产生二维码：

00 00 02 43//包长度579

00 00 00 0A//包类型10

02//包加密方式2

00 00 00 04//4

00

00 00 00 05//QQ ascii 长度5

30//QQ:0

加密部分

6e 94 31 bc 9d 45 4f 80 03 68 15 8f 7a 2c d0 32 03 40 7d 0d 69 e0 d9 c1 f7 d4 b7 ed 73 4b a5 3d 70 eb 09 4c 82 3a f5 c9 bc 57 94 ed 1c 2a 87 c3 fa 53 d9 e6 ed 9c 24 a9 bd 6d 40 98 c5 f9 36 36 84 39 17 e0 7a 51 6a f1 20 f4 89 f5 8d 02 58 d9 9e 0b 64 aa f5 77 ff 10 ae 1d 2b 75 f1 6a 75 1e 96 f6 31 78 a3 f9 26 bf 2f 10 ed 33 f9 54 61 ea 9c 46 17 fa 9a ad 4c 51 8f 63 50 7a f0 6c 9d c3 34 31 cc 1e 0e 9a 7e 04 21 43 23 b1 5f 2b 1e ef 75 63 2d d3 c4 62 33 c9 78 61 e7 db e9 78 0d 10 fc ba 36 a2 d7 0f 8d 60 6f 2b 09 83 26 68 66 ca 05 3f 91 71 63 65 26 78 7f da a5 f9 70 83 e0 10 fb db 92 30 ef fe f6 7c ba b6 a0 2b 6c 92 a7 ea 77 8c b0 b0 4c 25 9c 63 f2 d1 8b a3 c0 e5 0b cc 96 ce b5 78 93 be 2f 0a 71 3c 47 df 6f c6 ec 26 b0 7b 74 e5 66 08 ec 43 14 45 12 9f f0 7d bb b4 f0 e9 67 03 a5 48 9f 27 2c c7 dc 8e e6 b0 2e 71 16 4b 4c d7 c0 96 9d bc 9c 39 e2 c9 79 f8 70 e5 d1 96 84 f5 a1 a9 97 1a 18 3c da a9 8f 05 e1 52 51 c2 30 8a ff ef 15 e2 55 41 20 97 2b 3e 45 d8 fe c4 4e c1 3f 24 2d 80 3b f8 6d 11 ed 56 a9 37 6a d9 80 f2 17 8b 46 14 1e a8 52 e5 82 d9 fb cd a5 c5 d5 43 7f eb 00 2f 9d bb a4 dd 06 f4 26 20 9e 31 3e 00 90 e3 96 3e b8 bb 1e 47 80 05 22 92 8f 6d b0 08 03 4d 81 6d 76 14 e7 26 ed 93 e7 6b 26 2a 88 76 b3 23 f3 03 33 4b 6c 08 2b 20 8d f5 cb bc 61 08 86 7c ba 4f bf 16 2f 42 49 d7 5d e5 99 34 9c 43 44 72 2b 69 e6 84 bc 4c 75 90 29 cf ee 31 1d d0 26 06 11 2c 5e 6e 46 5d 1c 4c 29 1a 43 5e 8d ff e1 94 61 99 66 b7 32 d9 56 f8 00 e4 fc cd 77 6e 1a 3c 81 78 be 39 70 29 03 19 21 49 fc 73 e2 6f 2f 18 8e 05 8f 03 b9 9a b0 90 de 90 50 16 75 e7 ff f6 39 ad 03 12 a2 75 64 68 0d 21 4b 55 06 5c 4a c7 e3 87 a7 d6 72 cd 8e 98 4f 32 68 2b 40 cd 4f 12 11 10 7f 1f 0d 50 53 b2 95 b0

[key=00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

00 00 00 7A //part1

00 00 36 36 20 02 F3 FE 20 02 F3 FE 01 00 00 00 00 00 00 00 00 00 01 00 00 00 00 04 00 00 00 15 77 74 6C 6F 67 69 6E 2E 74 72 61 6E 73 5F 65 6D 70 00 00 00 08 02 B0 5B 8B 00 00 00 13 32 34 30 37 37 33 39 36 30 30 31 34 37 39 35 00 00 00 04 00 22 7C 32 34 30 37 37 33 39 36 30 30 31 34 37 39 35 7C 41 38 2E 32 2E 37 2E 32 37 66 36 65 61 39 36 00 00 00 04

