

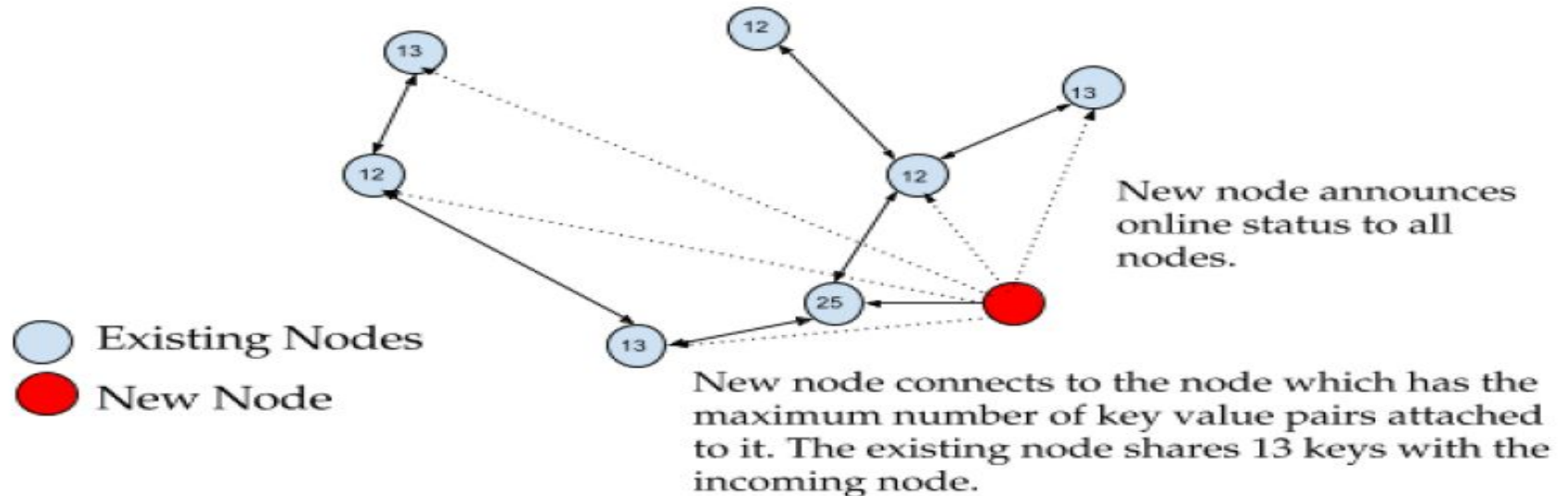
Distributed Ledger

COP701 : Software Systems Lan

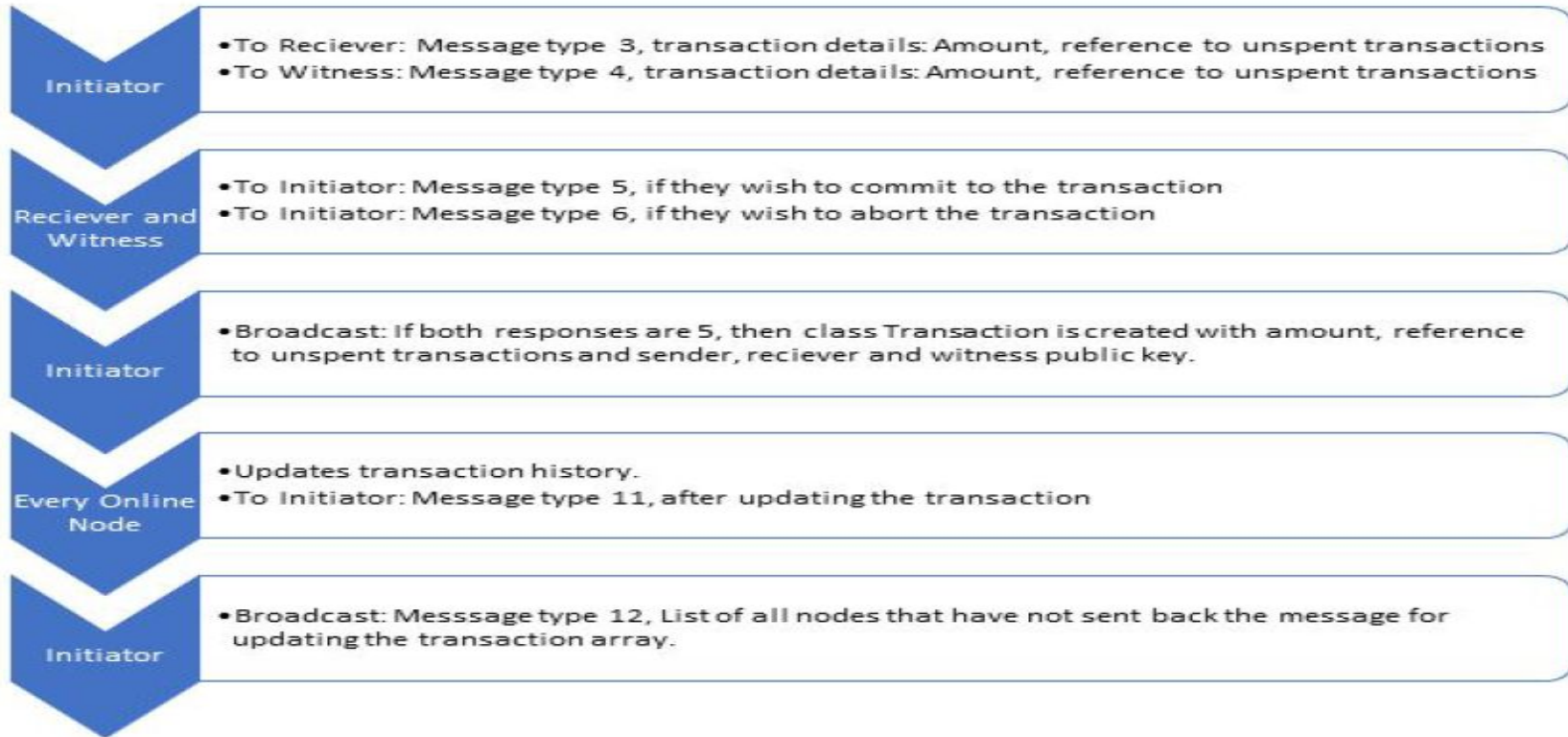
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Node Protocol

