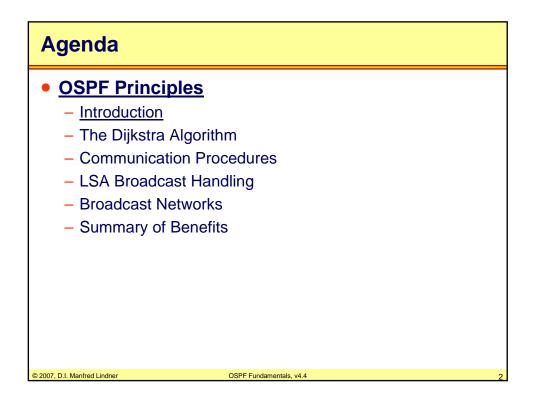
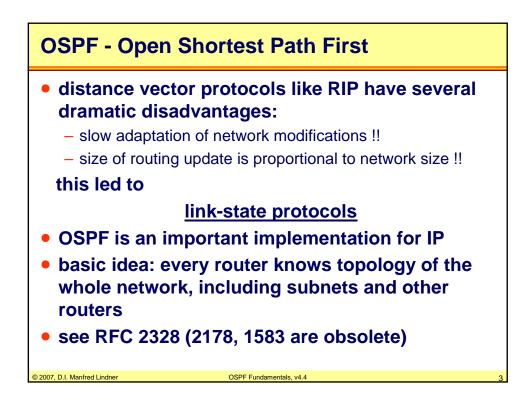
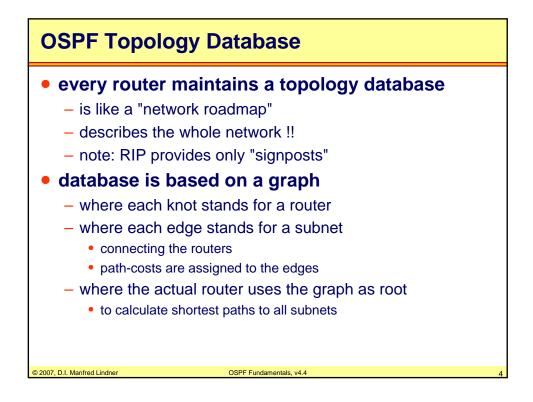
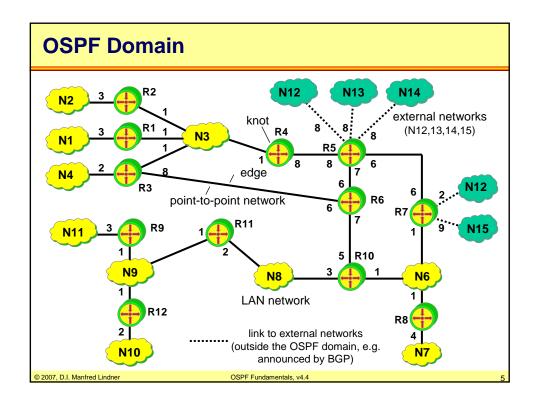
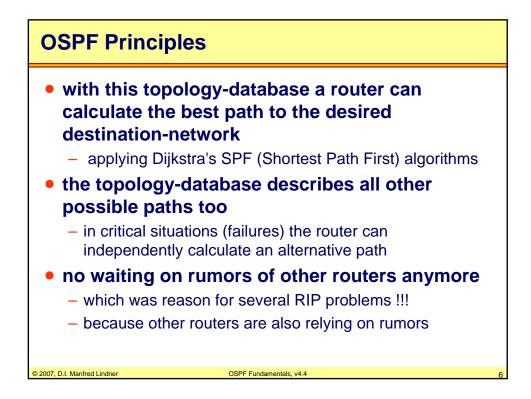
OSPF Fundamentals Open Shortest Path First Routing Protocol Internet's Second IGP

