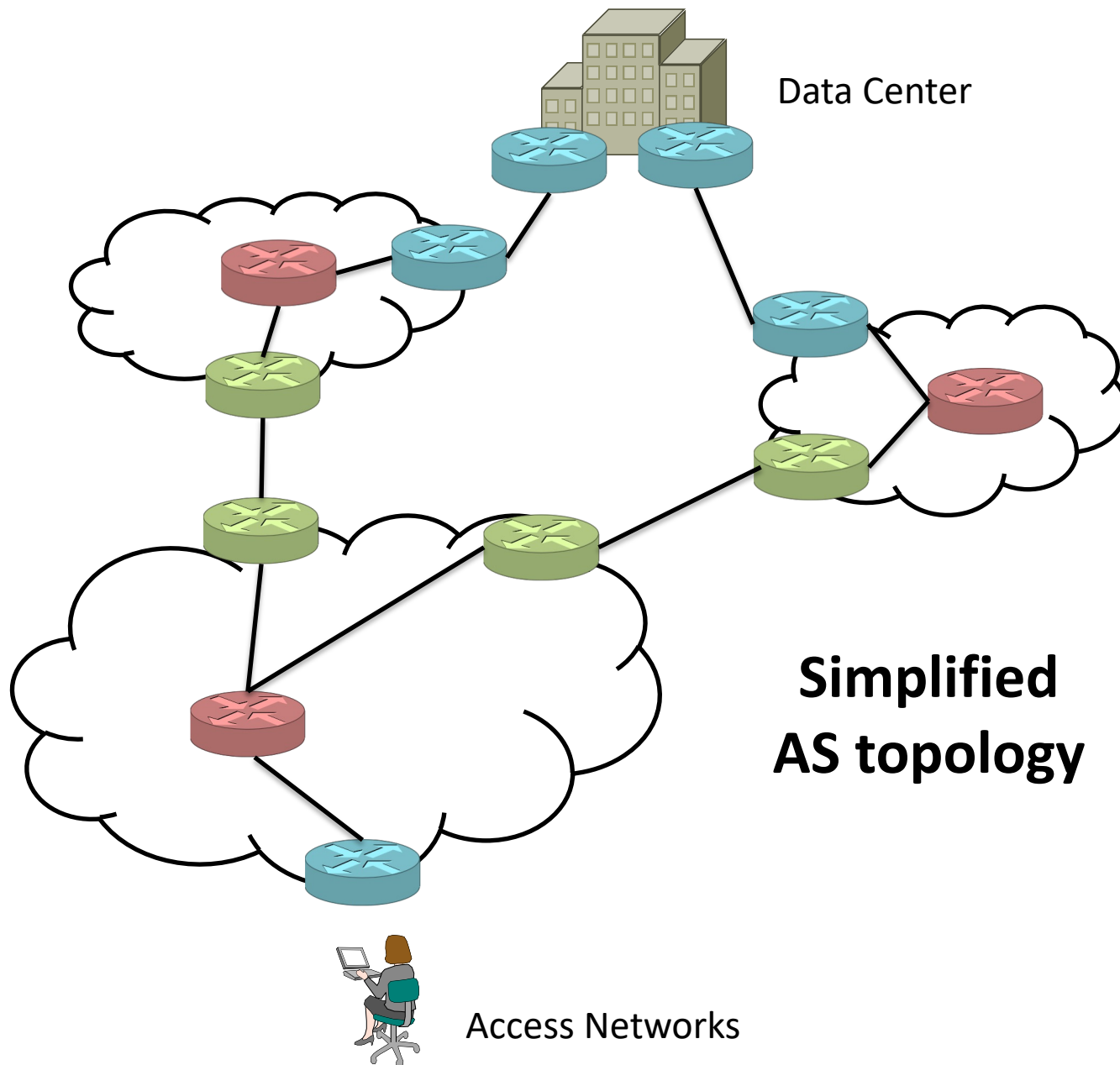


# Switched CCNx

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Palo Alto Research Center

Oct 13, 2015



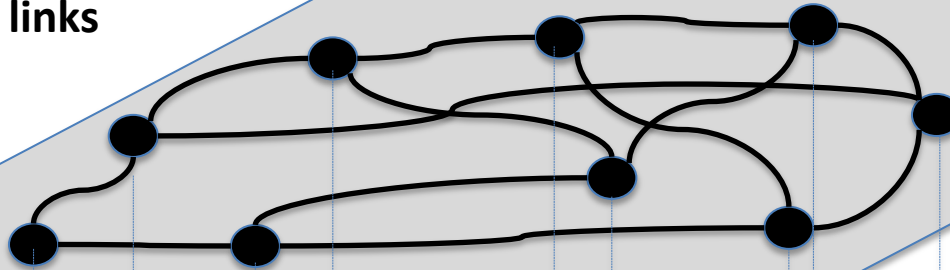
Data Center

**Simplified  
AS topology**

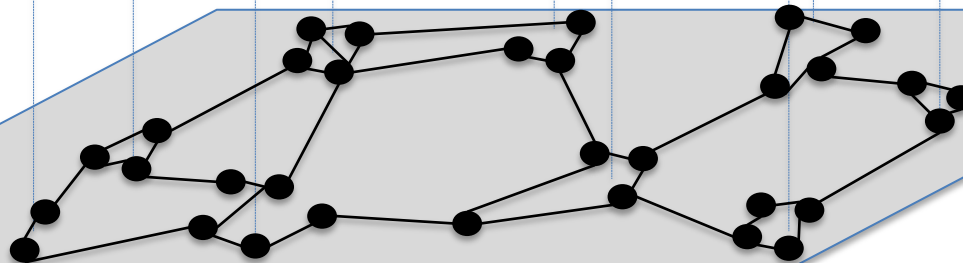
Access Networks

