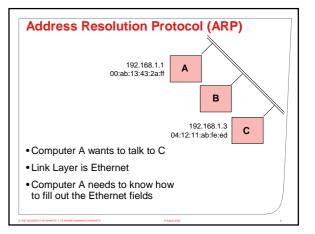
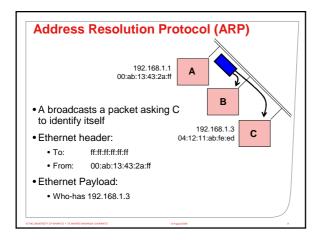
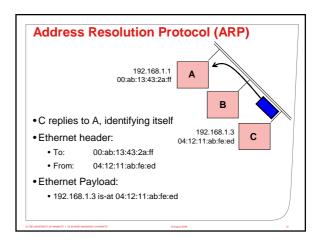


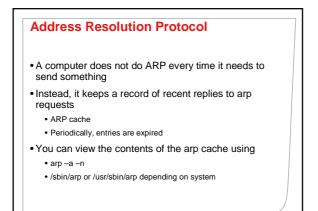
IP over Ethernet

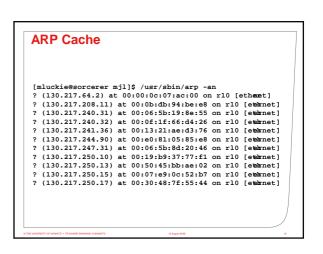
- The operating system needs to find out what destination Ethernet MAC address should be used when sending an IP packet
- Do this using the Address Resolution Protocol (ARP)

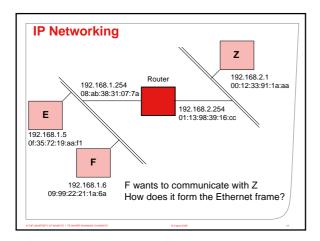




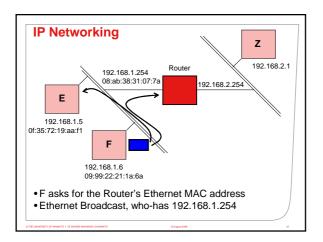


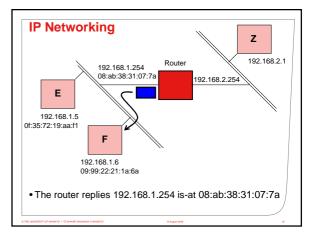


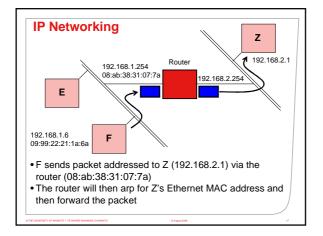


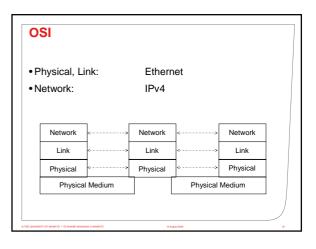


Physical, Link:	Etherr	net		
Network:	IPv4			
Network Link	INCLINIT	«>	Network Link	
Physical	Physical	«	Physical	
Physical Medium		Physical Medium		
				1









Summary

- ARP maps IP addresses to Ethernet MAC addresses
- ARP tables are dynamically managed
- ARP tables are scoped to a single Ethernet bus