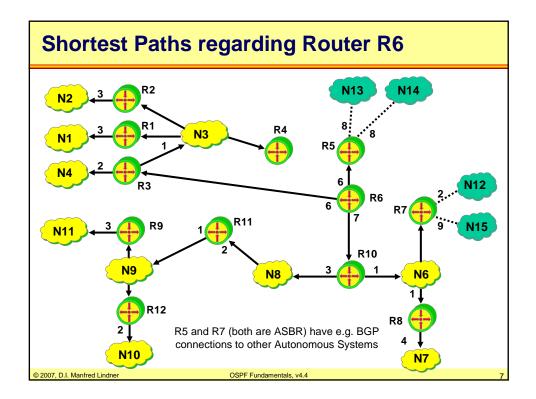


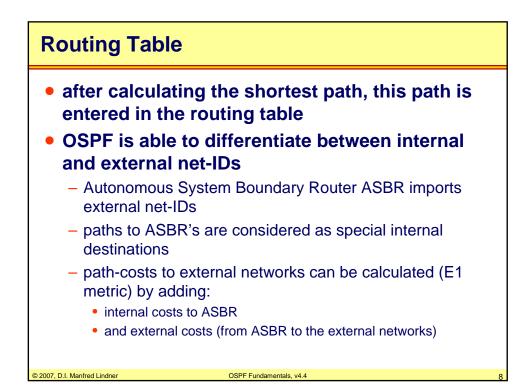






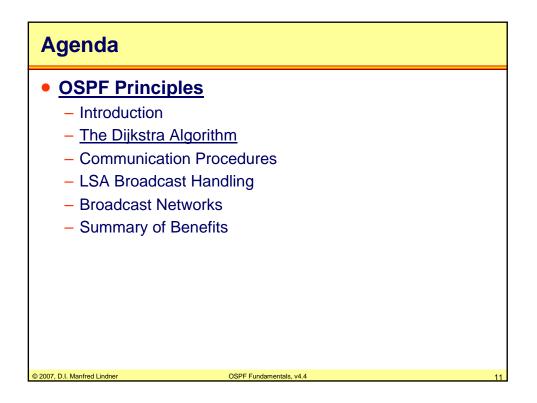


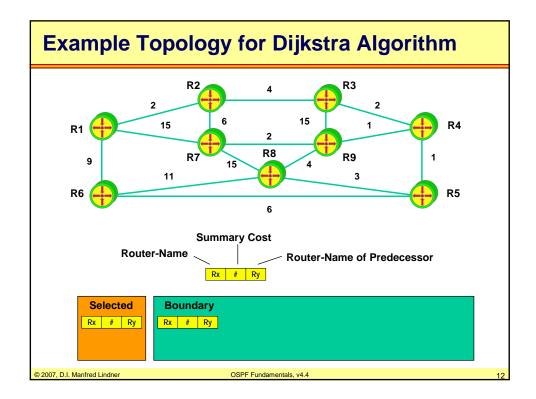


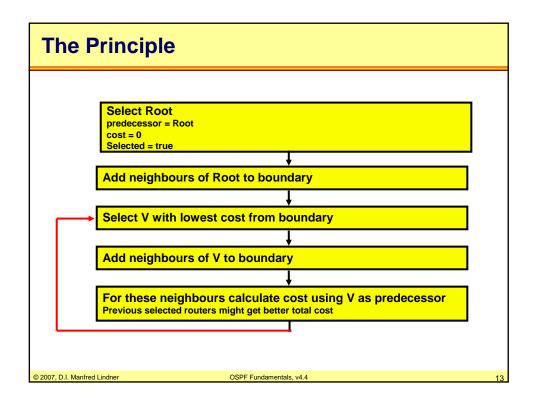


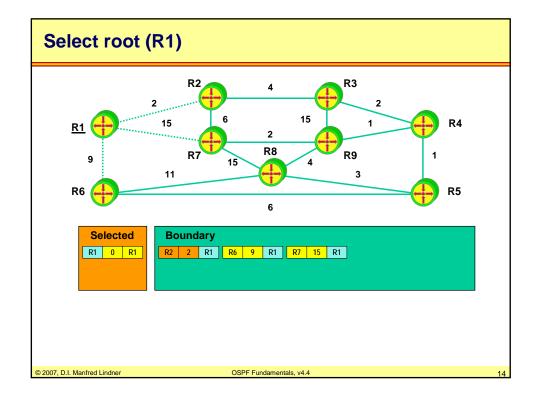
Routing Table	Router 6	
NET-ID	NEXT HOP	DISTANCE
N1 N2 N3 N4 N6 N7 N8 N9 N10 N11	R3 R3 R3 R10 R10 R10 R10 R10 R10 R10 R10	10 10 7 8 8 12 10 11 13 14
R5 R7	R5 R10	6 8
internal destinations of router 6; R5 and R7 are ASBR's		
© 2007, D.I. Manfred Lindner	OSPF Fundamentals, v4.4	9

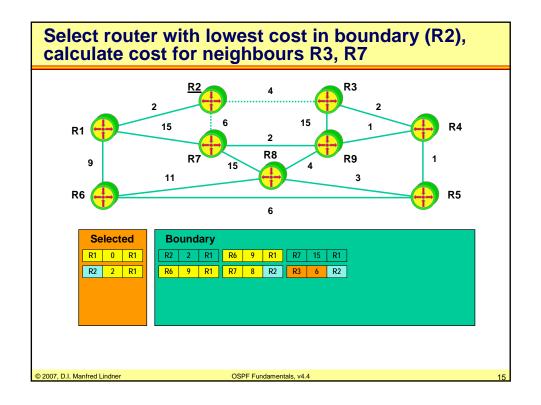
Routing Table Router 6			
NET-ID	NEXT HOP	DISTANCE	
N12 N13 N14 N15	R10 R5 R5 R10	10 14 14 17	
external destinations of router 6 assumption: ASBR R5 and R7 announce external networks (which have been noticed using e.g. BGP-4) via type 1 external link advertisements (E1 metric)			
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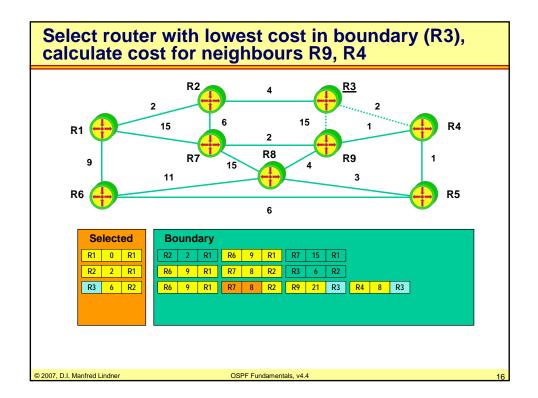