**Multiple edge-diverse paths**  
**Fewer nodes**  
**Mixture long/short links**

Layer "U"



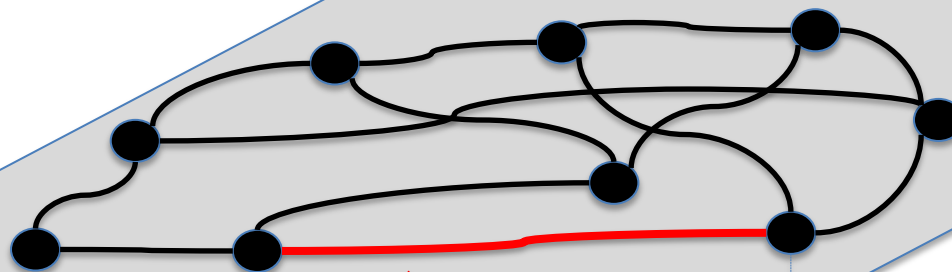
**Correspondence  
to location**



Layer "L"

**Expensive optical links**  
**Low edge diversity**  
**More nodes**

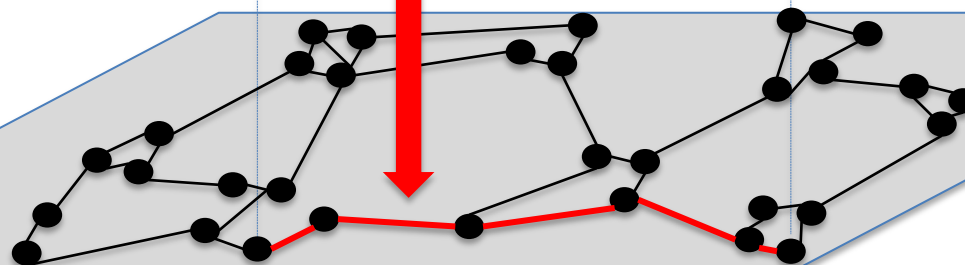
Layer "U"

