XYO Network Encodings: Public Keys

0x04

August, 2018

1 ECDSA secp256k1 Uncompressed (0x01)

Name	Size	Description
Curve Point X	32 Bytes	Curve Point X on secp256k1
Curve Point Y	32 Bytes	Curve Point Y on secp256k1

2 ECDSA secp256k1 Compressed (0x02)

Point Y is 0x03 if Y is odd, and 0x02 if even.

Name	Size	Description
Curve Point X	1 Byte	Curve Point Y on secp256k1
Curve Point Y	32 Bytes	Curve Point X on secp256k1

3 RSA Public key (0x03) with PE: 0x010001

RSA public key with a public exponent of 0x010001.

Name	Size	Description
Size	2 bytes	Size of the modulus
Modulus	Indicated Above	The RSA Modulus

4 Stub Testing Key (0x04)

Public key used for development and testing.

Name	Size	Description
Value	1 byte	Stub public key