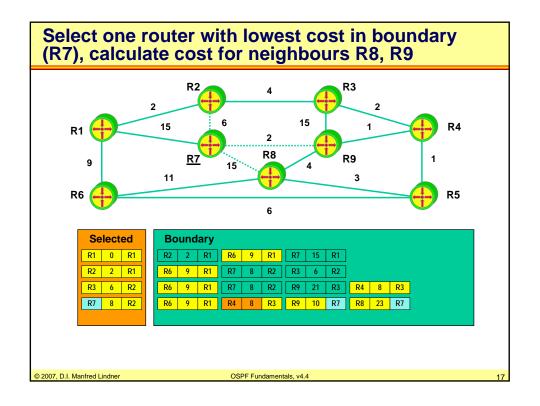


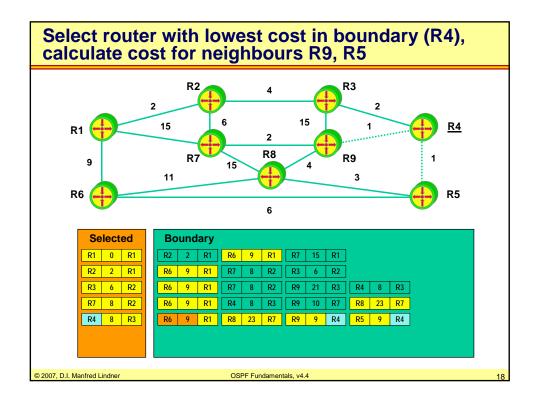


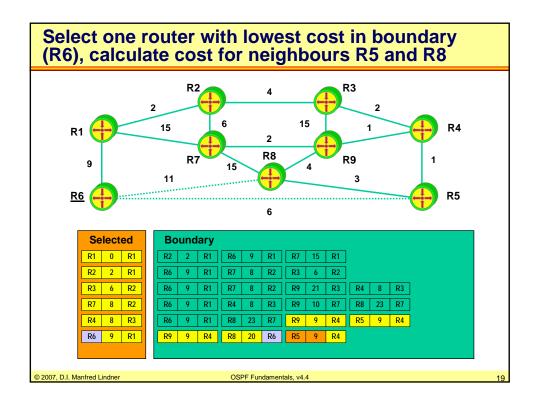


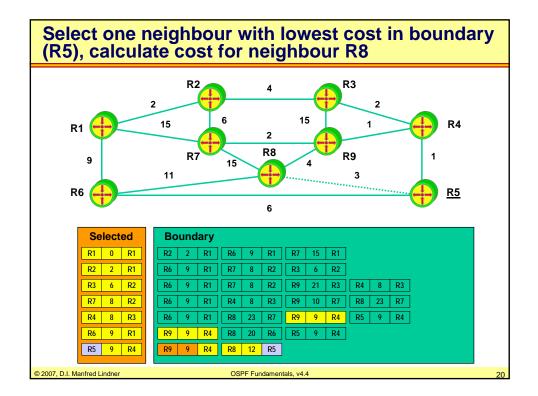


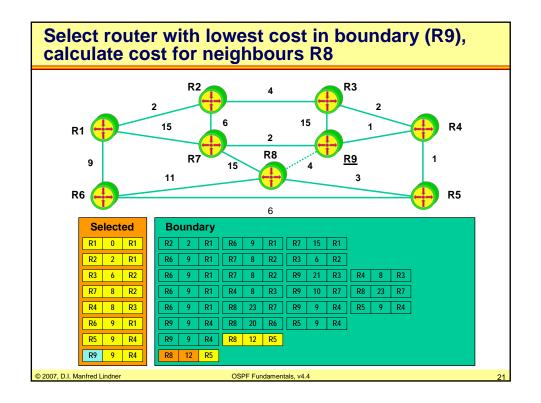


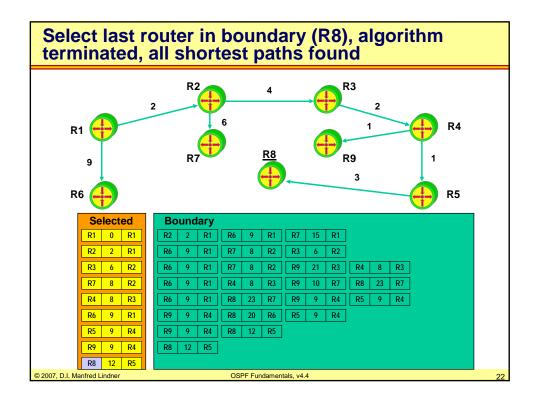


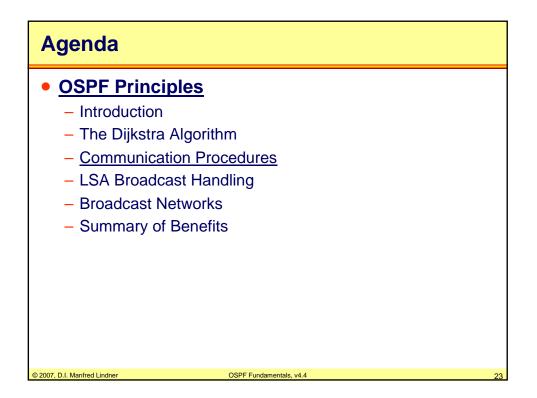


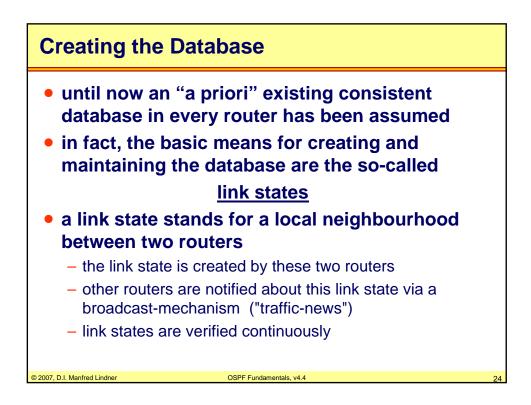


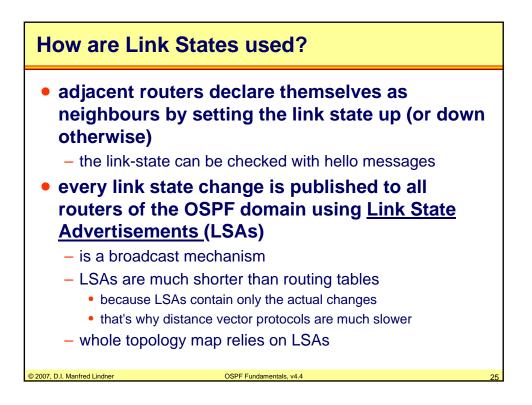


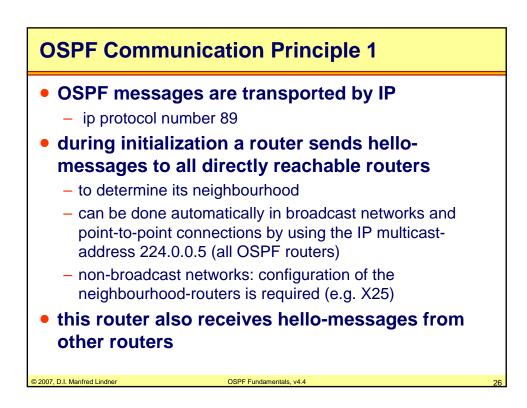