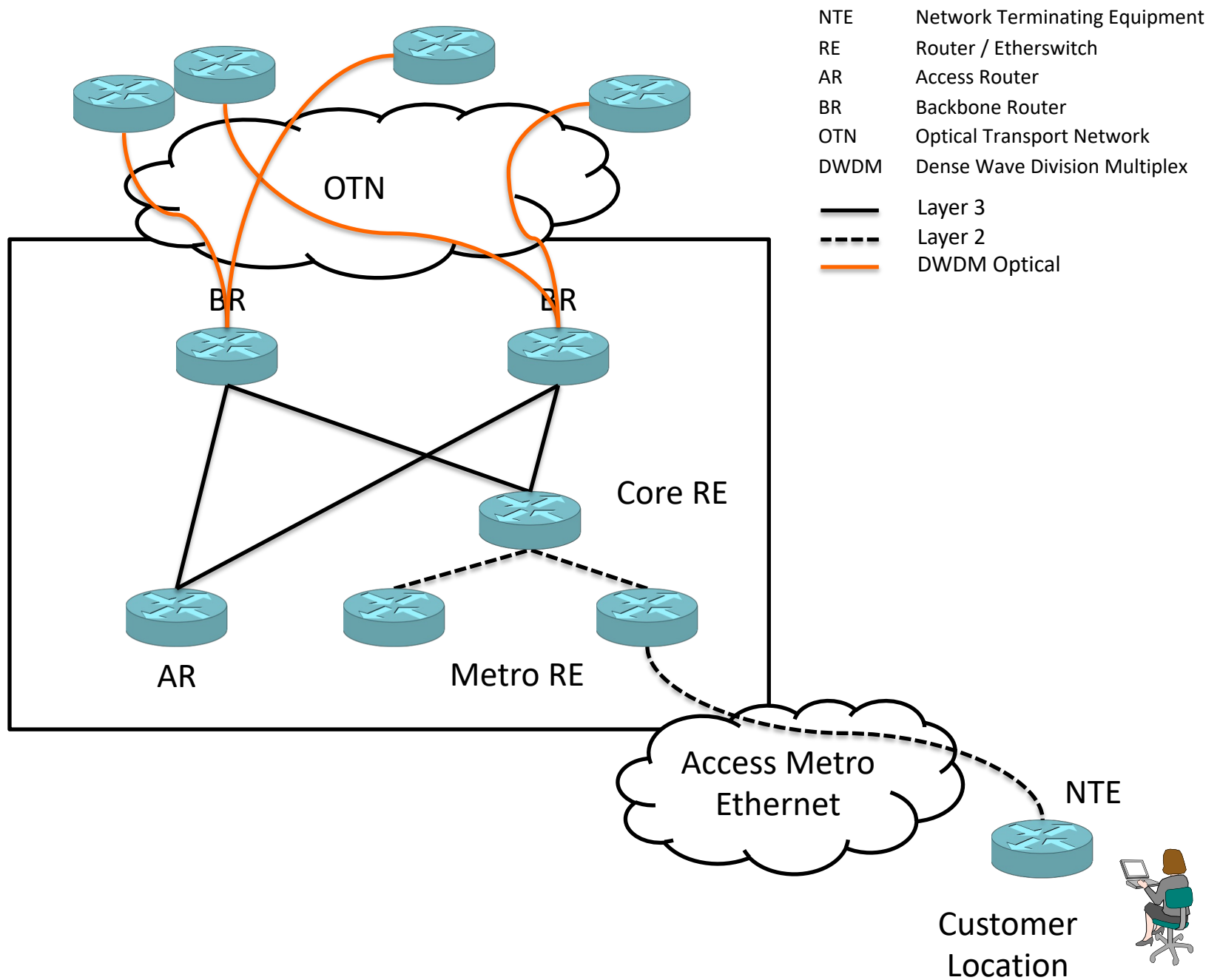


Mapping upper layer to  
lower layer

