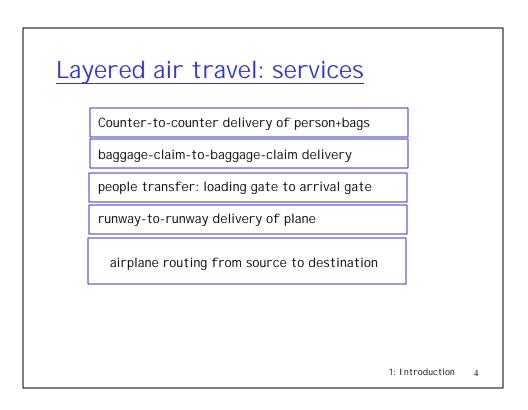
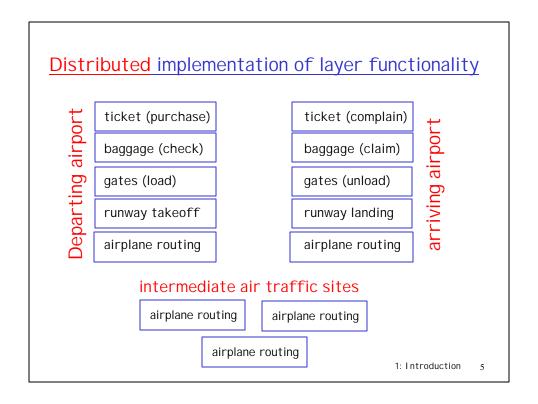
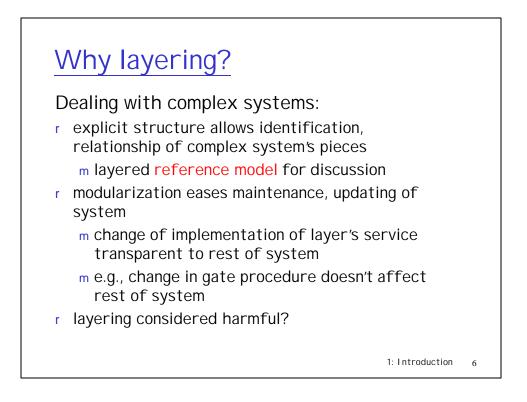
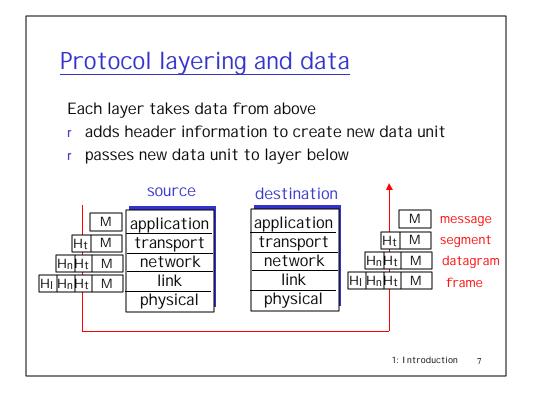


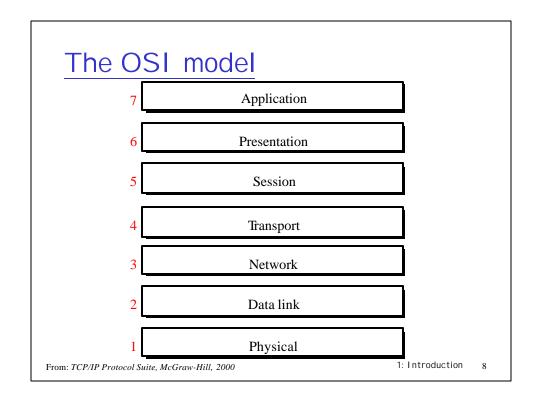
Organization of air	Travel : a different view	
ticket (purchase)	ticket (complain)	
baggage (check)	baggage (claim)	
gates (load)	gates (unload)	
runway takeoff	runway landing	
airplane routing	airplane routing	
airplane	routing	
Layers: each layer impleme	nts a service	
m via its own internal-la	yer actions	
m relying on services pr	ovided by layer below	
	1: Introduction	3