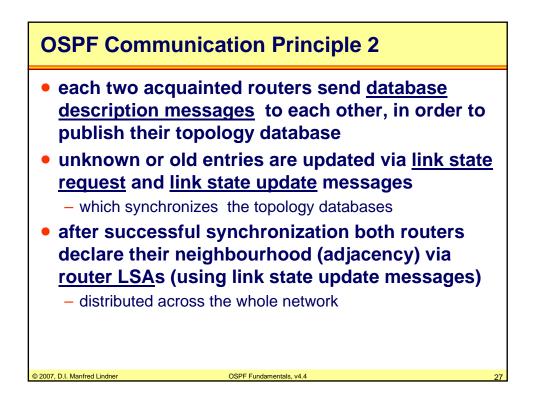


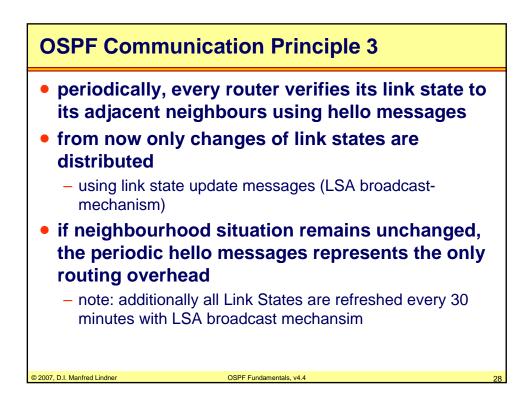


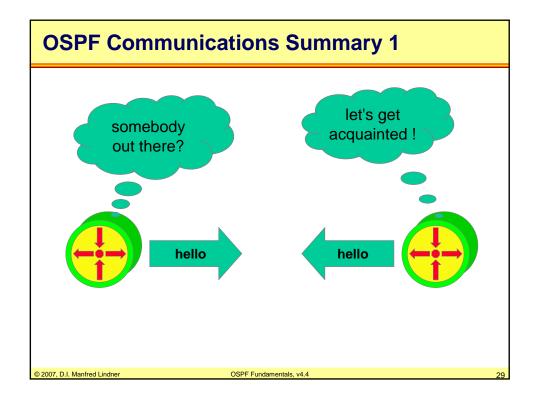


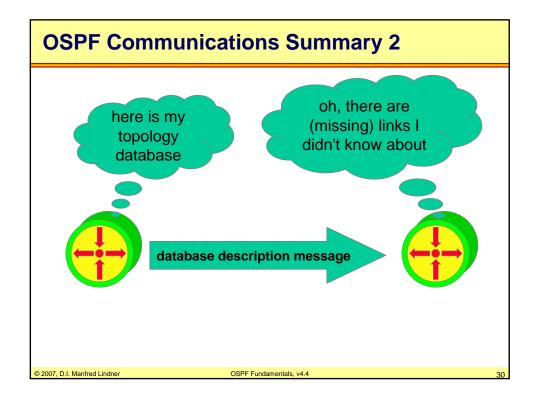


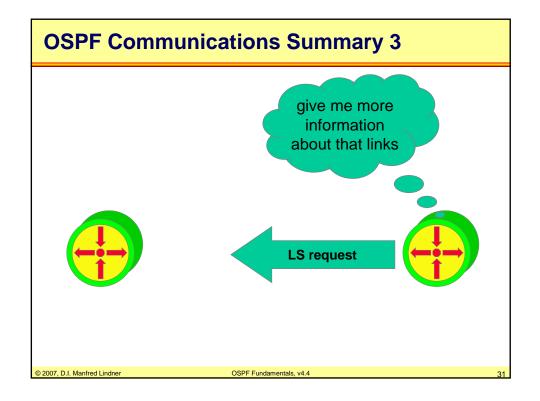


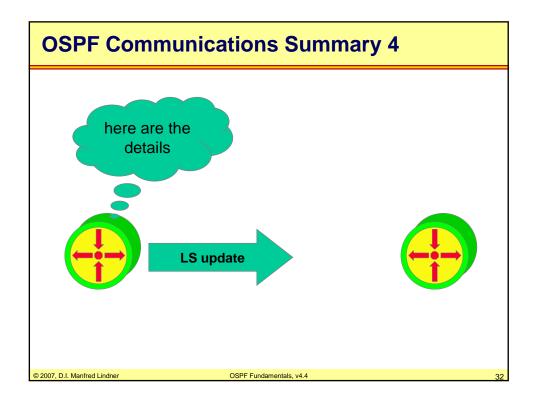


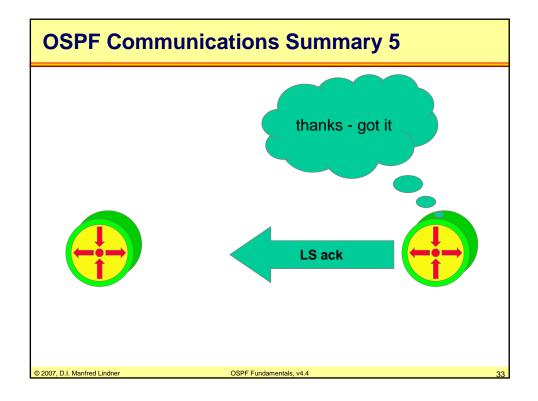


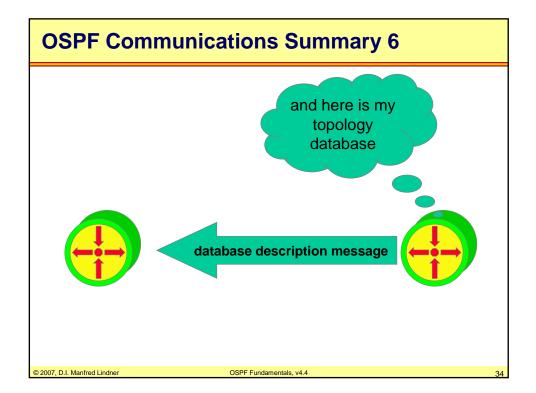


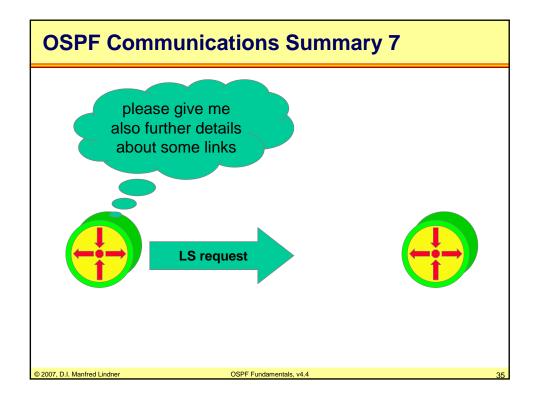


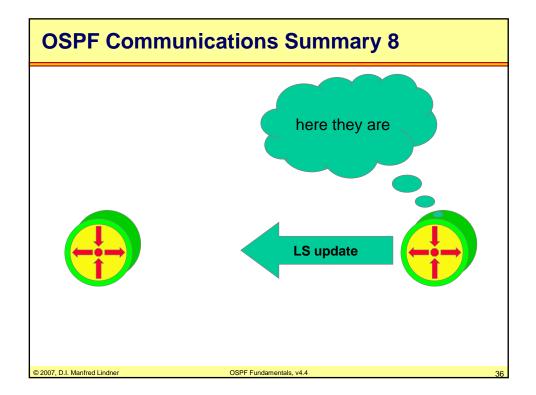


