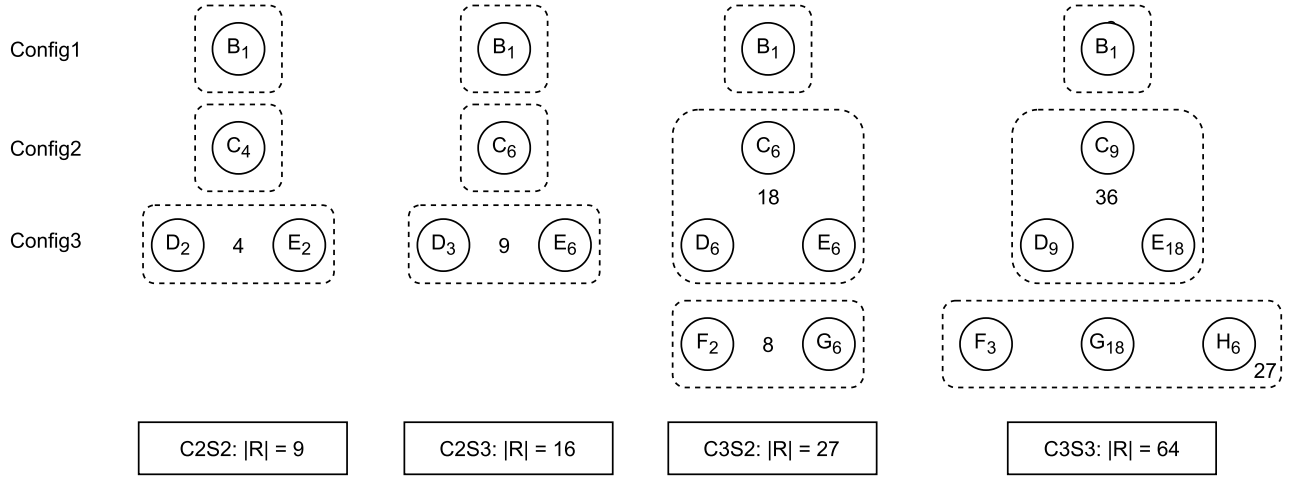


Client-Server Classes and Configurations



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

$$\forall S, \forall C. \neg \text{link}(C, S)$$

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

$$\exists S. \text{semaphore}(S)$$

$$\forall S. \neg \text{semaphore}(S) \rightarrow \exists C. \text{link}(C, S)$$

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

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

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

$$\forall S. \neg \text{Semaphore}(S)$$
