

Cryptanalysis Attacks



Exploit
Cryptographic
Vulnerabilities

Authentication Attacks



Unauthorised Access Attempts

Targets Hardware Weaknesses



Physical Attacks

Exploit
Cryptographic
Vulnerabilities



Hardware
Attack

Application Attacks



Create
Malicious
Connection

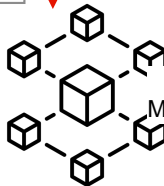
Alter
Message

Network Attacks



Intercept
Connection

Old
Connection

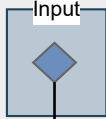


Send
Message

WALLET MECHANISM

Keys Generation Algorithm

Input



Output

Public Key

Private Key

Encrypt
Key

Authenticates
User



Message

Transaction Creation
Algorithm



Encrypted

Private Key
Storage Algorithm

Extract Revealed Private Key

Transaction Broadcast
Algorithm

Decrypt
Key



Input

Output

Message

Transaction Signing
Algorithm

Send
Message