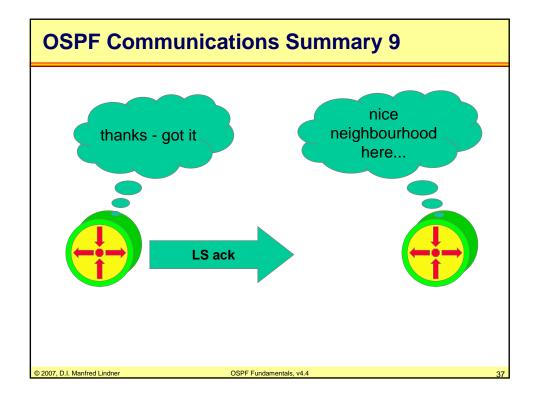


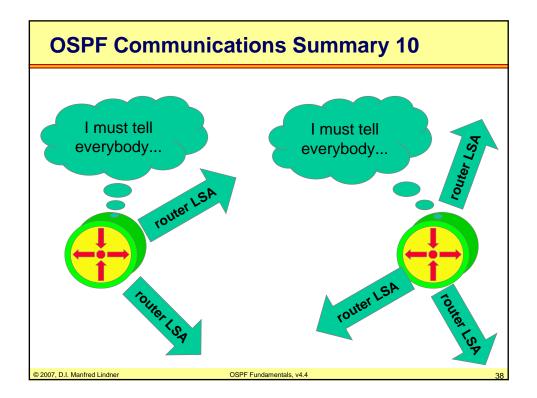


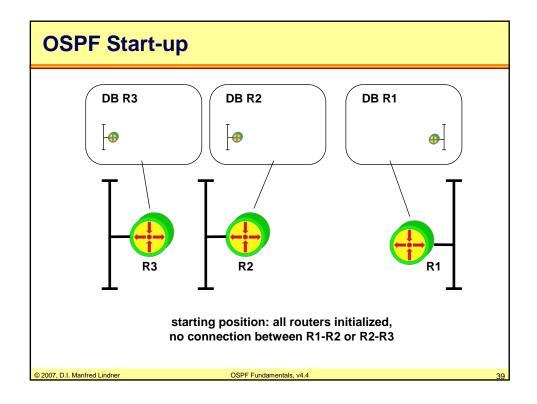


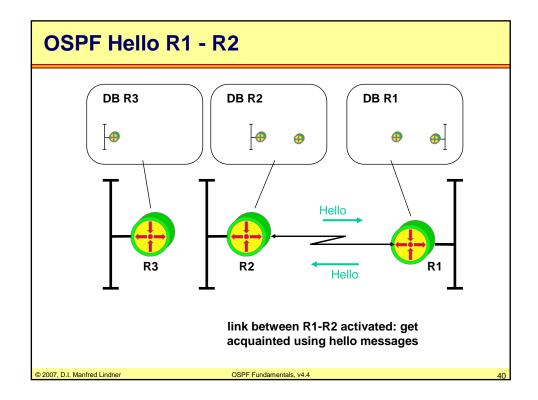


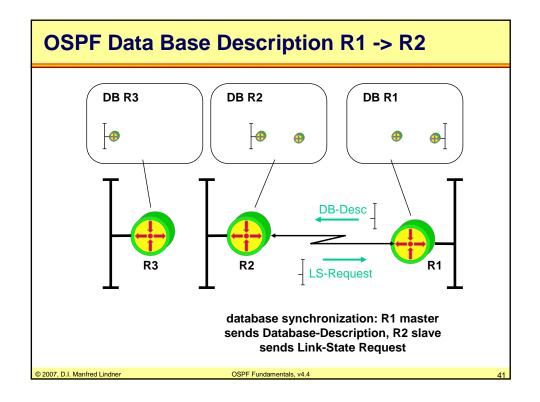


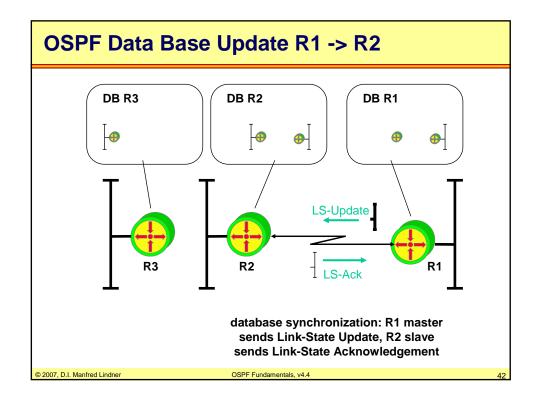


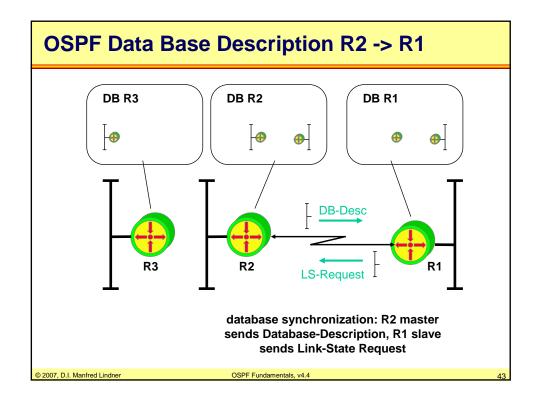


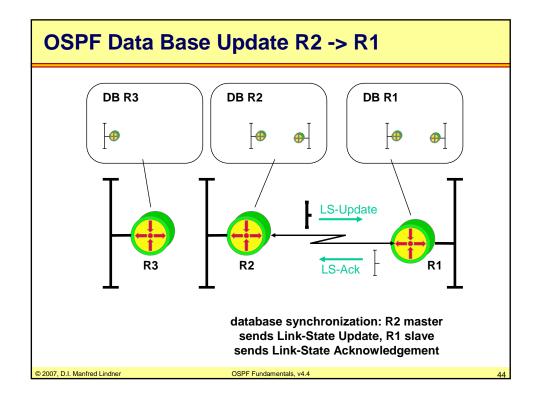


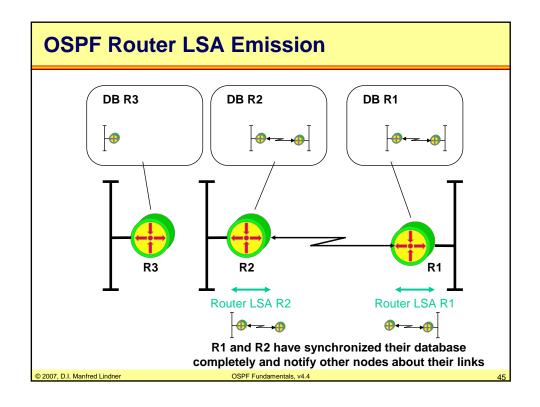


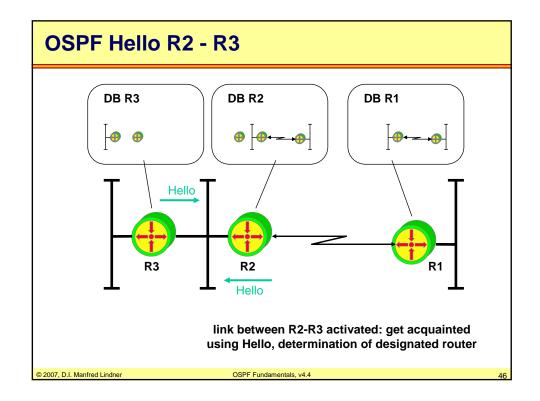


