

XYO Network Encodings: Core Objects

0x02

August, 2018

1 Bound Witness (0x01)

A bound witness in the XYO Network.

Name	Type	Description
Total Size	Unsigned Int	Size of Entire Bound Witness
Public Keys	Array(0x02)< <i>KeySet</i> >	A keyset for every party in the bound witness.
Payloads	Array(0x03)< <i>Payload</i> >	A payload for every party in the bound witness.
Signatures	Array(0x02)< <i>SignatureSet</i> >	A SignatureSet for every party in the bound witness.

2 KeySet (0x02)

A set of public keys for a single party.

Name	Type	Description
Keys	Array(0x05)	A multi-typed array of public keys.

3 SignatureSet (0x03)

A set of signatures for a single party.

Name	Type	Description
Signatures	Array(0x05)	A untyped array of signatures.

4 Payload (0x04)

A payload contains a set of unsigned and signed Heuristics.

Name	Type	Description
Total Size	Unsigned Int	Total size of Payload
Signed Heuristics	Array(0x06)	An multi-typed array of heuristics
Unsigned Heuristics	Array(0x06)	An multi-typed array of heuristics