A0 = MACKA( N || ACK )

A12 = A0  \oplus C0

Root commitment = A20 \oplus E11

E11

A20 = A11  \oplus A12

A20

A12

A11

A12 = A0  \oplus C0

Root commitment = A20 \oplus E11

E11

A20 = A11  \oplus A12

A20

A12

A11

A0 = MACKA( N || NACK )

Aggregation tree

Fan-out = n1

Fan-out = n2

Fan-out = nn

Fan-out = n4

Fan-out = n3

I

H

G

F

E

A

C

B

D