

2.2.1(b) Tech Talk Slides

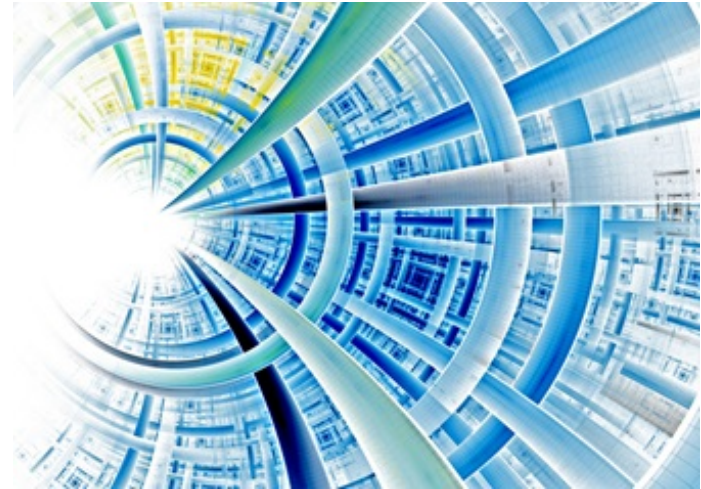
Fabric Scaling

Customer benefits

- Support larger customer environments requiring more VLANs, VIFs, IGMP Groups, Endpoints
- Often required in Service Provider and Cloud IT Environments

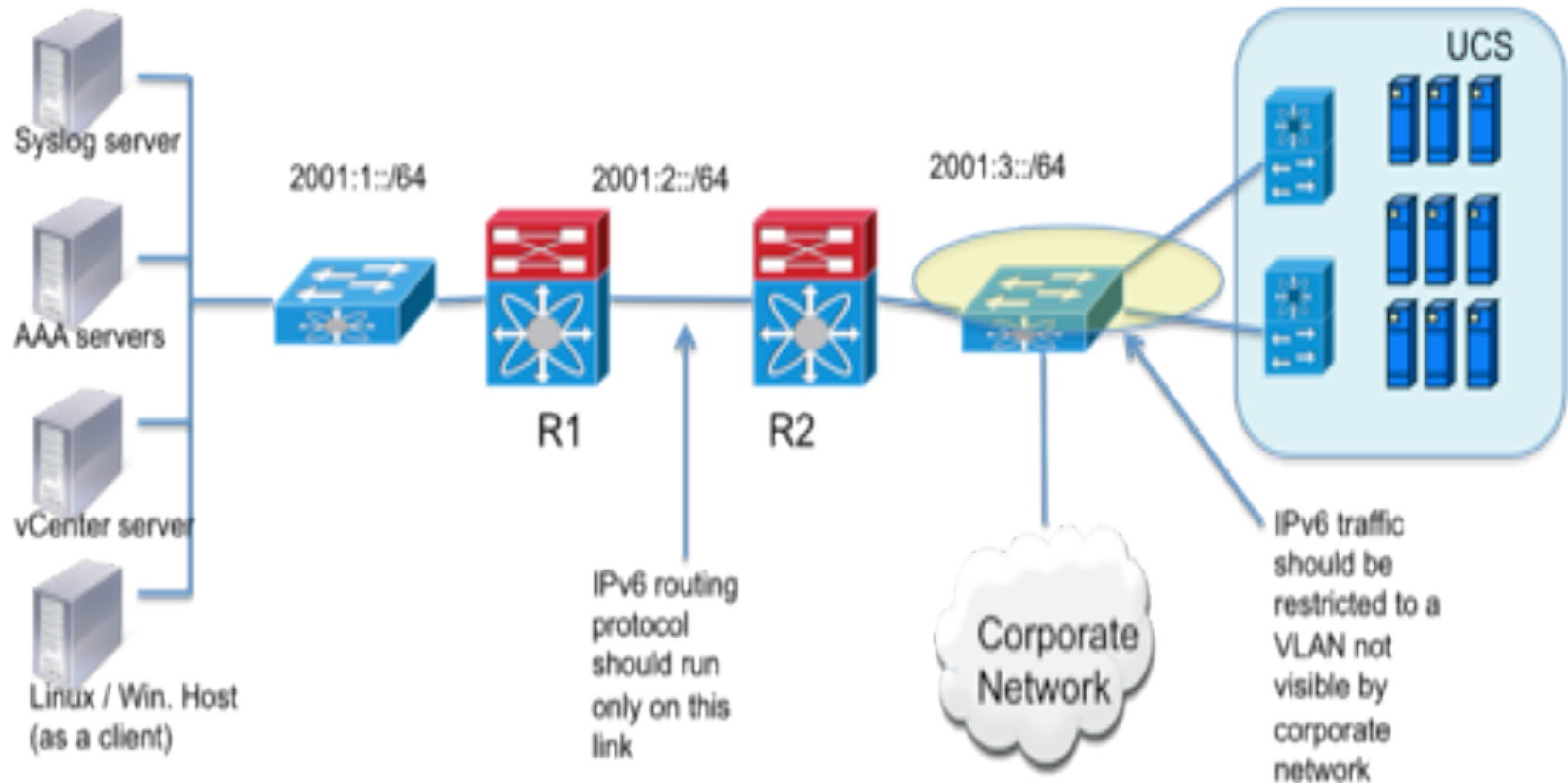
Feature details

- El Capitan syncs to new underlying NxOS switch code, which enables UCS to increase the fabric scale numbers on the 6200 Fabric Interconnects:
 - VLANs (2000)
 - VIFs (2750)
 - IGMP Groups (4000)
 - Adapter Endpoints (240)
Physical network adapters across all servers in the UCS domain
- Also, increase the number of supported vHBAs on from 160 to 240 per Fabric Interconnect