[

00 00 36 36

20 02 F3 FE

20 02 F3 FE

01 00 00 00

00 00 00 00 //len=0

00 00 01 00 //len=256

00 00 00 04

00 00 00 15

77 74 6C 6F 67 69 6E 2E 74 72 61 6E 73 5F 65 6D 70

00 00 00 08

02 B0 5B 8B

00 00 00 13

32 34 30 37 37 33 39 36 30 30 31 34 37 39 35

00 00 00 04

00 22

7C 32 34 30 37 37 33 39 36 30 30 31 34 37 39 35 7C 41 38 2E 32 2E 37 2E 32 37 66 36 65 61 39 36

00 00 00 04 //

]

00 00 01 AA //part2

02 01 A6 1F 41 08 12 00 01 00 00 00 00 03 87 00 00 00 00 02 00 00 00 00 00 00 00 00 02 01 C0 F8 CB F9 62 95 E5 C8 B3 08 99 2A 0B DA 79 55 01 31 00 01 00 41 04 EE AB 36 24 1A DB DA F8 A0 C4 D2 77 7E F6 C8 44 21 AC 48 43 B2 A6 FC FC 51 F2 D4 F6 B4 F1 A8 EA 03 74 BA 98 6E 94 A8 99 6F C2 22 F9 CB C3 46 FB F6 FD AD 9D BB 35 C6 50 5C 23 4B 1B 80 A2 C2 28 17 E8 BB FC AB 58 C3 37 30 36 36 67 60 65 37 8A EA CE 58 73 14 56 DA 35 9E A3 F0 D0 B4 42 5B 92 50 9C F0 37 46 96 D4 0A 3B 4B 2E 6E F6 8F 40 A1 64 07 41 11 CA DC D0 3C 52 69 4F 85 C3 7E 09 54 85 3A F1 58 F1 45 07 38 54 4E 17 36 5C 3D DC A7 E8 DD 9D B5 54 DC CC 5C 01 88 24 BF D5 41 2D 04 BA 98 F1 78 87 9F 53 68 67 A7 30 76 F2 0D 54 9C DD 2E 33 96 48 64 43 BB 2F 1A 63 55 AC 69 F8 1E 15 DE B6 3A 48 88 3D AA D5 BA B1 38 8D 6D 3C 21 7D 52 CA 6B C3 16 2B 7C 71 49 F4 D5 9A C6 B9 2F 13 A4 76 30 3C 04 CE FE 53 D9 07 1A 93 7A 4E DF 4C 36 00 56 06 98 95 4E 98 2D FB 14 1E EA 65 E0 D9 05 28 88 18 51 23 5C 37 10 2A E7 DC 60 08 54 76 15 43 61 51 0A 5D C7 03 37 E7 5D 7E C8 06 69 DA 14 ED 6F C6 82 98 75 56 B5 7F 07 AD 87 BD DF D2 88 6D DA 56 5D 95 70 A8 74 88 74 3E AA 49 46 E2 51 F1 C3 1E 03 23 68 FA F8 2E 19 72 E9 FE 25 6C 1E 79 D6 BA 3B 8E 87 59 8A A3 94 82 B7 6C D6 75 57 83 3C 78 12 B3 E1 AA 23 08 1D 22 83 F2 71 03

[

02

01 A6

1F 41

08 12

00 01

00 00 00 00

03 87 00 00 00 00 02 00 00 00 00 00 00 00 00

02 01

C0 F8 CB F9 62 95 E5 C8 B3 08 99 2A 0B DA 79 55

01 31

00 01

00 41

04 EE AB 36 24 1A DB DA F8 A0 C4 D2 77 7E F6 C8 44 21 AC 48 43 B2 A6 FC FC 51 F2 D4 F6 B4 F1 A8 EA 03 74 BA 98 6E 94 A8 99 6F C2 22 F9 CB C3 46 FB F6 FD AD 9D BB 35 C6 50 5C 23 4B 1B 80 A2

