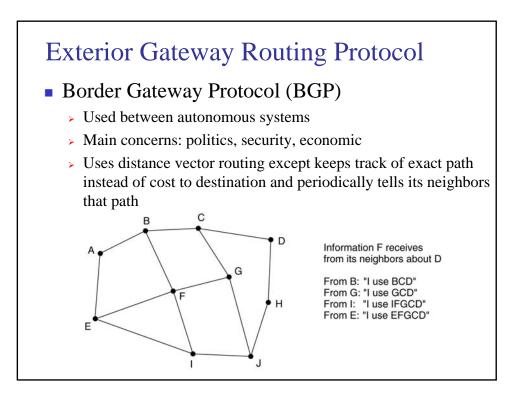
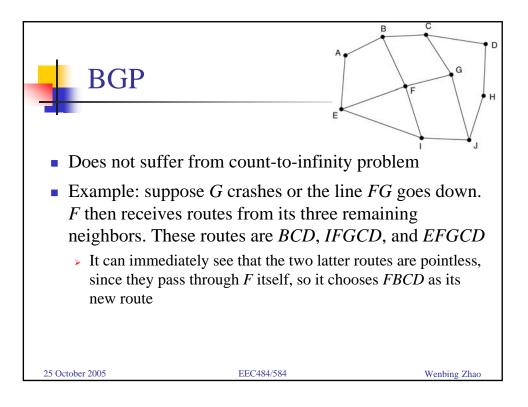
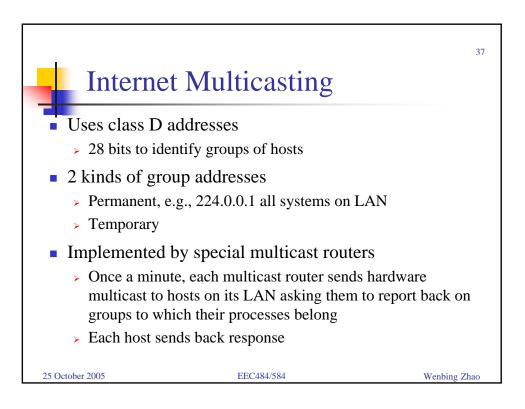
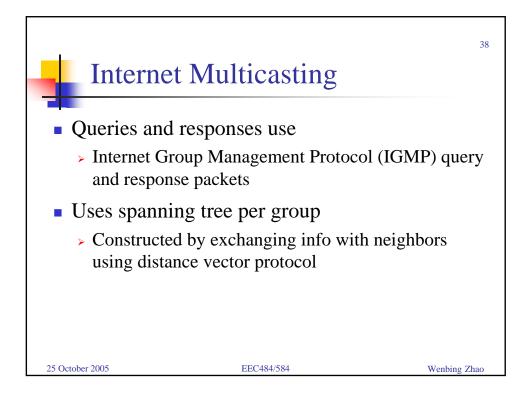


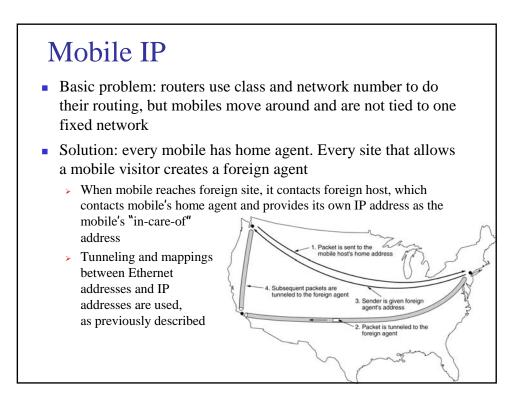
The five types	of OSPF messages
Message type	Description
Hello	Used to discover who the neighbors are
Link state update	Provides the sender's costs to its neighbors
Link state ack	Acknowledges link state update
Database description	Announces which updates the sender has
Link state request	Requests information from the partner

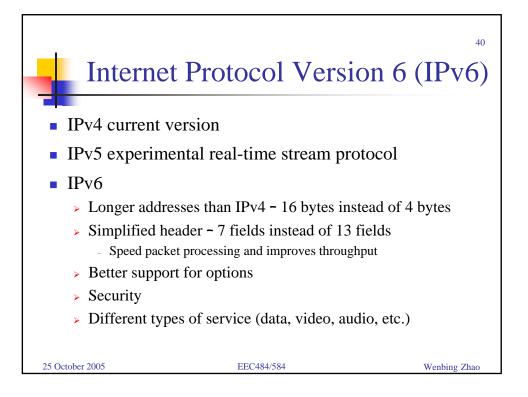












Version Traffic class	Flow label	
Payload length	Next header	Hop limit
-	Source address (16 bytes)	
- _ Di	estination address (16 bytes)	

The Main IPv6 Header

- Version 6
- Priority
 - > 0-7 slow down in event of congestion
 - 8-15 real-time traffic
- Flow label allows source and destination to set up pseudo-connection with particular properties and requirements
- Payload length (as opposed to total length in IPv4)
- Next header additional optional extension header
- Hop limit (time to live in IPv4)
- Source/destination address 128 bits (32 bits in IPv4)

Extension header	Description	
Hop-by-hop options	Miscellaneous information for routers	
Destination options	Additional information for the destination	۱
Routing	Loose list of routers to visit	
Fragmentation	Management of datagram fragments	
Authentication	Verification of the sender's identity	
Encrypted security payload	Information about the encrypted conten	s
5 October 2005	EEC484/584 Wenl	oing Z