Features	< 2.2	2.2
VLANs	1000	2000
VIFs	2000	2750
IGMP Groups	1000	4000
Endpoints	160	240

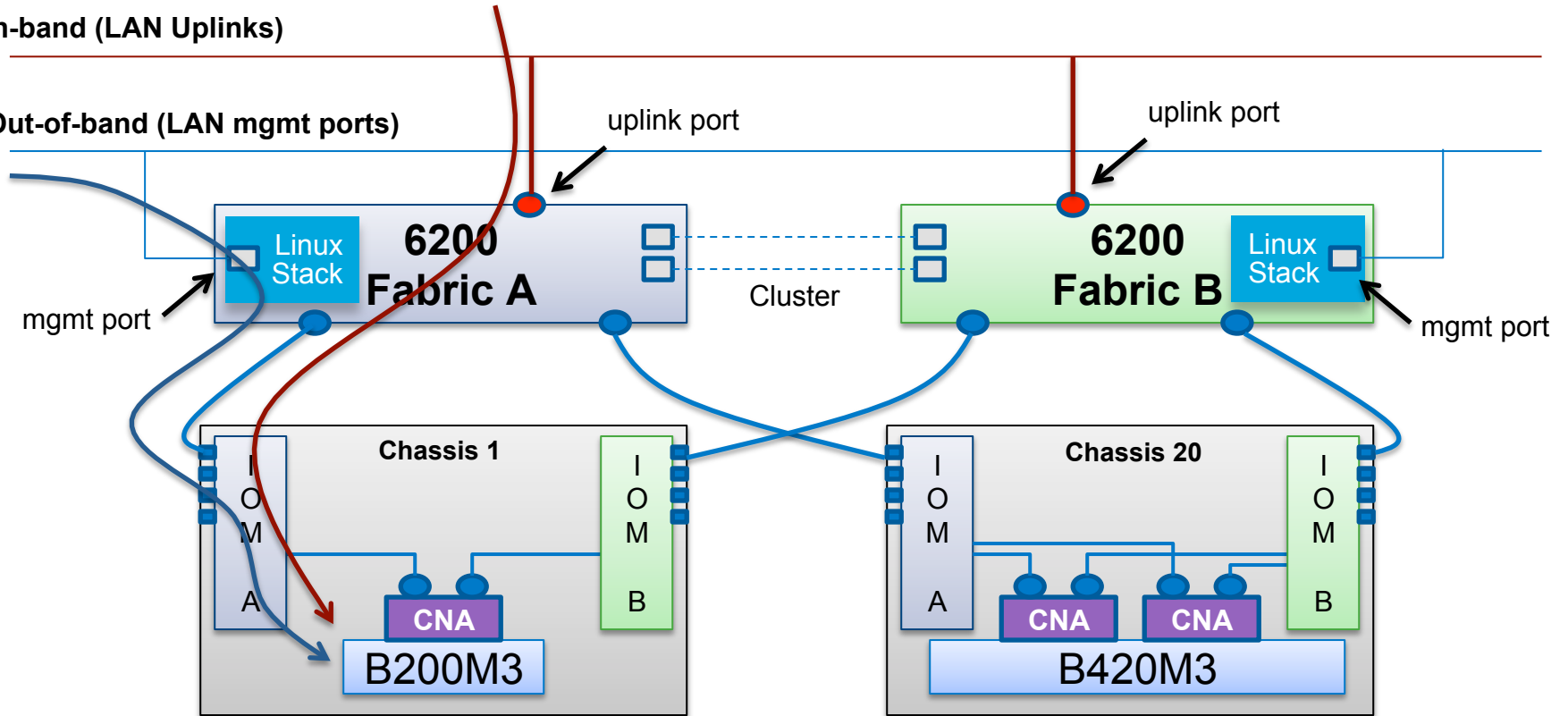
IPv6 Management



CIMC Access

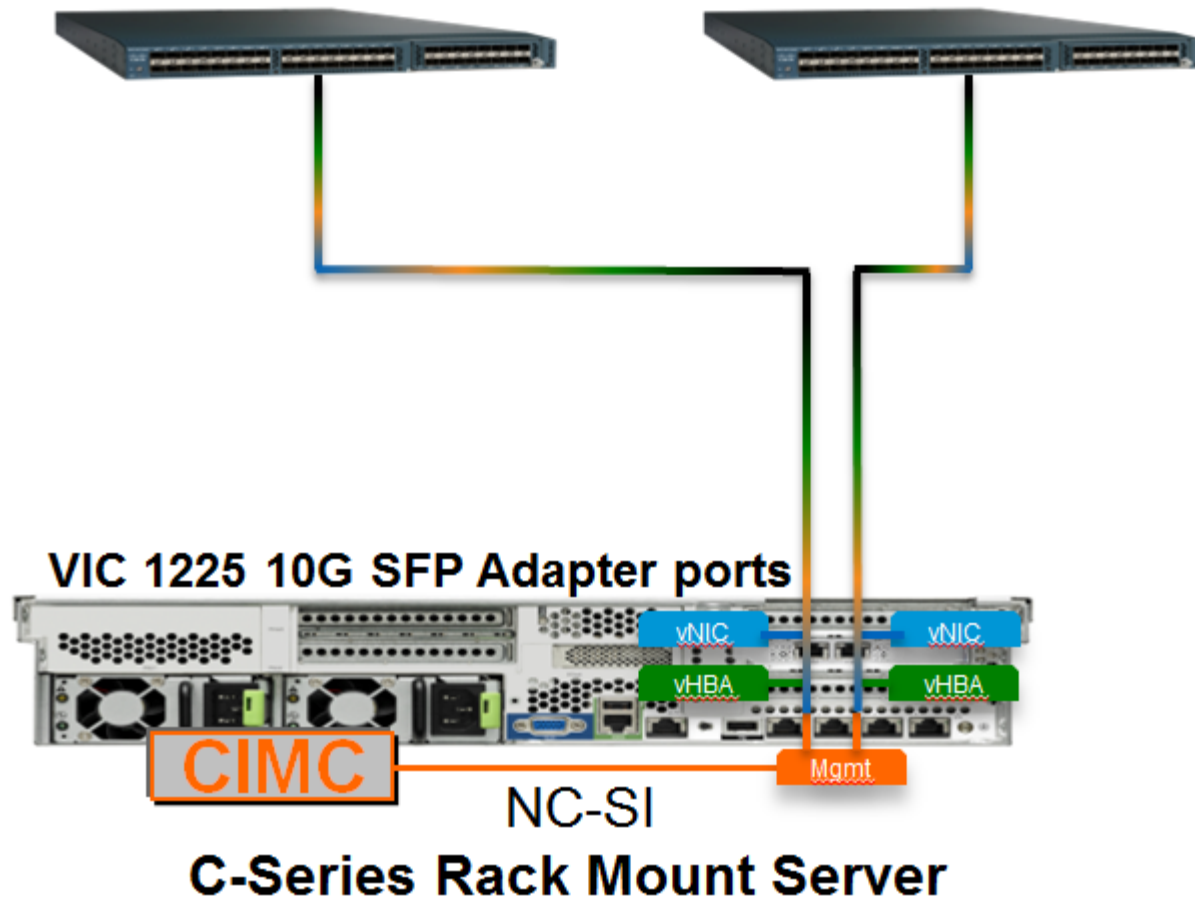
In-band (LAN Uplinks)

