Client-Server Classes and Configurations
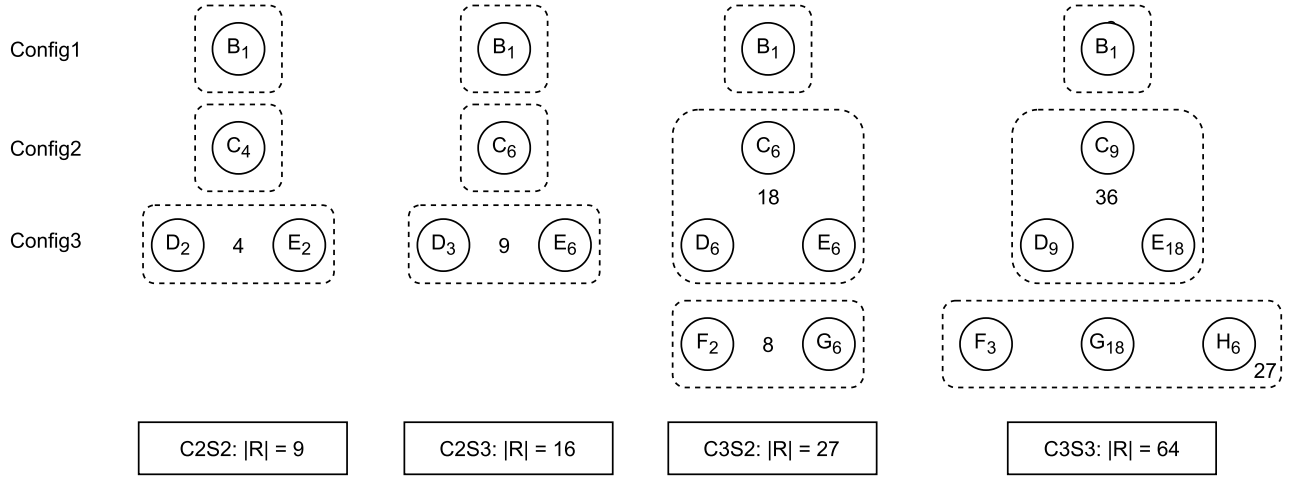

$$\text{Config1} = \quad \forall S.\, semaphore(S)$$

$$\forall S, \forall C.\, \neg link(C, S)$$

$$\text{Config2} = \quad \exists S.\, \neg semaphore(S)$$

$$\exists S.\, semaphore(S)$$

$$\forall S, \forall C.\, semaphore(S) \rightarrow \neg link(C, S)$$

$$\forall S, \forall C_1, C_2.\, link(C_1, S) \wedge link(C_2, S) \rightarrow C_1 = C_2$$

$$\text{Config3} = \forall S, \exists C.\, link(C, s)$$

$$\forall S, \forall C_1, C_2.\, link(C_1, S) \wedge link(C_2, S) \rightarrow C_1 = C_2$$

$$\forall S.\, \neg Semaphore(S)$$