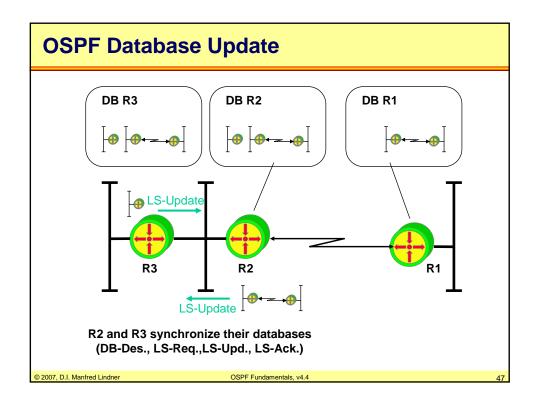


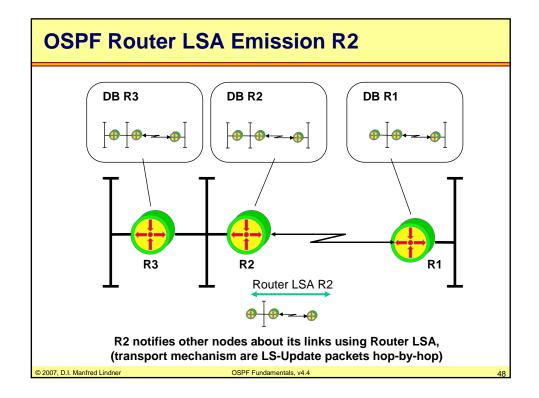


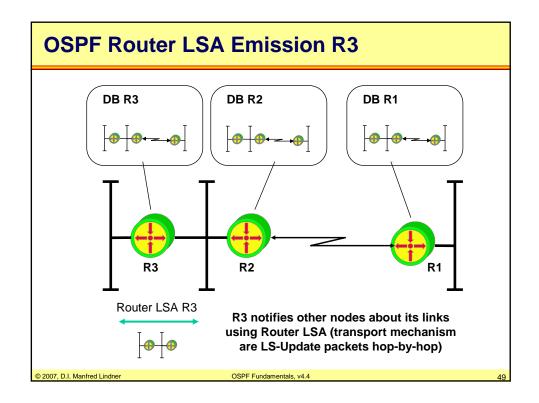


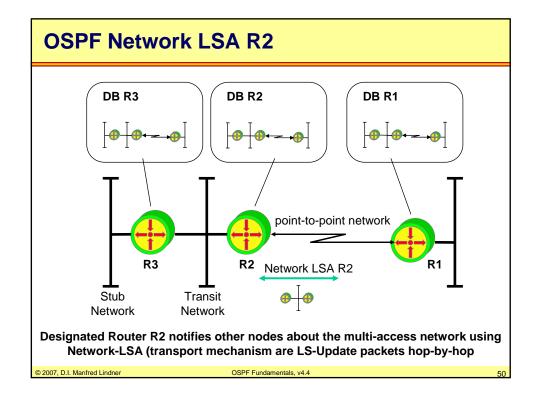


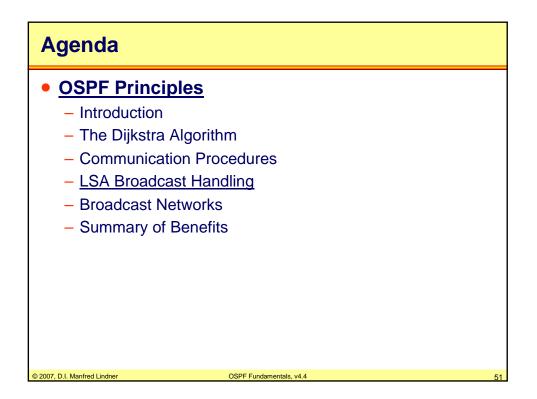


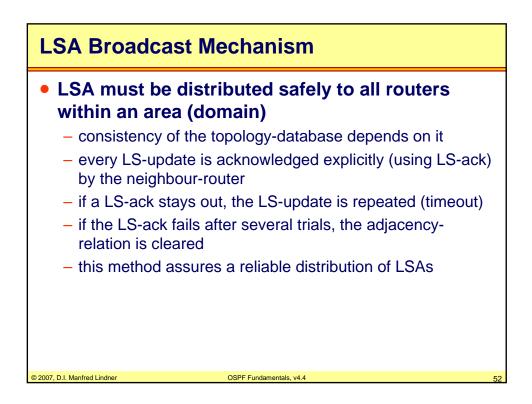


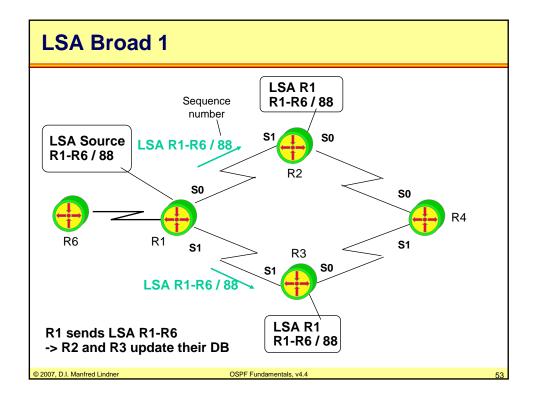


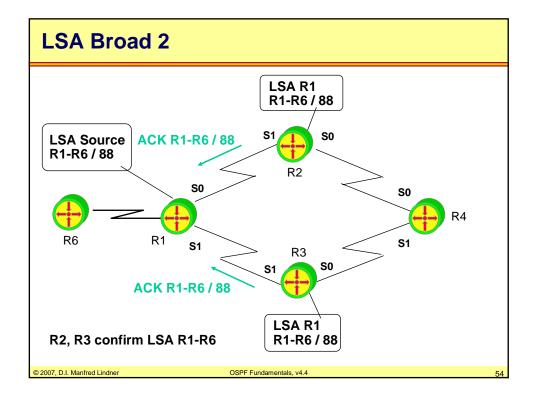


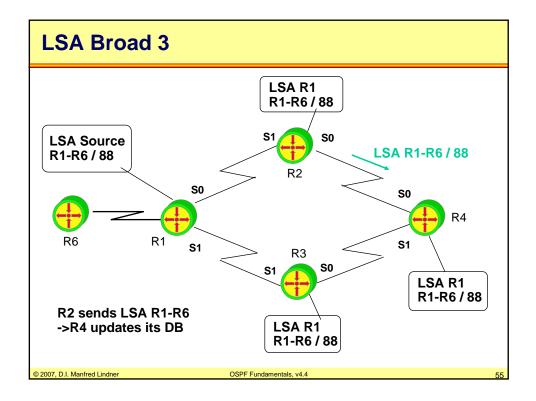


