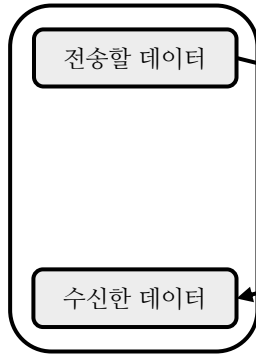


Cost Matrix

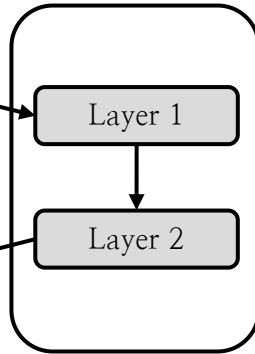
	0	1	2	3	4
0	T[0,0]	T[0,1]	T[0,2]	T[0,3]	T[0,4]
1	-1	T[1,1]	T[1,2]	T[1,3]	T[1,4]
2	-1	-1	T[2,2]	T[2,3]	T[2,4]
3	-1	-1	-1	T[3,3]	T[3,4]
4	-1	-1	-1	-1	T[4,4]



Server-side



Edge Device



$$T[1,2] = \max_{d < n_d} ((\text{Sending cost}) + (\text{Execution cost}) + (\text{Receiving cost}))$$

$$= \max_{d < n_d} (S_d[1] \times A_d[1,2] + (E_d[1] \times A_d[1,2] + E_d[2] \times A_d[2,2]) + R_d[2])$$