# k=4 IP and Virtual Port numbering, 1-indexed
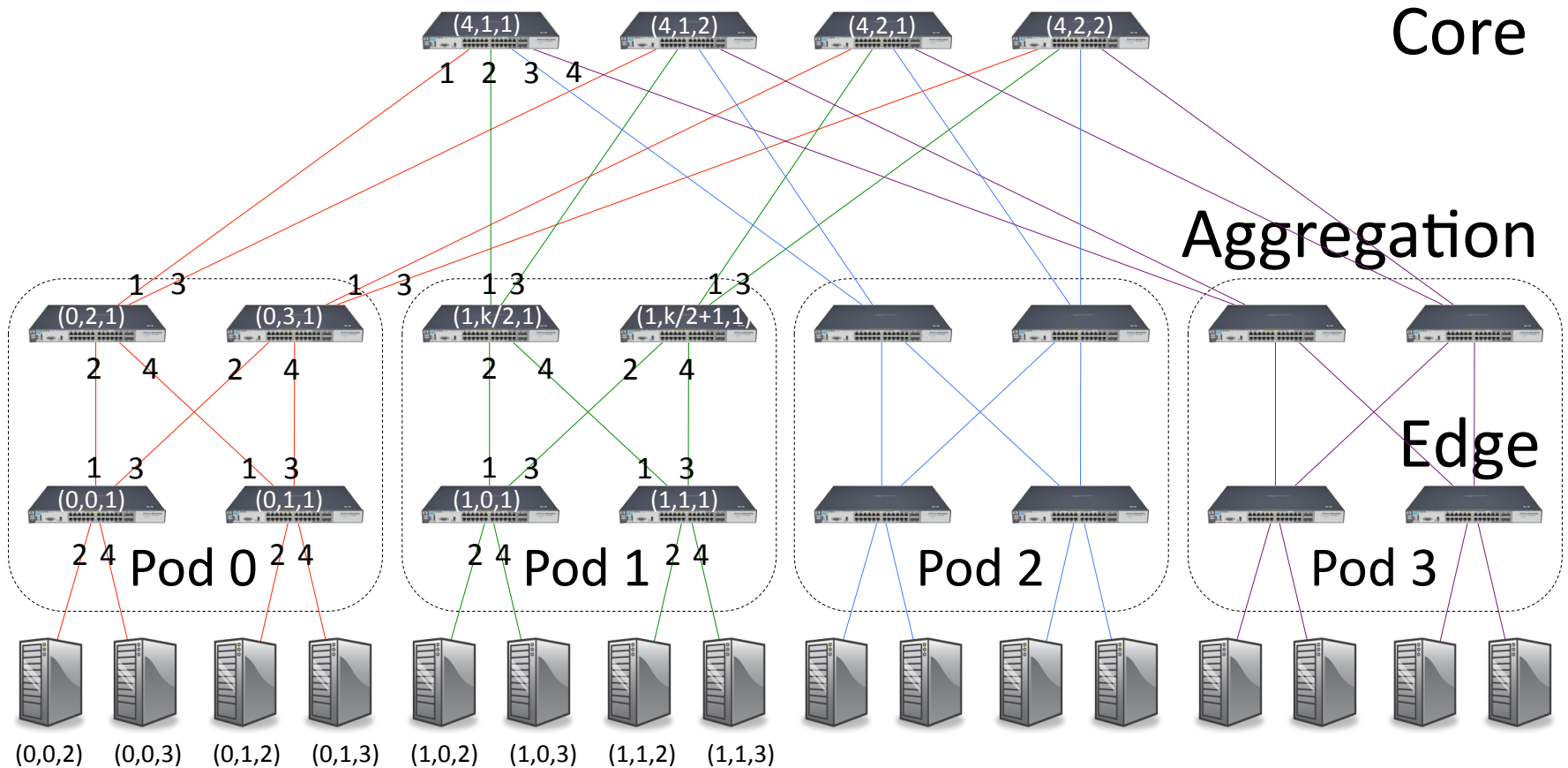
## (same pattern applies to k=6)

Host Total: $k^3/4$

Host Tuple(x,y,z) ←→ Host IP 10.x.y.z

Host Tuple(x,y,z) ←→ (pod, switch, host)

Pod Switches: (pod,switch,1), switch in [0,k]

Core Switches: (k,i,j), i and j in [1,k/2]

Hosts: (pod,switch,host), host in [2,k/2+1]