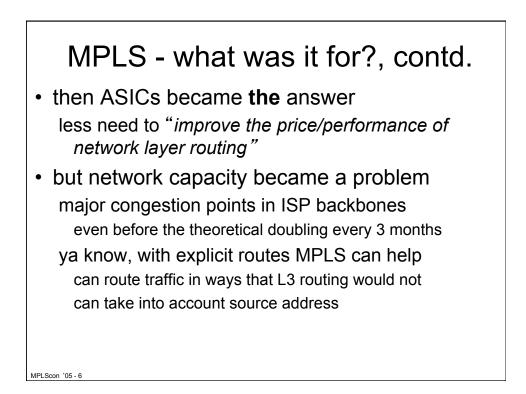
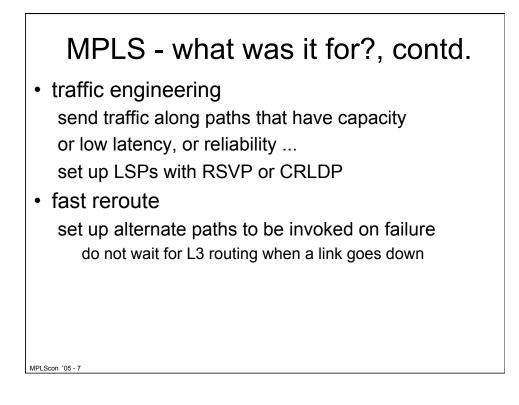
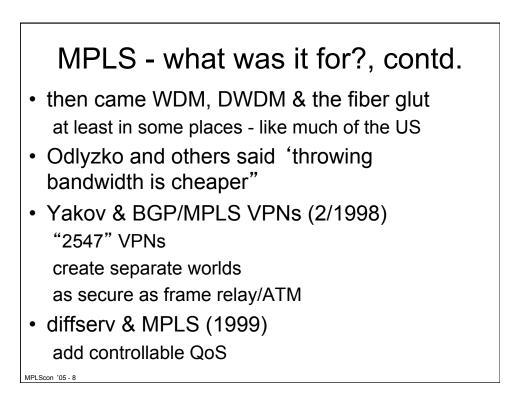


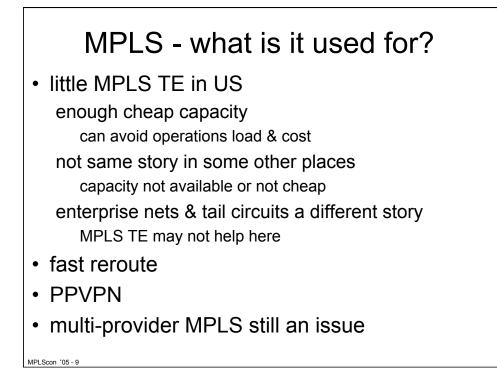
MPLS - what was it for?, contd. traffic engineering came later VPNs came later controllable QoS came later

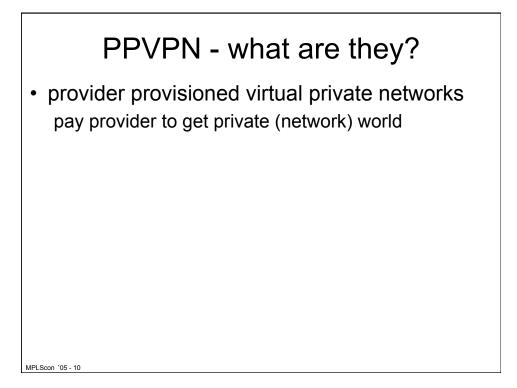
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PPVPN - why?

- logical isolation of address space
- logical isolation of routing domain
- logical isolation of traffic (could also encrypt)
- moral equivalent of frame relay or ATM VPN
- · something to buy rather than build
- outsource management of WAN services
- · someone to point at

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Internet - what is it?

- IP as a Common Bearer Service
- over existing networks original "Fundamental Goal" of IP protocols
- · many types of networks
- local management
- · thousands of ISPs
- network does not determine applications can be run

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