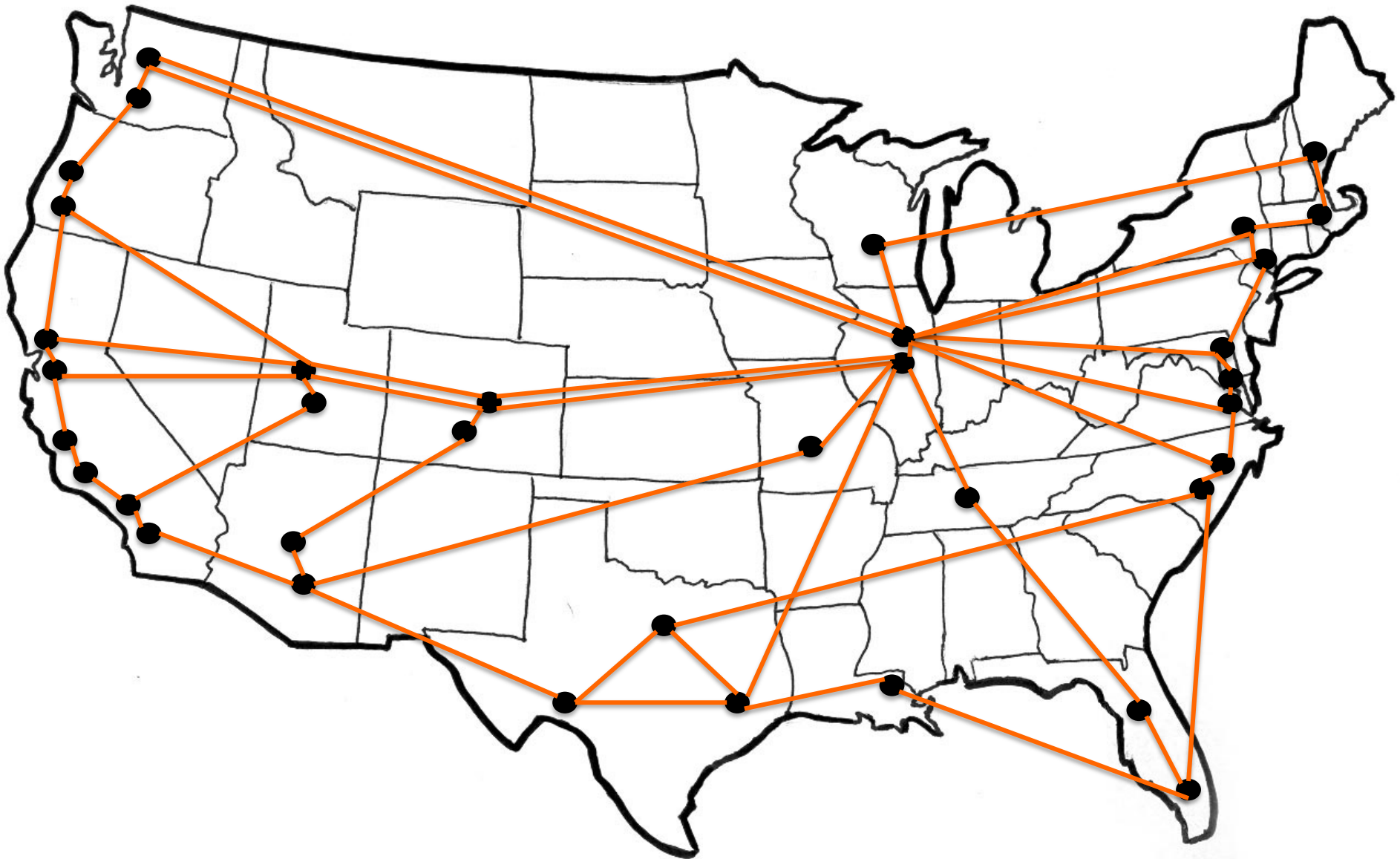


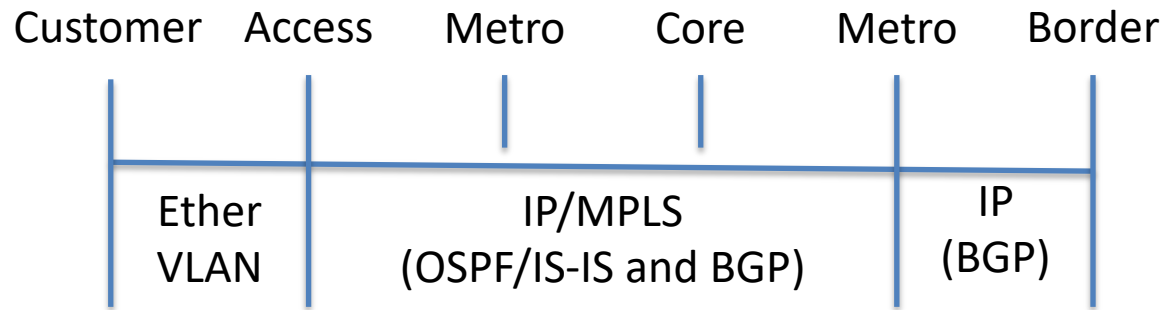
Layer "L"

