PaperKey Backup of GPG Key 0x505046B10F254146

This is a backup of the primary key 0x505046B10F254146, useful for encryption, signing and authorization. These are made using the paperkey utility, both in human-readable text, as well as a QR code. Any subkeys of this primary key are too large to be included with it, so they are exported separately, one subkey per page.

These formats do not contain the public key information, which will have to be obtained from a public key server when recombining using paperkey.

Fingerprint

This key can be looked up using the 40-digit fingerprint of 0xE15DA5E3414D83D6CDDAA578505046B10F254146, or with this QR code:

QR Codes

Below is the QR code backup. It contains the same hex as a human-readable paperkey, but without hex or formatting. They can be read back in using:

```
$ cat read-from-qr.txt | xxd -r -p |
paperkey --pubring ~/.gnupg/pubring.gpg -o recover.gpg
```

Paperkey

```
# Secret portions of key E15DA5E3414D83D6CDDAA578505046B10F254146
# Base16 data extracted Wed Feb  7 00:42:47 2018
# Created with paperkey 1.3 by David Shaw
#
# File format:
# a) 1 octet:  Version of the paperkey format (currently 0).
# b) 1 octet:  OpenPGP key or subkey version (currently 4)
# c) n octets: Key fingerprint (20 octets for a version 4 key or subkey)
# d) 2 octets: 16-bit big endian length of the following secret data
# e) n octets: Secret data: a partial OpenPGP secret key or subkey packet as
#              specified in RFC 4880, starting with the string-to-key usage
#              octet and continuing until the end of the packet.
# Repeat fields b through e as needed to cover all subkeys.
#
# To recover a secret key without using the paperkey program, use the
# key fingerprint to match an existing public key packet with the
# corresponding secret data from the paper key.  Next, append this secret
# data to the public key packet.  Finally, switch the public key packet tag
# from 6 to 5 (14 to 7 for subkeys).  This will recreate the original secret
# key or secret subkey packet.  Repeat as needed for all public key or subkey
# packets in the public key.  All other packets (user IDs, signatures, etc.)
# may simply be copied from the public key.
#
# Each base16 line ends with a CRC-24 of that line.
# The entire block of data ends with a CRC-24 of the entire block of data.

  1: 00 04 E1 5D A5 E3 41 4D 83 D6 CD DA A5 78 50 50 46 B1 0F 25 41 46 836513
