8D E3 5C 4E E5 AB DF AD 02 46E807
 5: 28 AC 8B E3 14 5A E3 CC DB 86 BF 25 FD AD 80 8C AD F5 63 EF 0C 74 E1BFEB
 6: F2 A2 38 AF B2 40 F0 A7 D0 44 63 A4 18 D8 66 DF 4F 9F 3C 37 51 C9 3D7DF6
 7: 7B 13 EF 5B 35 78 E0 DA 9E 37 55 5A B3 9D 38 DB 1D 8A 2E 8E D0 EF BE6DD1
 8: 1D 44 DA 3F C3 20 92 52 67 F0 5B 01 39 EB 53 11 3B AE 80 64 CD ED 4C45BB
 9: FE 72 CC 97 D4 80 0A 0B BC 98 F2 49 3A A8 6E 20 67 AB 2B E8 B9 96 35153B
10: 52 27 CD E9 0E 1B 3B AF 8B 4F EB CA 0A 46 80 39 71 41 F9 03 0D 70 3079A2
11: 66 72 0E F7 33 FE CC 6E 53 9F 49 AF BB 74 DB 57 2C 55 4A 3F 14 24 4DFAED
12: C5 2D 71 EF 4F 4D 23 36 49 D0 3D CB 89 13 04 AD 1C 46 D0 64 C7 D5 68AFAA
13: 29 DF B8 0A F7 1D 09 21 E1 9B E1 D7 56 A7 86 48 67 BB 36 DD 53 11 A2E40A
14: 15 80 27 42 E9 1D AE 97 71 A1 FF A3 F0 E8 61 BB F1 F3 DF 8B D6 07 43A524
15: DF 96 27 24 4C E4 FA 0A 20 13 1A 0F 71 89 5A 1E E1 51 92 94 3B 41 CBB757
16: 47 2F 96 50 28 74 4A 3F 4E F7 60 CC A3 DD 9F 06 29 CA F0 03 3F 48 2CC8F6
17: 20 7C 4C AC C4 68 A7 84 38 FE BC 01 F2 66 8D E9 04 93 75 FB CE 2B ADB479
18: 6B CC 45 F5 84 F8 98 86 E2 E7 18 6E E8 8A 75 D3 D3 F1 BE 78 ED 11 B41BCB
19: FA 05 BF 4C 17 3D 8B D5 41 92 9E 13 FE D5 99 7D 26 12 BB 6B F4 88 9AAB37
20: 2C 31 8B F7 A2 7D 91 8C AD 50 62 B4 BB E4 38 85 86 BB 5A 70 EA 3E BAF0D6
21: 68 C4 CB 04 DC 2E 14 90 07 BE 39 80 384591
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22: D2F36D