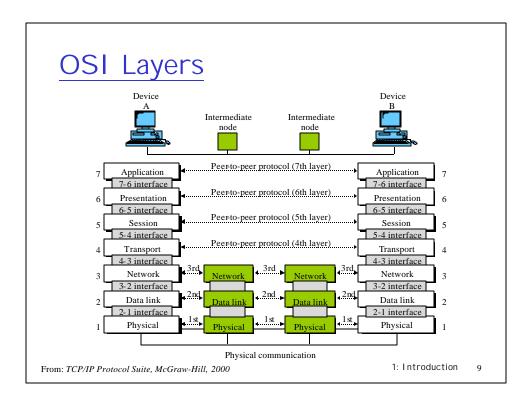


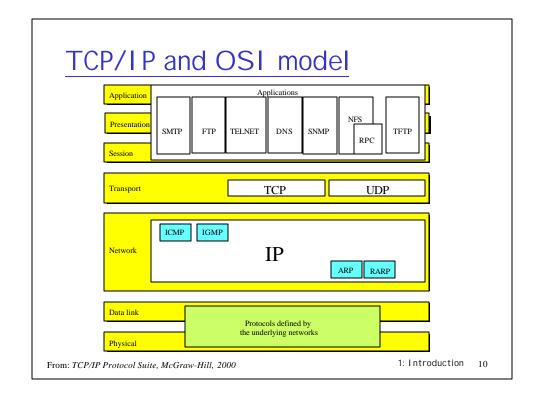


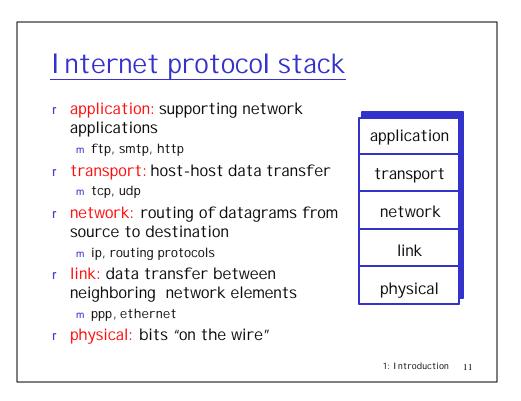


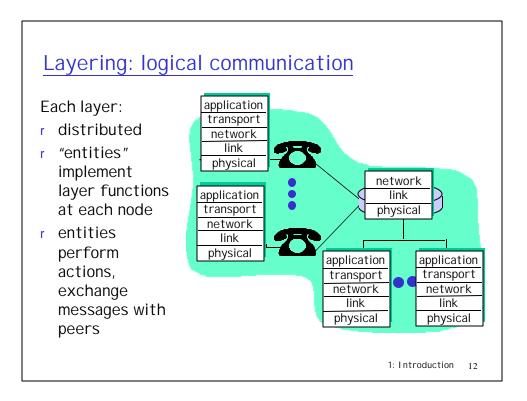


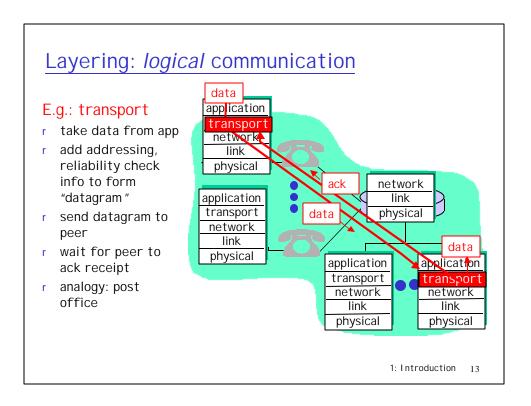


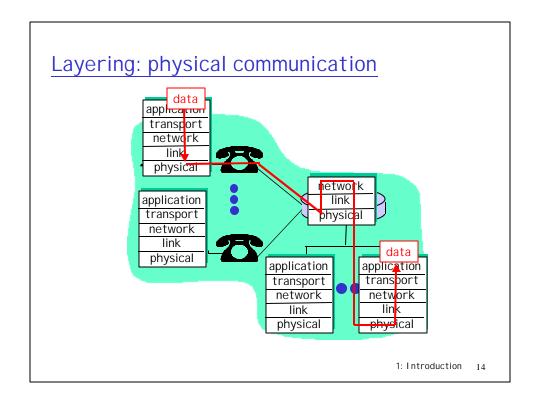


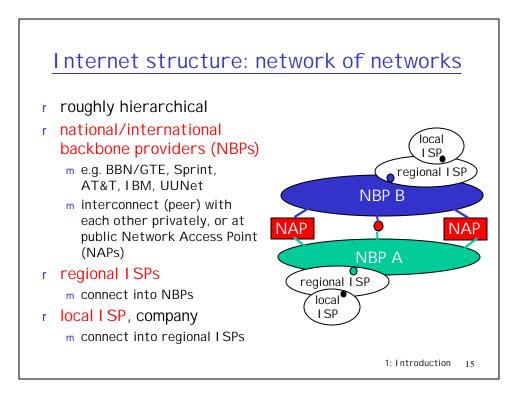


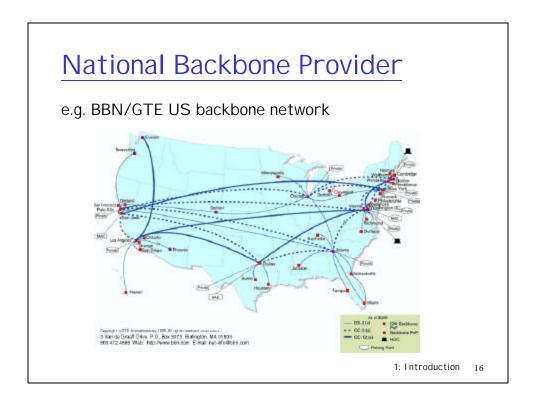


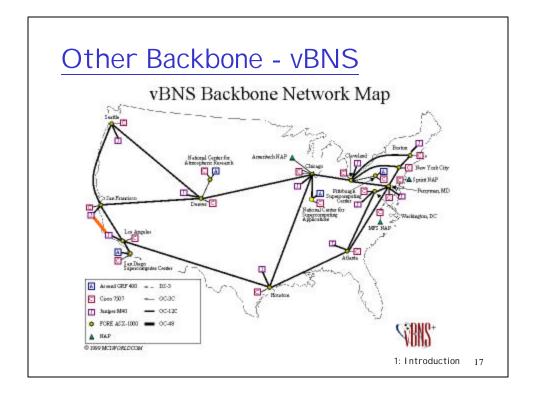


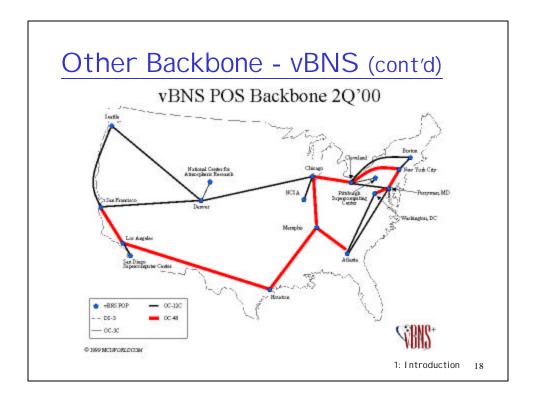