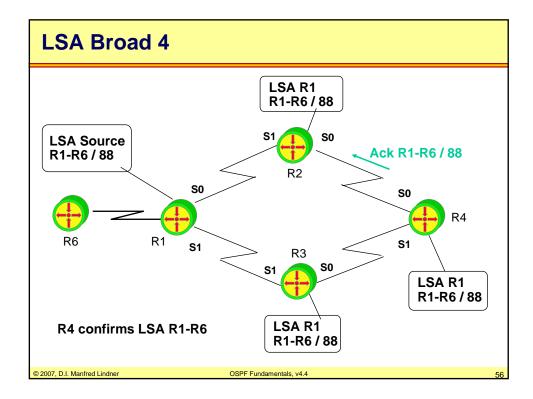


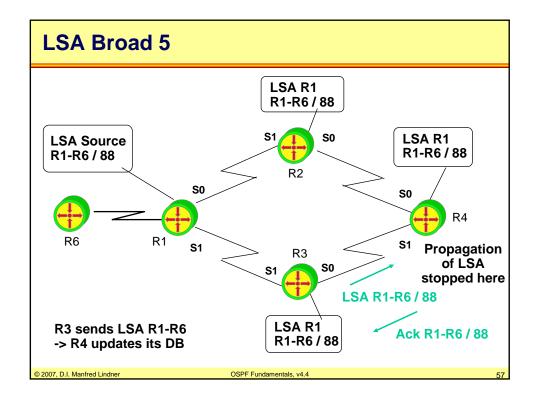


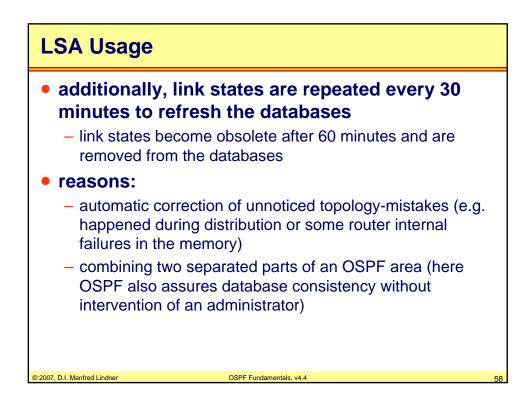


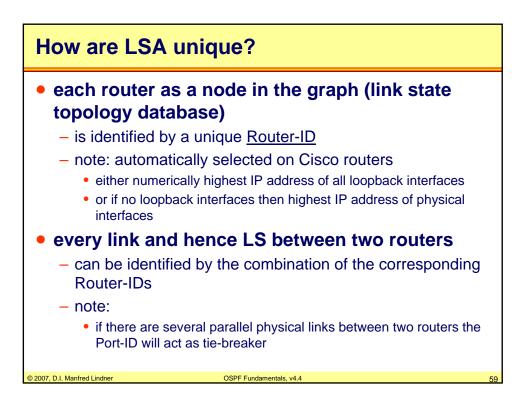




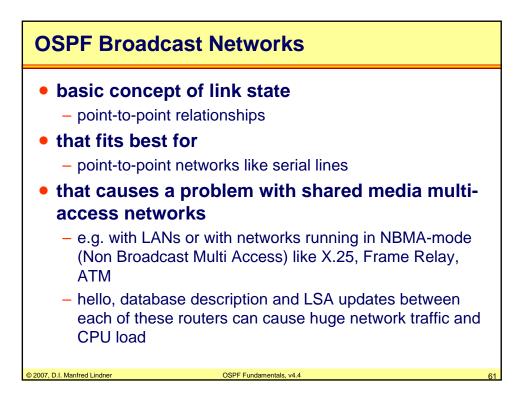


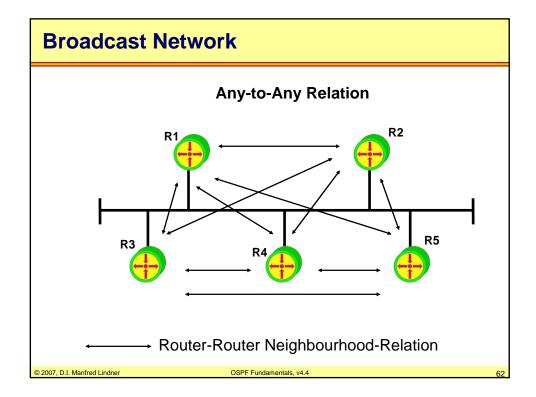


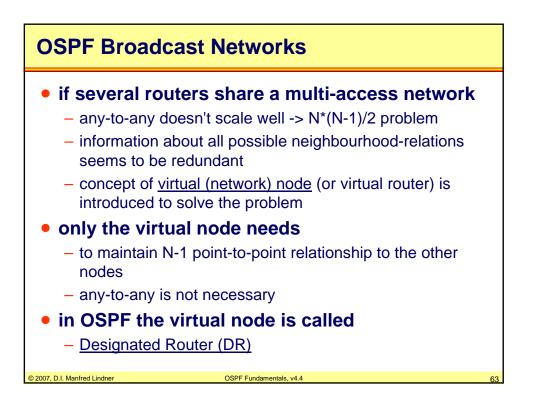


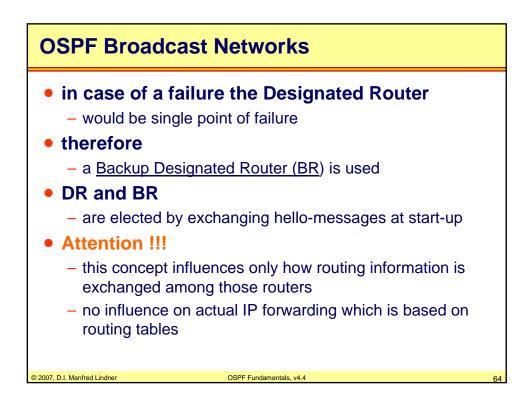


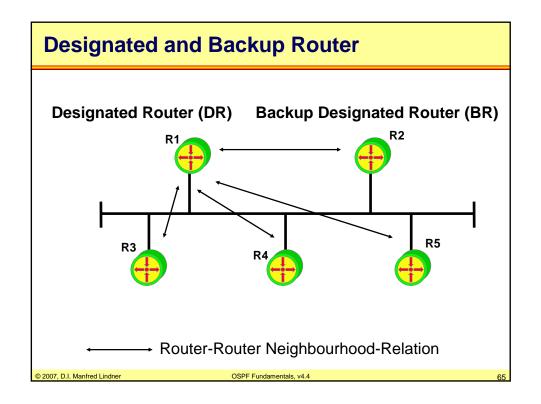
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 The Dijkstra Algorithm