Out-of-band (LAN mgmt ports)



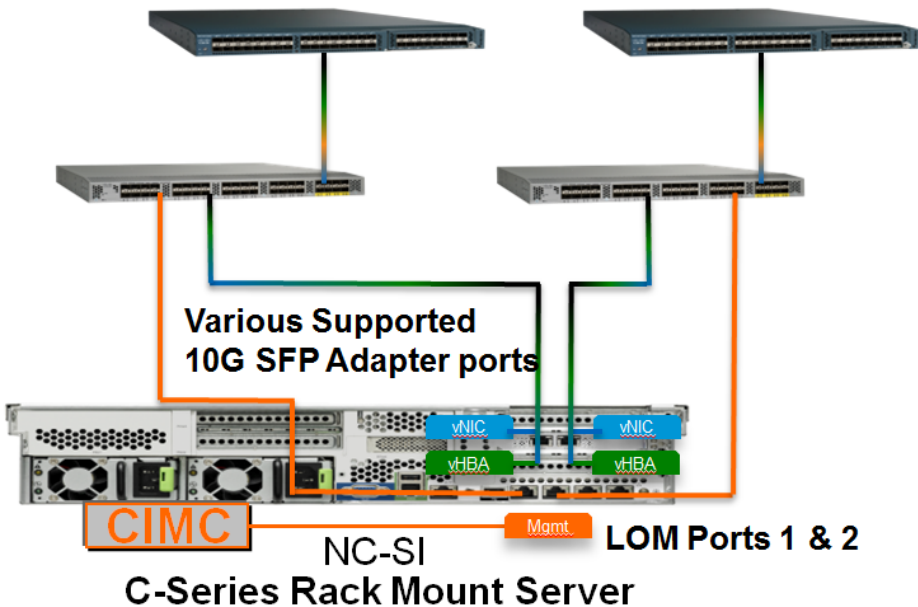
Direct Attach C-Series

UCSM 2.2 – Direct attach to Fabric Interconnect



Supported Topologies

UCSM 2.0(2) – Dual Wire / FEX



UCSM 2.1 – Single Wire / FEX