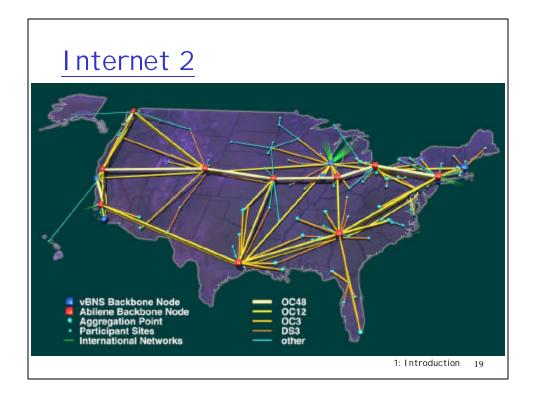


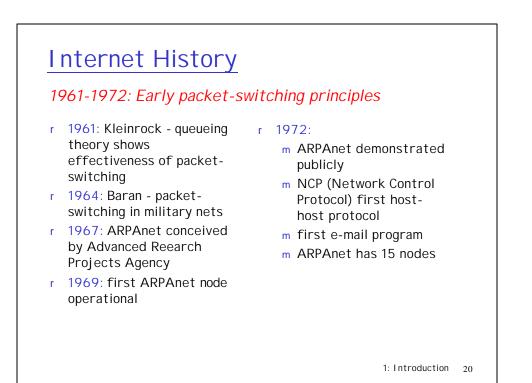


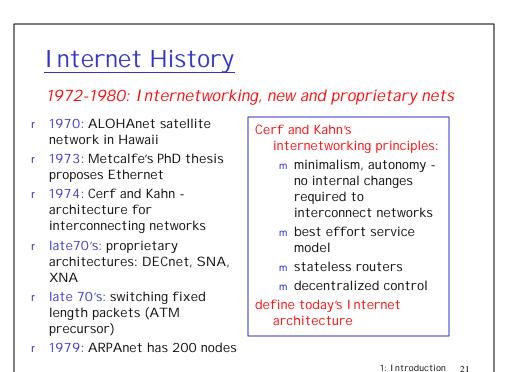




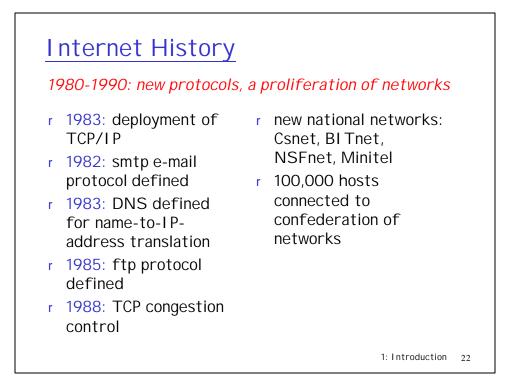


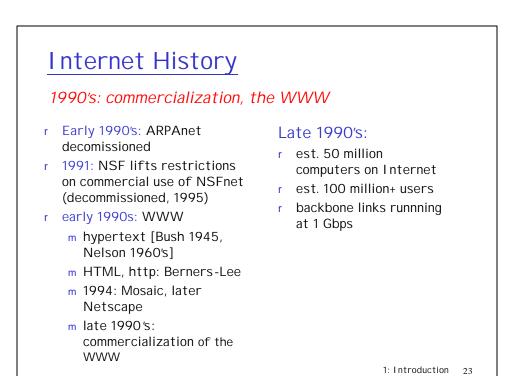






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ATM: Asynchronous Transfer Mode nets Internet: ATM principles: small (48 byte payload, 5 r r today's de facto byte header) fixed length standard for global cells (like packets) data networking m fast switching 1980's: m small size good for voice r telco's develop ATM: r virtual-circuit network: switches maintain state for competing network each "call" standard for carrying r well-defined interface high-speed voice/data between "network" and r standards bodies: "user" (think of telephone m ATM Forum company) m ITU 1: Introduction 24

