



Physical node is embedded with  $v_i$



Backup physical node

3

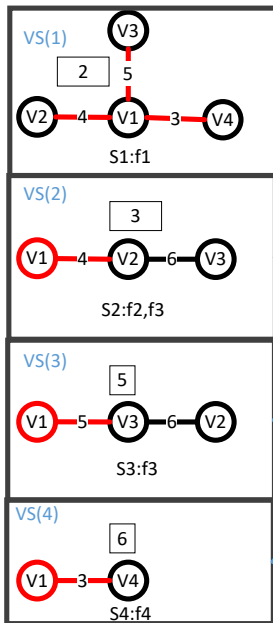
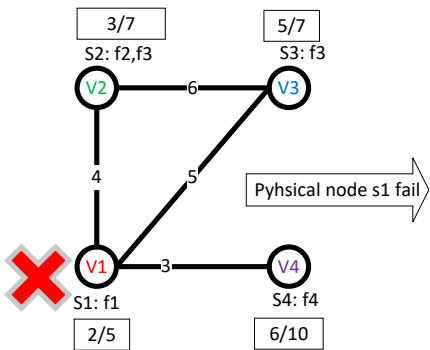
Virtual node computing demand 3

2/5

Occupied 2/Capacity 5

VS

PS



E

(a) original embedding

(b) bipartite graph

	PS(1)	PS(2)	PS(3)	PS(4)	PS(5)	PS(6)	PS(7)
VS(1)	$\infty$	$\infty$	$\infty$	$\infty$	$C_s + M_m + \lambda(2) + \alpha 12$	$C_s + M_m + \lambda(2) + \alpha 12$	$\infty$
VS(2)	$\infty$	4	$\infty$	$\infty$	$C_s + M_m + \lambda(3) + \alpha 10$	$\infty$	$C_s + M_m + \lambda(3) + \alpha 10$
VS(3)	$\infty$	$M_m + \lambda(5) + \alpha 11$	5	$\infty$	$\infty$	$\infty$	$C_s + M_m + \lambda(5) + \alpha 11$
VS(4)	$\infty$	$\infty$	$\infty$	3	$\infty$	$C_s + M_m + \lambda(6) + \alpha 3$	$\infty$