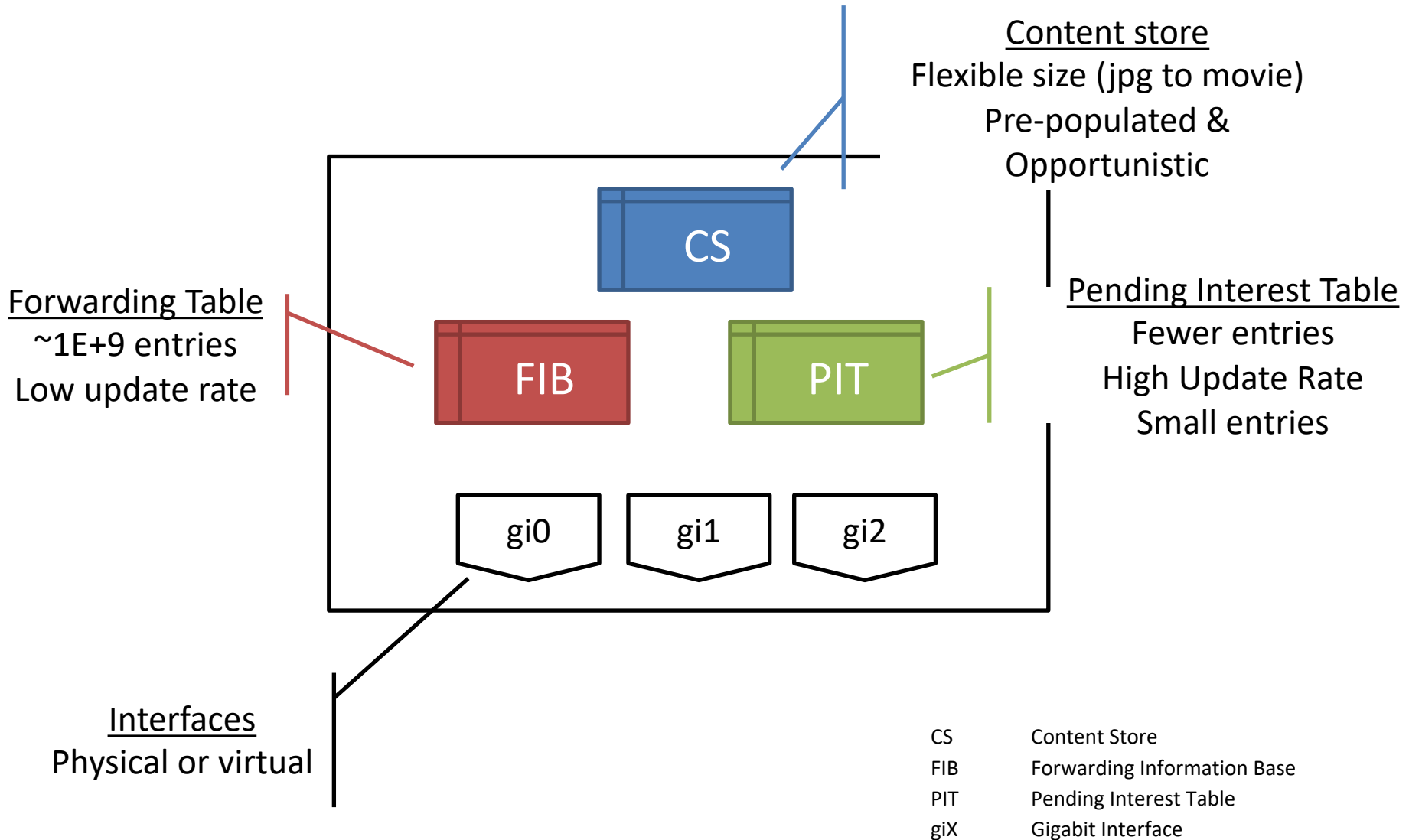




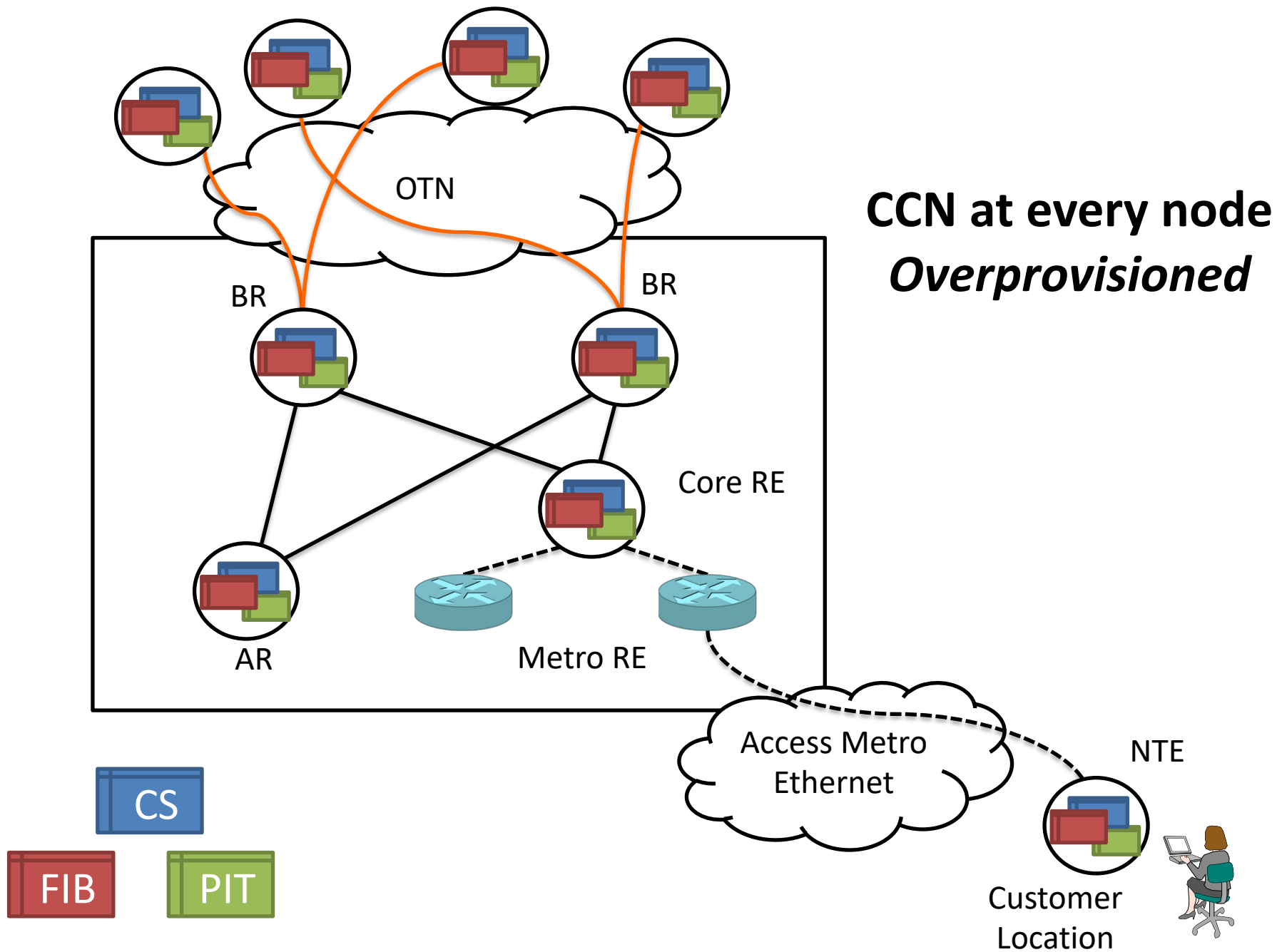
