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CRYPTO CONDITIONS.

Introduction.

Crypto Conditions in brief

Crypto Conditions defines a set of encoding formats and data structures for conditions and fulfillments

combining existing signature schemes or hash functions

Condition.

Fingerprint of a circuit

Users or developers define a set of conditions that need to be satisfied

for a particular action or transaction to occur

Fulfillment. Circuit structure

Represents the cryptographic proof or evidence

provided to satisfy the conditions

Validation.

Evaluation of the fulfillment

A fulfillment is considered valid if it matches the fingerprint

In other words the condition is satified

Preimage SHA256.

TYPE_ID : 0

Ed25519 SHA256.

TYPE_ID : 4

Threshold SHA256.

TYPE_ID : 2

```
ThresholdSHA256 CONDITION ::= {
   fingerprint SHA256(fingerprint_content.encode)
   cost
ed25519SHA256 FINGERPRINT_CONTENTS ::= {
   threshold INTEGER
   subconditions SET of subconditions
ed25519SHA256 FULFILLMENT ::= {
   subfulfillment SET of subfulfillments
   subconditions SET of subconditions
```

Questions?

THANK YOU.