  2: 05 39 FE 07 03 02 36 1A B8 2C 2C EB C0 98 EE 96 57 3D 27 F2 AE ED 0E50F6
  3: 3F 8E 19 14 85 A1 51 A8 CE 51 21 B2 88 4D AA 1A 2F C1 A5 AA 60 47 BEA2EC
  4: 17 96 6B BF 7A 9B C1 16 3B 55 9C 31 89 AD 0B 7D FE 72 0E 1B 91 20 4B565D
  5: 39 09 ED 87 9F 65 87 D7 7F F4 31 5C 0A 42 BC 5A AA 83 80 1C 5D DA 4754AF
  6: A8 2B C8 CD 77 2C F4 B5 1D F9 1B 35 47 81 B6 32 07 38 22 76 88 D6 899083
  7: 57 30 62 08 94 3C 59 3A 81 C3 85 71 40 9D EB B5 DD 4A ED 4C 93 02 6A4DCE
  8: E9 32 F2 EE 2D 3D F3 40 A4 03 EB B0 23 DD BC D2 33 3A 72 E5 34 DD 4259AE
  9: E8 BD 62 D8 B5 F2 BA D7 D3 9A AF BB 6A DA 85 79 9F B1 90 D8 C3 1A A9EA44
 10: C4 7A 3C F2 82 D0 45 24 B4 F8 13 64 38 9C 43 D6 EA 45 40 96 F2 7F F22E46
 11: DA 0D C5 2E F5 C8 CE B1 24 21 08 95 48 DC 5D 41 B6 D5 78 1A E0 75 51B410
 12: AB E3 0C E1 CA B9 A0 B2 B2 8C A6 7A 90 90 59 C5 98 2A A1 FF 11 C1 2FEF43
 13: 7C F8 28 BF EA 9A 55 0D 60 06 BB 22 28 62 47 59 B0 31 EA 81 07 AD 815239
 14: 9E 98 43 F5 08 BA 58 1C 52 FB 47 4B 84 1C 00 D9 20 1E AE CA FF 4D 4B3236
 15: B9 31 79 DF 63 F0 8A A0 B4 8F 5A F8 17 05 EC 40 7C 3E 85 03 91 10 E0A631
 16: 0B A2 20 E7 55 27 0F 50 00 AD 7A 91 01 67 E3 ED D7 1B A7 A5 60 67 87DAAF
 17: 6C E2 38 19 7C 4B D3 9B C3 81 EA C1 91 F0 0D F3 8C 02 D2 7B 64 52 C79D23
 18: C8 15 85 1B F6 02 21 AA A9 81 2F 51 4C 8A C7 63 F5 FD 9C 94 2A F0 07ED2C
 19: C6 BE 28 6B 20 E4 0E 0D 7C FF A7 36 B6 3E 11 B0 F6 DA 6F 6F 7D 2A 18DCA9
 20: CE 67 D3 F0 3D 0B 16 6C 3D AF 7F A4 6F F5 27 E9 D6 96 E2 ED C9 A2 A09D46
 21: 32 42 7F DD 1D 6D 2E 8E 52 44 3A 15 D5 A4 87 52 D1 8C 58 E8 82 83 4E9156
 22: D0 33 1A 28 99 30 43 21 B7 B2 FC A9 F6 4E 52 21 88 B2 A0 75 0D D2 551711
 23: 7A A6 AC 5F 52 BC 65 1B EC 29 B3 DE 9D D9 F9 EE DD 35 AB 5B 7B 23 2D2E86
 24: 77 5C 36 19 5E 0E 81 ED 97 4A 9E A3 B7 1E 1C C2 E6 4F 1E 40 3E C8 0A9E53
 25: 2A F6 EF 5B D8 8B 7D C9 14 95 0C AF 97 09 4B 11 DC 00 D7 DB 42 78 ACE7A4
 26: 93 2F D2 98 B2 32 13 49 B0 F2 7D D7 AA 68 80 62 48 2F ED 06 F5 D2 02BC98
 27: 44 D8 87 46 40 88 06 1E B9 75 E9 9C 5A DD 7F AE C2 6F C7 14 4B 09 C5B1A1
 28: AE 05 A6 B1 99 CF A6 A1 7B 70 26 99 B7 E5 F8 FA 2C C6 07 FB 1D 50 E375B5
 29: ED B0 42 6E DD 92 CB 86 F8 C1 31 E5 E3 61 81 C5 0A 75 76 C5 35 0C 4554BC
 30: 2C 0C 36 E0 46 9E 5D 16 9B 79 C5 D6 36 D3 0B EA 3C 63 4F 06 18 91 59E54A
 31: 46 89 8F C4 30 17 83 A7 5A BA FA 1A 38 DB A0 1E 76 C6 C5 6D 42 D6 9014ED
 32: BB 1C 87 0C 88 DB EB 57 D3 7C C2 CF A7 29 19 F0 E4 1E CF D0 AC 46 4C5934