# Example Routed Core Links

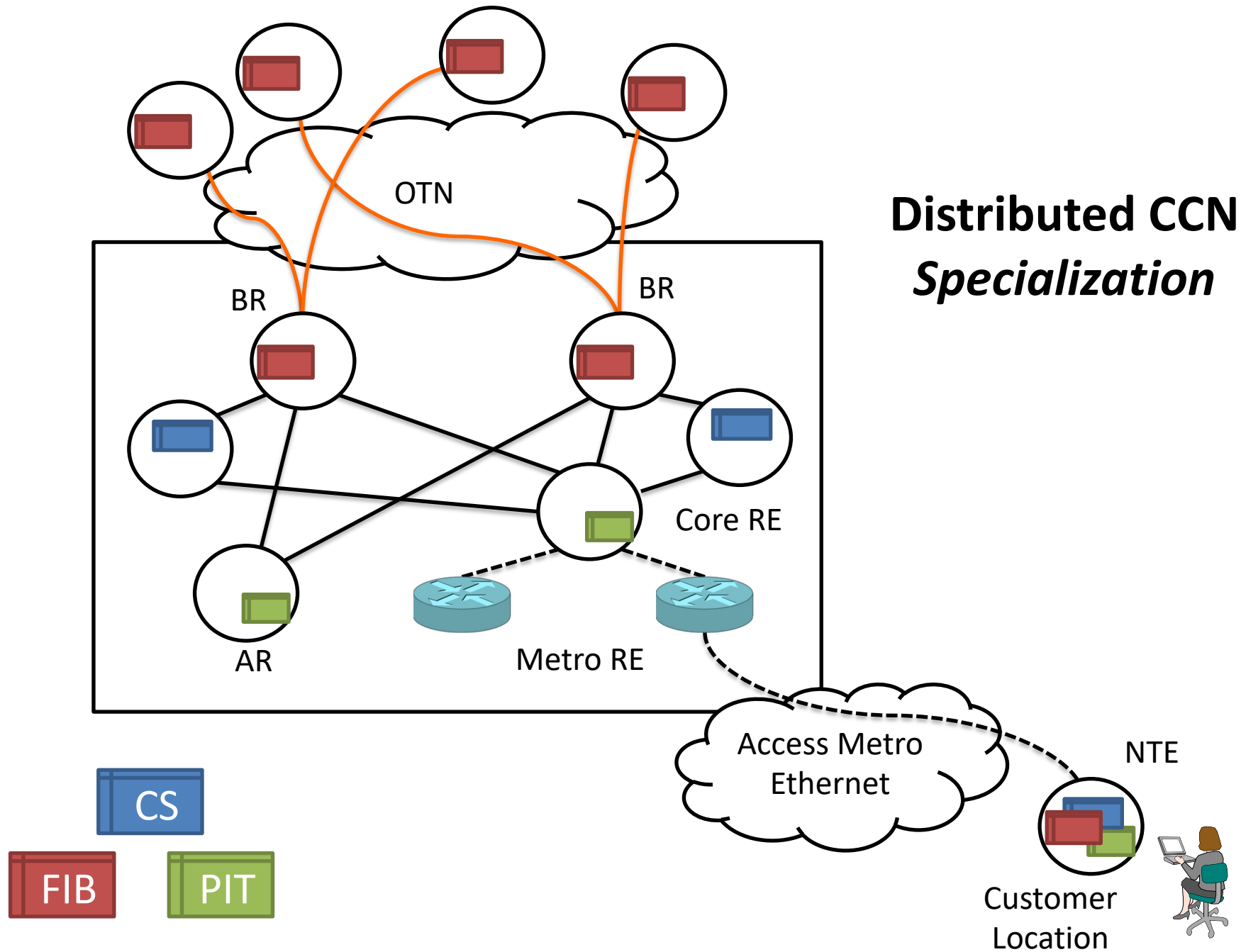


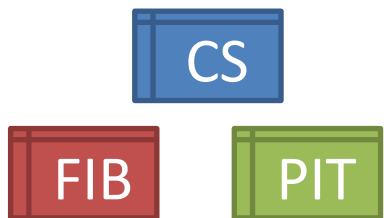