00000000h: B2 74 5A D5 6B D4 33 9E 94 C9 5F 12 D4 89 87 57 ; 瞭Z誯?灁蒧.詨嘩

C2 28



[00 01 11 00 00 00 10 00 00 00 72 00 00 00 //固定

60 7A E8 8E //time

02 //包头

01 0D //43+body长度+1

00 31 //标识cmd

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

03

00 00

00 32 // version

00 00 00 00

00 00 00 00 00 00 00 00

//body start

00 00

00 00 00 10

00 00 00 00 00 00 00 00

08

00 00

00 06 //tlv个数

00 16

00 49

00 00 00 05

00 00 00 10 //appid

20 02 F3 FE //subappid

05 63 42 E4 59 6F 47 1D 00 A3 77 37 76 0D E2 6D //guid

00 12

63 6F 6D 2E 74 65 6E 63 65 6E 74 2E 71 71 6C 69 74 65 //apkid

00 05

32 2E 30 2E 35 [2.0.5] //version

00 10

A6 B7 45 BF 24 A2 C2 77 52 77 16 F6 F3 6E B6 8D //apksign

00 1B

00 1E

00 00 00 00

00 00 00 00

00 00 00 03

00 00 00 04

00 00 00 48

00 00 00 02

00 00 00 02

00 00

00 1D

00 0E

01

00 F7 FF 7C //miscBitmap

00 00 00 00

00

00 00 00 00

00 1F

00 2D

00 //isRoot

00 07

61 6E 64 72 6F 69 64

[

android

]

00 05

37 2E 31 2E 32

[

7.1.2

]

00 02

00 10

43 68 69 6E 61 20 4D 6F 62 69 6C 65 20 47 53 4D

[

China Mobile GSM

]

00 00 00 04

77 69 66 69

[

wifi

]

00 33

00 10

05 63 42 E4 59 6F 47 1D 00 A3 77 37 76 0D E2 6D //guid

00 35

00 04

00 00 00 08

//body end

03 //包尾]

03

]

]