Total nodes: 100
Nodes online: 7



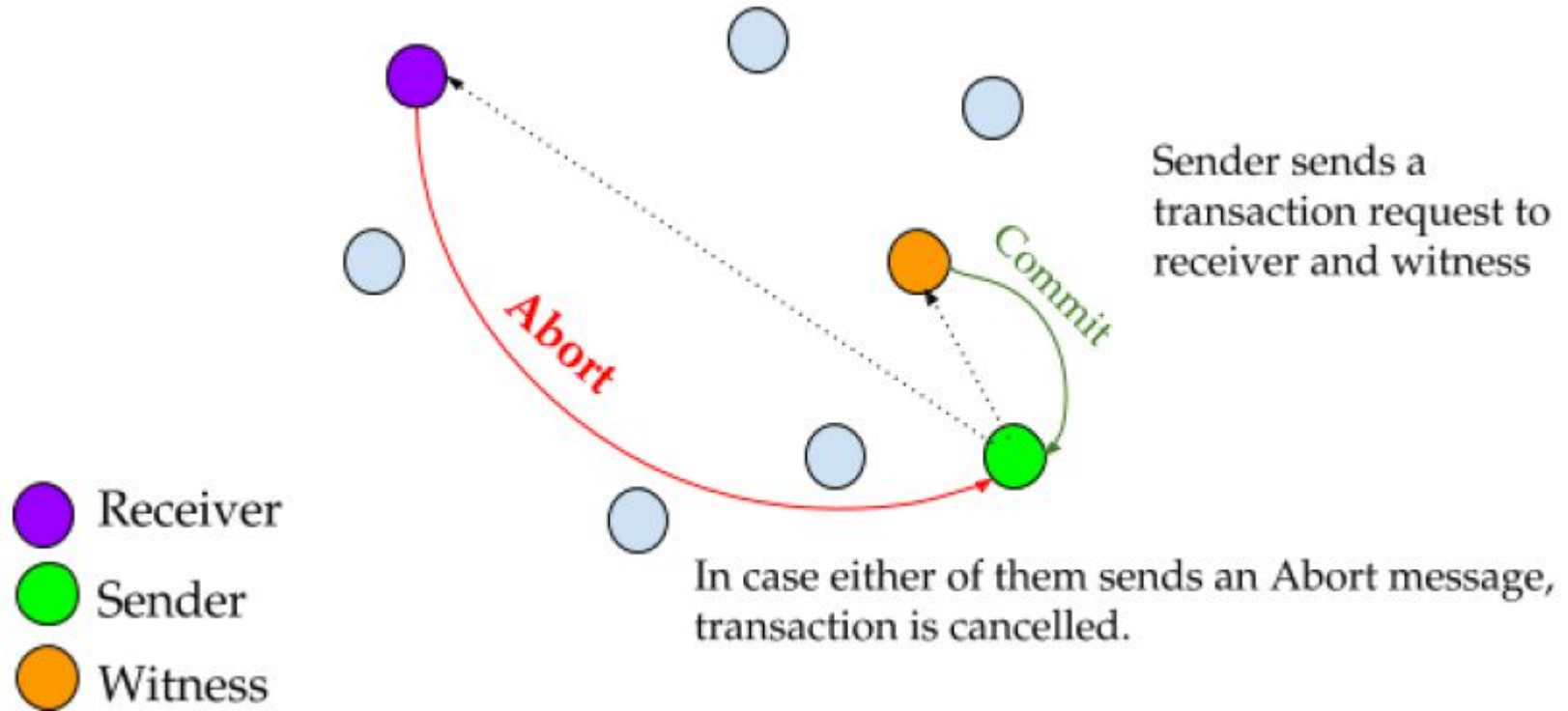
Transaction Protocol



Transaction Protocol

Message Type	Meaning
1	Node is now online
2	Update incoming node with transactions
3	Transaction Request to receiver
4	Transaction Request to witness
5	Commit (Response to message type 3/4)
6	Abort (Response to message type 3/4)
7	Broadcast Transaction
9	Send public key
11	Transaction updated (Reply from node to confirm update of transaction)
12	Nodes not updated list (Broadcast about which nodes have not yet been updated)
13	Ask for public key

Failure Protocol



Thank You