 33: B9 0D D5 1A 35 88 D4 02 FB D3 EF C6 01 1E F1 5F 1E 7C CD 2A FF B8 6E9A17
 34: A6 17 85 22 A4 D2 D2 2F E1 06 25 F7 EC B2 89 A9 D5 5A 85 CC 6E BE 1C62E4
 35: 14 4A B8 55 24 A4 CF 79 49 EF BE 3C 92 E3 23 49 E0 1B 0F 1C CD C4 B6842B
 36: 06 8F A1 0B A0 E5 E5 B1 48 67 24 D0 D3 ED 98 F8 FB 6B D2 2D BB A2 7F4545
 37: 5E 74 8A ED 53 01 8E AC 18 CB 44 ED 14 34 F7 53 30 9D DA FC C9 22 B46009
 38: 43 E9 04 20 B4 50 FC 33 8C 44 81 3B FB 20 5B 03 45 1D 35 4C 37 11 C621C0
 39: 50 70 85 AB 35 5E 93 9B 17 C4 C1 8D D2 0C 9C 56 EF C6 B3 04 CA 18 D68123
 40: FA 7A 9E C9 51 36 69 F5 10 C6 4A E9 32 CC 5D 52 64 E2 F3 D7 20 80 0F4FD9
 41: 7B 7A 4D 46 B2 CA CD DD 68 A4 78 77 8C 9B 62 E1 69 DB 14 3D 71 42 2A8F51
 42: A5 CE A8 C9 BD 8A 4F 27 DB 7D 6D 9C D7 9D C4 ED 3A AB EC 0E B0 F9 28D9F5
 43: DF 73 4C BB AA F1 27 88 14 BA 17 C8 A0 57 B0 56 61 8B 32 62 62 72 2B3B19
 44: 0F 9F D9 38 0D 19 FC 91 35 7A AF AE B4 27 DD D2 AE 11 BB CB FD C7 5AB924
 45: 36 48 AB 56 FF DE 7B E0 AE 82 39 AF 9A 16 1E A4 4F 79 FE FC 4F CD D9A166
 46: F4 EB 3D 04 F7 92 44 9A 95 67 DA F3 0F 85 7E B1 A9 BF 7A C2 54 A2 562A5F
 47: 98 2F F9 16 A3 7F 97 1D 4E AC B4 0F 3C 35 D4 85 33 7E 89 5F 7F 77 F9A23B
 48: 73 B2 CE 8C DE 1D 31 94 FD 42 7E F0 1F 0A 9F 16 76 F5 41 94 3C 34 FE6FC9
 49: 6B 7C E3 44 47 DD 95 BF 58 A6 06 88 A8 0F 22 54 D6 18 C1 1C 6C 9C A09DB9
 50: 76 B4 0F A3 E9 72 12 E2 70 DC AD 77 AB D8 79 93 BA A7 97 CA 04 33 AA05A4
 51: 8F 59 A7 91 80 D4 82 99 66 F2 EF 43 1D ED 9E 98 1A 6F B3 4B 39 39 542907
 52: 07 EA 78 06 14 F9 22 EE 2E 42 89 D2 B6 E7 24 DB A7 A3 6F D6 34 D8 E3241E
 53: B0 AE 40 15 51 97 FD CF 43 30 EF 3F AD 00 A4 BF 8B 39 28 F7 8D E0 B03FCE
 54: 4D 0C 43 F6 F4 1F 8F CA 2F 79 82 65 38 EA A6 06 3D 30 1A EC 3B DC 99D981
 55: 85 26 27 E7 59 17 25 CF 9B B4 85 F5 B3 D3 A7 94 2C 18 7A 63 DE 32 4B4AE6
 56: CD 3F 95 94 66 D2 D1 38 9A 30 9E 18 44 60 62 7E CE 74 AD 2E 6A C2 E28FA2
 57: 6F 3A E1 B7 E2 FC B2 E4 64 7C CE A2 56 34 A2 7D 12 60 32 F5 68 47 09A660
 58: E1 11 FC 7E 9A 38 24 0D C3 C2 78 6F AC 1D AB 67 B3 84 6A AF 09 F3 ECBC8E
 59: 0E E2 EC 9E D7 C7 9F 60 20 B8 51 1E 92 33 6D 0C 41 93 19 9B AA F0 32434B
 60: C2 6E A1 D1 58 16 F4 D8 42 84 C6 0E 26 23 EB 34 D6 9E B3 62 E2 B0 4A5F12
 61: 98 DA A1 44 C5 60 61 AA 55 2C 8F 7A 85 7D 4F DF 47 7A EB 04 5D D9 455D9F
 62: 33 78 DC F0 C4 55 5A 4B 01 B5 0C 93 42 BA CB 61 18 4D 69 FC552C
 63: 6367CE
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