二维码返回包：

00 00 02 cf

00 00 00 0a

02

00

00 00 00 05

30



[00 00 00 31

00 00 36 36

00 00 00 00

00 00 00 04

00 00 00 15

77 74 6C 6F 67 69 6E 2E 74 72 61 6E 73 5F 65 6D 70

00 00 00 08

A6 D5 F6 C7

00 00 00 00

00 00 02 85

02

02 81 1F 41

08 12 00 01

00 00 00 00

00 00 00



[

00 00 02 61 00

02

02 61

00 31

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

03

00 00 00 32

00 00 00 00

00 00 00 00

00 00

00 00 00 00

00 00 00 10

00

00 18 //sig

A1 DC D1 CC 76 02 13 22 C6 07 3B 65 C8 56 31 CF 37 3C 4C E9 86 18 68 43

00 02 //tlv个数

00 17 //二维码数据

02 04

89 50 4E 47 0D 0A 1A 0A 00 00 00 0D 49 48 44 52 00 00 00 87 00 00 00 87 01 00 00 00 00 14 9C 77 A7 00 00 00 09 70 48 59 73 00 00 0B 13 00 00 0B 13 01 00 9A 9C 18 00 00 01 B6 49 44 41 54 48 89 DD D6 B1 AD DC 30 0C 06 60 1A 2A D4 F9 16 10 A0 35 D4 69 25 7B 01 FB BC 80 BD 12 3B AE 21 40 0B 48 9D 0A C1 0C F5 2E 79 08 D2 1C 0F 48 11 C4 70 F5 15 B4 F5 8B A2 0D FC E7 05 FF 89 14 80 0D 7C A5 34 B1 03 F0 4A A9 DC D7 96 2F E2 83 DD CE 6A 41 B7 44 5F 91 4B EC 8B FD 40 36 9B 16 EB 66 EB 3E 93 28 2B 4C 0B 7C 22 DC 77 EA 0F 84 25 F6 EF 55 BC 15 C9 67 25 F7 BA BF 13 7B 2B 5F 57 AE E4 2F F4 BF ED CE 1B B9 21 ED 4D 2A F0 53 8A A0 5E F8 C0 7C 48 1D 96 88 BC 52 6A 73 13 9B CA 22 E6 F8 7A BA 4A 98 0F EA F2 02 73 90 55 7B A5 94 08 10 CC 6D DD 06 3F BB 45 23 15 8D 84 53 A9 2F C1 4D A8 96 26 F9 F4 59 8A 8C 60 59 29 DC E4 36 77 48 0F EA 53 D3 4A E5 34 8A A0 29 C1 9C A0 15 66 7F 06 D8 91 AF 06 5B F4 4A B9 01 26 CA 27 E4 8A F0 5A A9 4A A2 2F 16 00 FA 8A 7D 8E 5A 61 4C 3B A7 07 A6 15 C7 EE 6B 85 8D 84 79 5A 66 39 41 AF C4 14 52 AC 03 0B 6B 93 1E F3 25 68 E5 8E 86 89 2F EC 10 D2 06 5E 29 CC 63 26 9C 36 6D 31 AD A4 95 DB E6 03 BD EC 3B 58 F3 7C 3D 5D 23 51 66 08 3C 9A D4 91 60 B5 52 29 5F CD 48 9B 1D EC 8F E6 95 C2 38 66 F8 33 48 AB C0 A4 17 96 43 97 0B F0 09 D2 00 5A 91 59 B7 63 2E 61 CC BA 25 68 65 7C 2F D8 AD B2 E3 28 3B A8 96 31 F9 25 DB FE 20 19 0E 1F C8 2A E1 90 3F C7 B9 63 BD 2C D0 37 30 17 25 08 6A 91 77 A6 3E 8F FE 4C 3B 69 65 E4 43 20 23 68 A5 5C 7E 7D 41 DE CA DF FA 2B F8 B7 E4 07 3B EB DC 8B FA 2D CE 35 00 00 00 00 49 45 4E 44 AE 42 60 82

00 1C

00 06

00 00 00 78 00 02

03 ]

03 ]

检测二维码状态：

00 00 01 93//包长度403

00 00 00 0A//包类型10

02//包加密方式2

00 00 00 04//4

00

00 00 00 05//QQ ascii 长度5

30//QQ:0

加密部分

a1 12 22 88 47 fe 41 88 55 e9 93 f3 b7 a1 1d 03 46 b1 8b ef 61 b5 d1 fe 3f d9 7b 7a e7 73 f0 bc 0b eb 06 8a f2 8c 22 d8 5e 86 44 ac 3e 06 26 b5 f6 d1 a5 27 ae 4c 07 be 32 39 4f bf f5 9d e8 04 dd 18 d5 6c 5f bf 5a 43 94 3f 66 14 ae b1 c8 38 6d a9 e1 ec ec 1b 41 8b 56 6b cf 44 43 a9 b4 b6 cb 9c b1 ee 1c fc ab 42 45 e4 72 1d 96 0d 48 64 38 63 35 fd f2 c3 a7 81 42 b4 e2 d8 c3 cf 07 90 93 8e 88 30 cd 3a 4d 9c 75 1e fe a3 73 41 55 6c b0 c4 03 69 de ba 79 b5 89 f7 23 67 4a 29 22 e1 13 be 66 8f 6b be e3 f7 84 ab 53 84 04 76 8c bb d4 14 0f f1 e7 03 a2 61 e4 76 df ba c7 0e 24 9c e2 c4 fc f2 dd c6 b9 57 c5 ae 02 6e 62 a9 ca 6b e2 8e cf cd 47 9b 54 9f f4 e9 e9 aa 61 10 b4 5a 83 6f 95 6b e9 56 94 c5 61 92 96 6a 28 41 1a ae 7e e7 b2 86 df 96 c5 59 32 18 fe cf 85 b3 54 e7 d9 37 f2 40 9c 21 b0 af 47 af cd fd 65 33 03 1e 9f db b8 19 83 d7 f5 05 05 2c 36 ee ed 34 05 1e d4 cf 28 97 9a e1 5c 19 11 cb f0 ce 21 52 f5 51 ef 7f 81 43 c8 bd ea 74 f8 7d 53 6f 37 68 33 15 a8 61 8d 65 f0 57 db 51 a4 62 98 cd 36 36 ba 5e 1a a0 29 43 3d 0f b0 3e 27 64 8e 2b 2f 86 43 23 34 9a c3 ed 8c 62 89 29 70 5c 46 88 a9 ac cb 02 48 92 80 ad 2a 44 9b 32 14 14 e3 7a 9d 17 a8 e8

