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: devel
Content Serial: INE5UD
Purpose: Example Sheet
Comment: PDF without QR Code Example
Date: Tue, 02 Apr 2024 15:44:48.554079100 CEST
Content Length: 362
Content CRC-24: 06ba74
Content CRC-32: 97c7ca4e
Content SHA-256: InSNzaJmb1JoVKbkW5RmLBkcw+87Wla2vEGJRhcOmRc=
Header CRC-32: 085e4c4f

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 1: C3 2E 04 09 03 08 30 83 6D 45 6A E3 25 1A E0 FE 38 A6 E0 C2 9F F1 4F4204
 2: FC C8 24 79 56 D1 AE F9 31 82 20 CB C2 3F 67 5D 7A BA 3A 3F 7E 46 944AAC
 3: 31 A8 EF CD D2 C0 77 01 7C 45 E2 08 2A 71 BD 7C F7 B4 BA B0 08 EB 5106B3
 4: 0B 56 95 E8 37 2D 98 D3 F1 79 DB B1 EA 3D BE 2A 4E CF 50 AF 6E 52 5BE128
 5: 16 CF C7 63 28 AF 68 7B 78 A4 D2 23 74 6F F1 B6 7C 84 EF 11 C9 5D 6D279D
 6: 42 DE DD C6 8E EB 46 D2 10 E0 74 9E 3B FB 49 2F DE 05 2E AC 0B 07 E8B1DD
 7: C7 35 0F B9 53 9B 25 14 47 8A 3E 6A BE A3 EB 85 BF DD 16 3E 7E 7E 51FDFA
 8: 34 AC 12 73 DC 80 EC 68 CC 08 EA 97 66 49 EF A0 55 D9 7E A0 CF 39 F3945D
 9: AC CD 35 D3 38 D3 F7 F9 E3 71 C6 FF 86 CD BA FC C4 F4 4B F8 F3 6C 09F461
10: 57 56 4D D5 2E C3 7B 3D 42 B9 97 86 B6 DA 0C 5B 41 6C E7 FA 7B 38 3B453C
11: 44 80 6E 9C 93 BC 91 44 9C B8 D1 31 FF A4 D9 68 D1 CF 10 8F D3 94 FD9DDD
12: 7A E8 13 FA DE E0 DA 11 94 AA D3 67 AF A2 0B 79 1E 15 43 6D 40 47 DF6F43
13: CB B2 A7 92 E2 7F 10 77 E2 CE 0B 51 7C ED FA C7 92 40 0D B8 5B D5 7628CA
14: 10 89 D8 06 4A 66 E6 4D 2C 72 4A 19 BE 50 28 67 46 12 70 1E AA 09 605B61
15: BB EC 50 C0 AB A5 E8 1A CC 6A 8C 5D 88 C1 8E F0 37 8E EF 1C AC 84 9BE8A3
16: 02 1F 71 27 96 B2 0A E2 C4 24 E1 B4 ED D4 15 75 95 48 F9 EB 89 D9 FB35A3
17: B8 50 AB 9D 85 1F E3 1E 11 42 2DF946
18: 06BA74
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