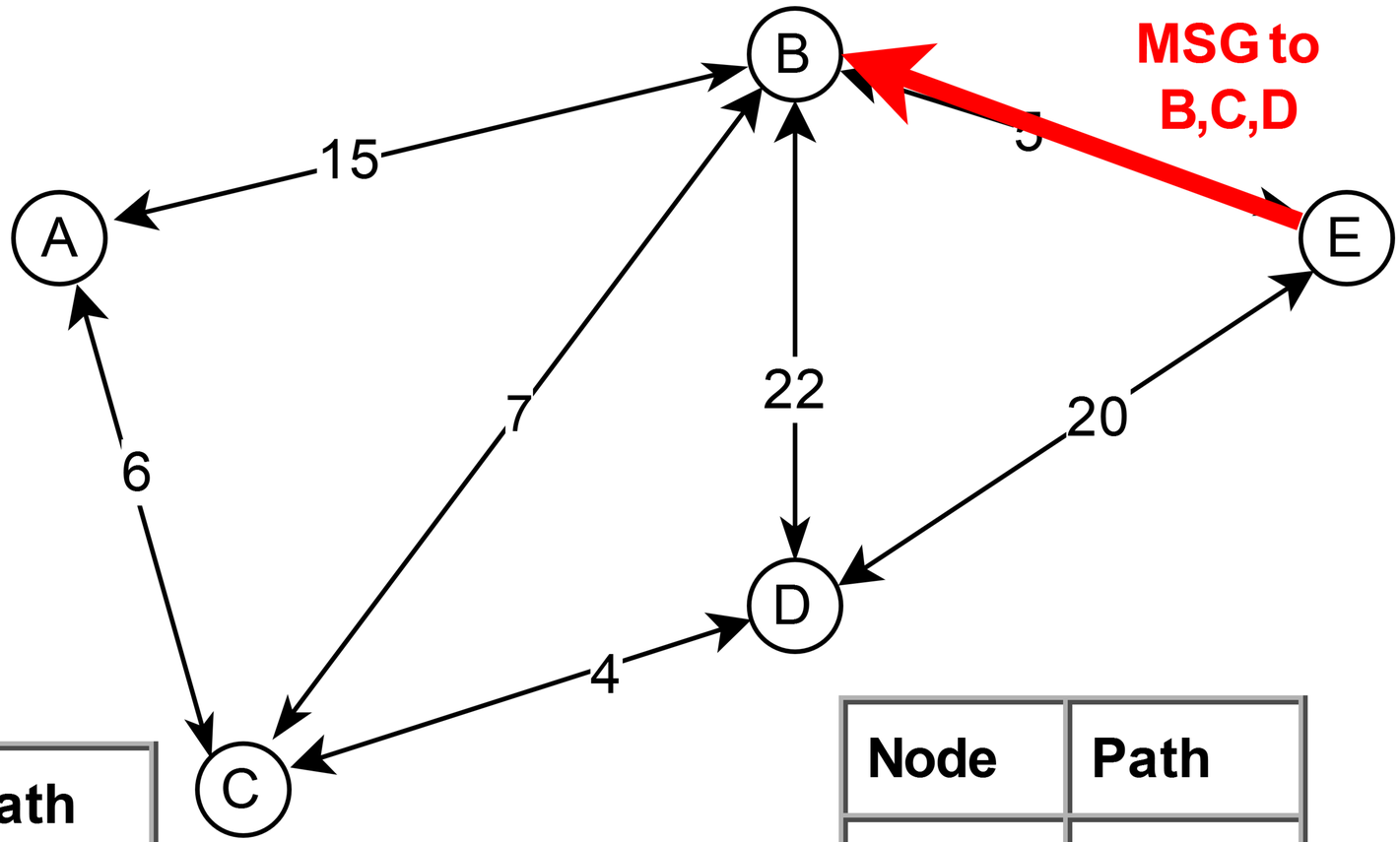
Node	Path
A	C,A
C	C
D	C,D
E	E

Node	Path
B	C,B
C	C
D	C,D
E	C,B,E



Node	Path
A	B,C,A
B	B
C	B,C
D	B,C,D

Node	Path
A	A
B	B
D	D
E	B,E

Node	Path
A	C
B	C,B
C	C
E	C,B,E