[key=00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

00 00 00 7A //part1

00 00 36 37 20 02 F3 FE 20 02 F3 FE 01 00 00 00 00 00 00 00 00 00 01 00 00 00 00 04 00 00 00 15 77 74 6C 6F 67 69 6E 2E 74 72 61 6E 73 5F 65 6D 70 00 00 00 08 02 B0 5B 8B 00 00 00 13 32 34 30 37 37 33 39 36 30 30 31 34 37 39 35 00 00 00 04 00 22 7C 32 34 30 37 37 33 39 36 30 30 31 34 37 39 35 7C 41 38 2E 32 2E 37 2E 32 37 66 36 65 61 39 36 00 00 00 04

[

00 00 36 37

20 02 F3 FE

20 02 F3 FE

01 00 00 00

00 00 00 00 //len=0

00 00 01 00 //len=256

00 00 00 04 00 00 00 15

77 74 6C 6F 67 69 6E 2E 74 72 61 6E 73 5F 65 6D 70

00 00 00 08

02 B0 5B 8B

00 00 00 13

32 34 30 37 37 33 39 36 30 30 31 34 37 39 35

00 00 00 04

00 22

7C 32 34 30 37 37 33 39 36 30 30 31 34 37 39 35 7C 41 38 2E 32 2E 37 2E 32 37 66 36 65 61 39 36

00 00 00 04 //

]

00 00 00 FA //part2



[

02

00 F6

1F 41

08 12

00 01

00 00 00 00

03 87 00 00 00 00 02 00 00 00 00 00 00 00 00

02 01

C0 F8 CB F9 62 95 E5 C8 B3 08 99 2A 0B DA 79 55

01 31

00 01

00 41

04 EE AB 36 24 1A DB DA F8 A0 C4 D2 77 7E F6 C8 44 21 AC 48 43 B2 A6 FC FC 51 F2 D4 F6 B4 F1 A8 EA 03 74 BA 98 6E 94 A8 99 6F C2 22 F9 CB C3 46 FB F6 FD AD 9D BB 35 C6 50 5C 23 4B 1B 80 A2 C2 28

B2 74 5A D5 6B D4 33 9E 94 C9 5F 12 D4 89 87 57

5F B3 B6 93 A8 18 C2 CA 09 7A 59 7A DA D3 04 A7 BF FD 92 A8 94 BB EA 30 7C 5B CE 93 50 D3 D2 5A A8 83 71 C3 58 72 B9 4C 62 DE 26 6D 98 54 EE 29 F1 47 4C 2B 4D 6A 92 D3 08 02 5E 90 08 3C 83 53 8D 71 67 40 79 C2 C9 1E 2F D9 15 44 F9 A3 9B 4A 7D 10 C0 B0 C5 38 72 32 1D 7E 34 7F 1C 9D 91 69 60 11 AE 8F 5A F1 40 A7 89 C7 B6 AA 8A FA 38 33 44 81 AA 4D 2A C9 3E 89 3B FD BE 81 9B 02 63 F8

[

00 00 62 00 00 00 10 00 00 00 72 00 00 00 //固定

60 7A E8 90 //time

02 00 5E 00 12

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 03 00 00 00 32 00 00 00 01 00 00 00 00 00 00 00 00

00 05 01 00 00 00 08 00 00 00 10

00 18 //sig

A1 DC D1 CC 76 02 13 22 C6 07 3B 65 C8 56 31 CF 37 3C 4C E9 86 18 68 43

00 00 00 00 00 00 00 00

08

00 00 00 00

03 ]

03

]

]

