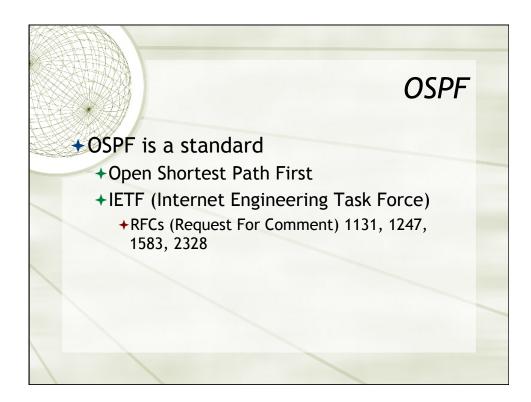
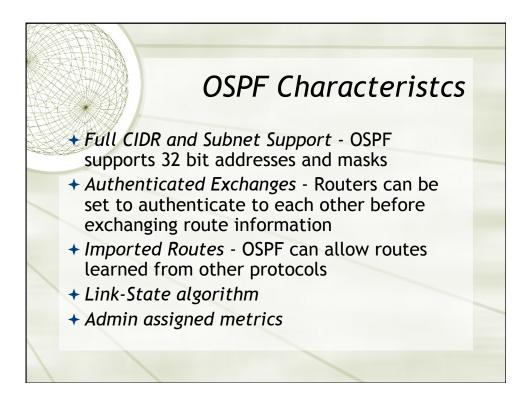


Border Gateway Protocol (BGP) Characteristics

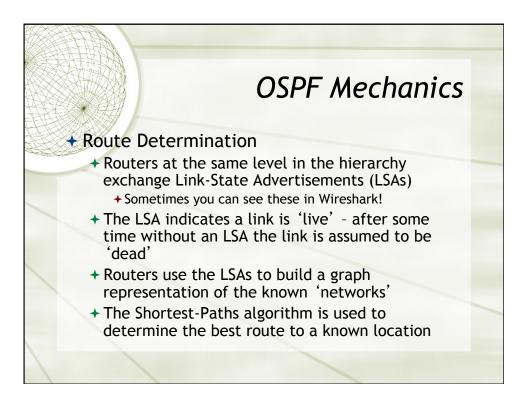
+ Routing among Autonomous Systems

- Policy Enforcement either sender or receiver can enforce policy. A manager could set BGP to restrict route advertisements to limited other networks
- Transit Routing BGP allows networks to specify if they will (or won't) pass traffic to other networks
- + *Reliable Transport* BGP uses TCP for communication of route information

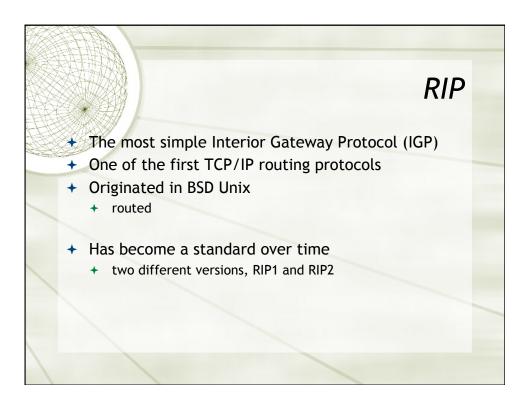


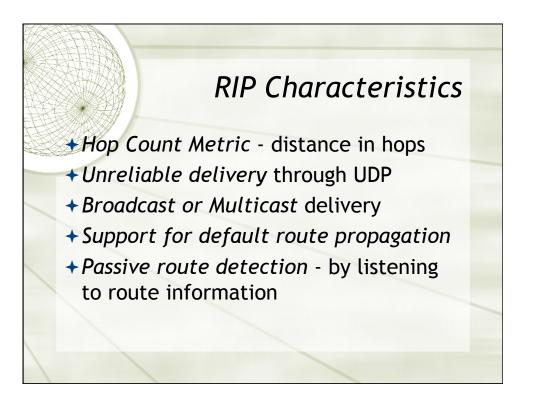


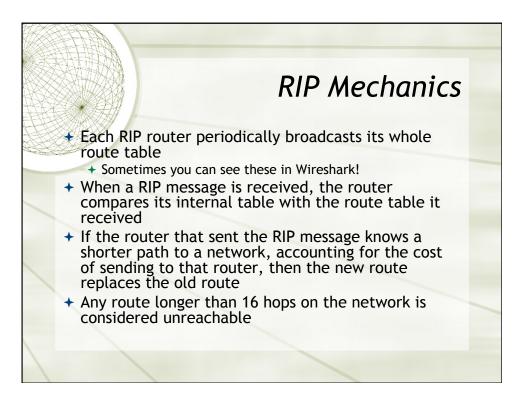












RIP Packet Format		
COMMAND (1-5) VERSION (2) FAMILY OF NET 1 IP ADDRES SUBNET MAS NEXT HOP	K FOR NET 1 FOR NET 1	
DISTANCE TO NET 1 FAMILY OF NET 2 IP ADDRESS OF NET 2 SUBNET MASK FOR NET 2 NEXT HOP FOR NET 2 DISTANCE TO NET 2		

