

A**B****C****D**

ADDR	GTW	HOPS
B	A	0
C	B	1
D	B	2

ADDR	GTW	HOPS
A	B	0
C	B	0
D	C	1

ADDR	GTW	HOPS
A	B	1
B	C	0
D	C	0

ADDR	GTW	HOPS
A	C	2
B	C	1
C	D	0