000000a70000000a02310000000530

9789fab2aaab1fb6a30e2c79ce667618398f4f454622214432b3a1b82ce7f1b703a8544c68584493b243f313a69edfb784224eaae2df2c119f004e6561dfeafb17184a2bf38ffedf436bd25e8970530d7a2b9d3652450ff39fa7ced218750b1784227b575d2adff10ed3d3f0a56926f93c16dff40e3a16e07f5566b9cff4bb4e1bf0750f0ab8e16a198a0d2126f902633f29622b65abb3c1

[00 00 00 31 00 00 36 37 00 00 00 00 00 00 00 04 00 00 00 15

77 74 6C 6F 67 69 6E 2E 74 72 61 6E 73 5F 65 6D 70

00 00 00 08

A6 D5 F6 C7

00 00 00 00

00 00 00 5D

02

00 59

1F 41

08 12 00 01

00 00 00 00

00 00 00

11 C4 7E BE 5A 53 3B AA BF 56 D9 60 F5 57 BD F1 3B 5D ED 5E F1 CD 35 DB 1D D4 87 7E 1C 24 C2 65 E4 31 25 3E 5F 9B 2F 63 56 E7 B3 EA 17 BB C2 75 3F 69 BD 97 36 63 57 39 C4 13 E2 63 AE 3A 99 D9 72 40 30 7D 9D 13 BF 06

[

00 00 00 38 00

02

00 38

00 12

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

03

00 00 00 32

00 00 00 01

00 00 00 00

00 00 00 00

00 05

01 00 00 00

08

00 00 00 10

30 //状态码30为未扫码，35为扫码待确认，36为扫码了但是取消了，11为二维码过期

03

]

03 ]

扫码成功包：

00 00 01 B2 00 02 01 B2 00 12 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 03 00 00 00 32 00 00 00 01 00 00 00 00 00 00 00 00 00 05 01 00 00 00 08 00 00 00 10

00

00 00 00 00 4D B0 10 23 //QQ

60 7C 5F D5 //sig create time

00 0B //又是tlv

00 18 //tmpPwd，登录包里的0106

00 70

F1 DD D4 9C DB 86 48 8B 19 34 4C 15 28 59 FA CE 0E F9 F0 2A 6F 31 D8 C5 D8 A6 EF 0E 39 C9 91 E3 AF 4D 28 48 B9 F5 0A 15 6D 8B F2 D0 AE 4C CC E7 C1 D9 F8 CC E4 79 4A 97 72 ED CC E5 39 92 47 92 ED BE 33 0F CA 0B 63 67 EA 9F 70 04 C2 DC C5 BA E5 89 D2 BC 7C FD B6 55 DB 15 A9 10 EA BF 2C 6A 81 86 48 66 EA CB 5C 4C 46 0C 7A B7 DB 37 BD 2B

00 19 //tmpNoPicSig，登录包里的016A

00 38

0E C7 10 73 D7 EB 6D 0F 07 23 54 42 DC D6 2B 0B 04 0B C2 B9 BE C3 7C 73 EF 82 88 4A 41 D9 B3 65 FA F5 48 B6 21 B0 C1 AA CA 2D 25 C0 A9 2A 87 09 3C 32 92 12 33 10 12 D7

00 1E //tgtkey

00 10

7B 57 5F 29 44 5E 40 5B 33 45 59 2A 59 5B 36 4A

00 02

00 08

00 00 00 00 00 00 00 0B

00 07

00 04

00 00 00 10

00 14

00 04

00 00 00 01

00 0E

00 08

27 33 28 51 42 27 35 59

00 0F

00 08

3A 76 46 4A 6E 74 35 7D

00 15

00 04

00 00 00 00

00 65 //tgtQR，登录包里的0318

00 60

EF 89 B2 DE BB 4F E8 94 5A B6 C7 2B AF E5 DC D1 C7 AA E5 32 73 22 22 27 C5 CA DE C7 EC 37 E2 58 52 F6 E5 25 9A 86 D3 07 F9 C6 68 4D E7 2B 91 E3 21 6A 9F 0C D6 BC 44 A2 BA A9 8F C3 87 B3 E5 38 DD 28 99 75 BA 8F 8D FC 44 3C D4 8D 6F 26 AD 8B 73 23 AD 41 3B 5F B5 89 75 8D B7 23 A1 2C 45 56

00 CE

00 04

00 00 00 00

03