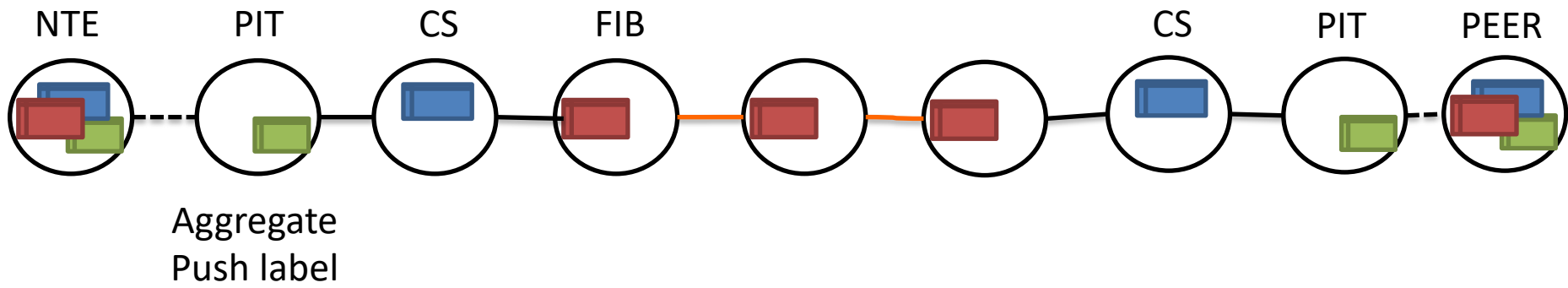




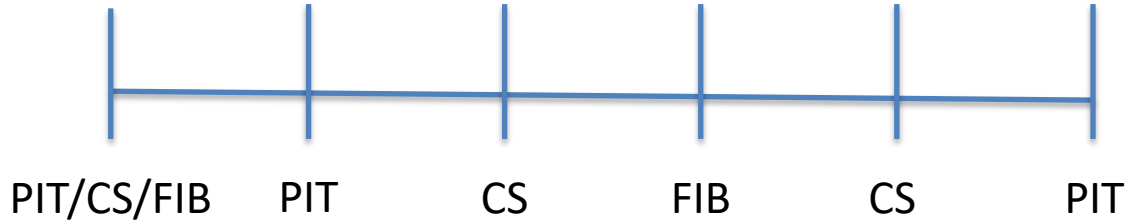








Customer    Access    Metro    Core    Metro    Border



———— Label Switching ————