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 LSA Broadcast Handling
 Broadcast Networks
 Summary of Benefits
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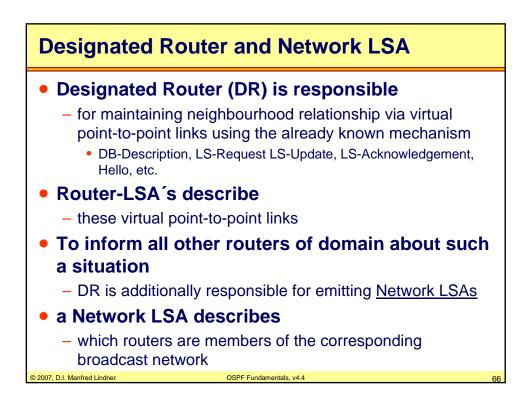


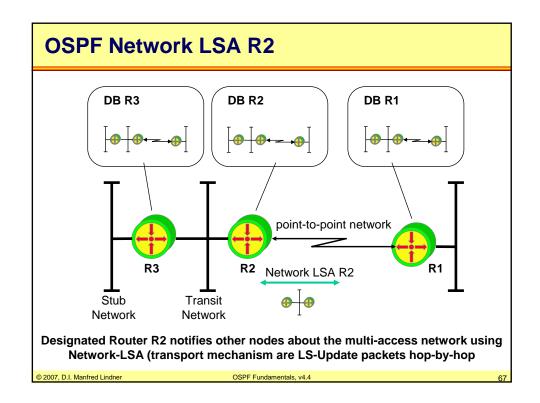


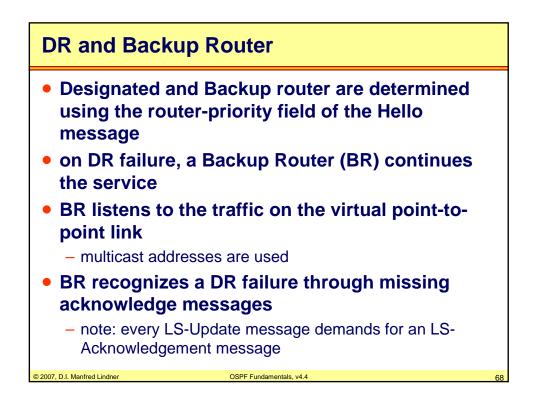


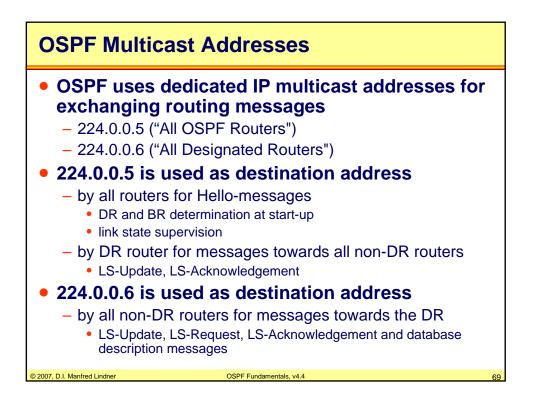












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