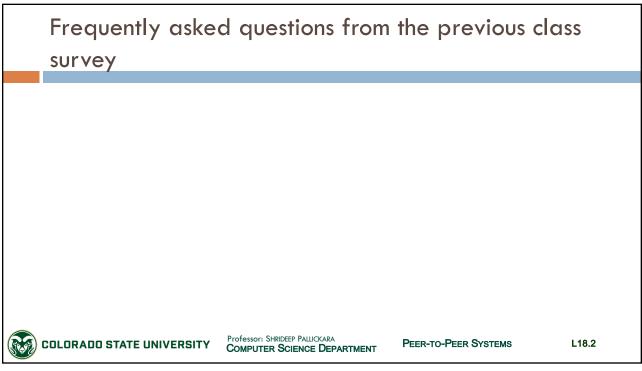
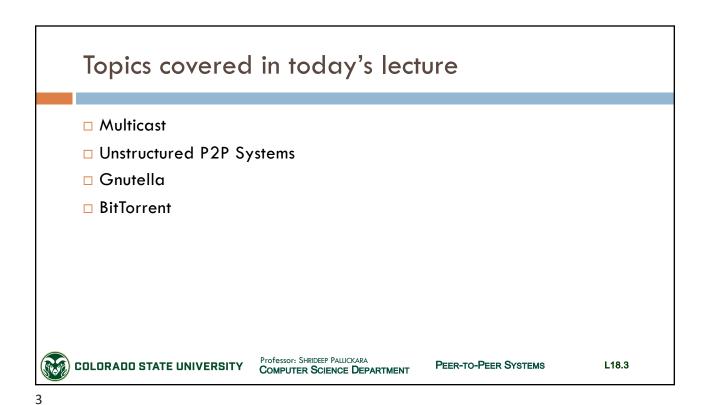


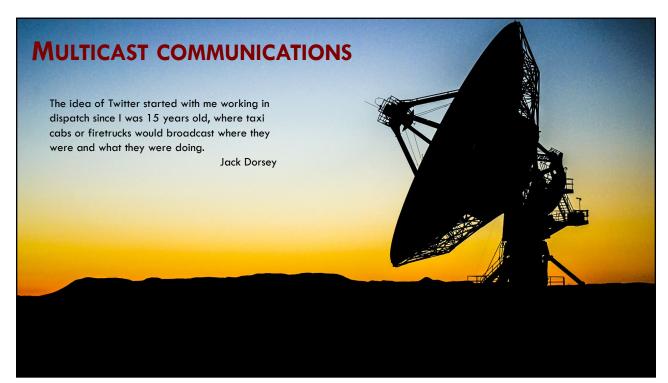
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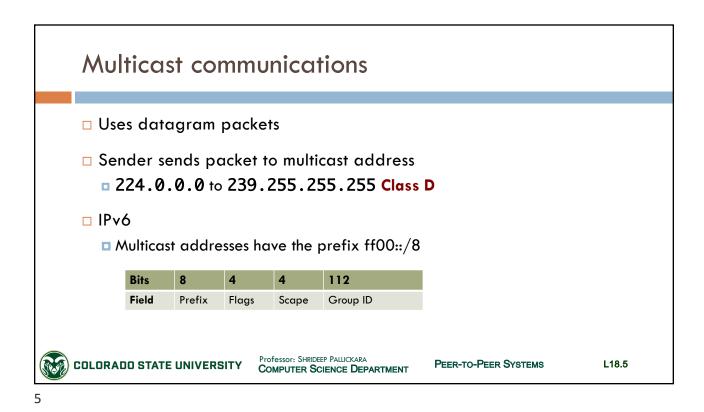


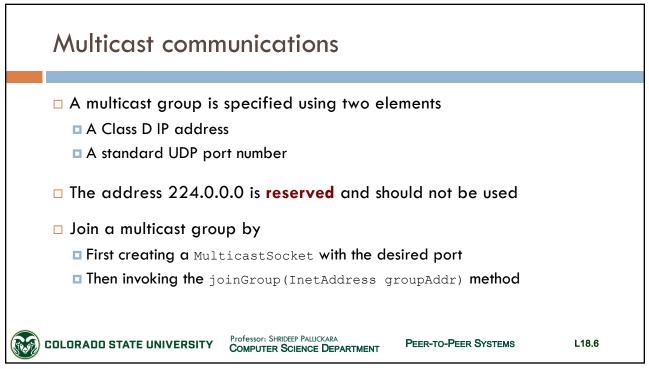
CSx55: Distributed Systems

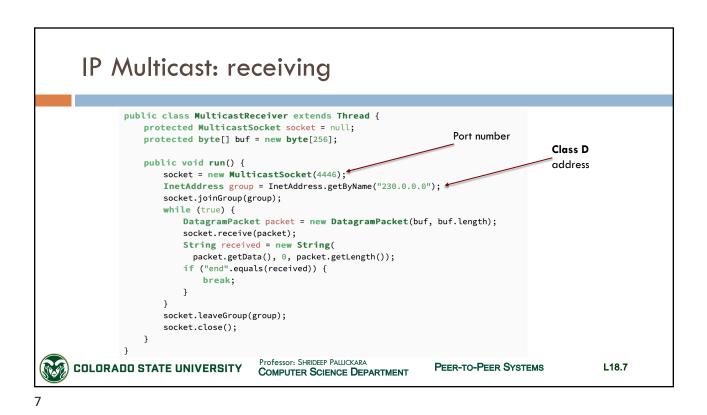
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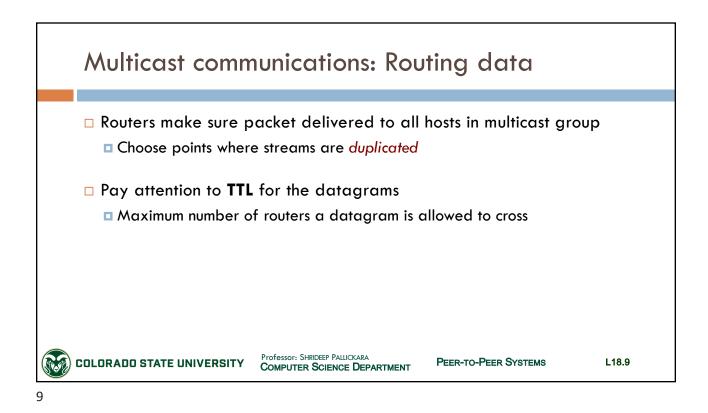


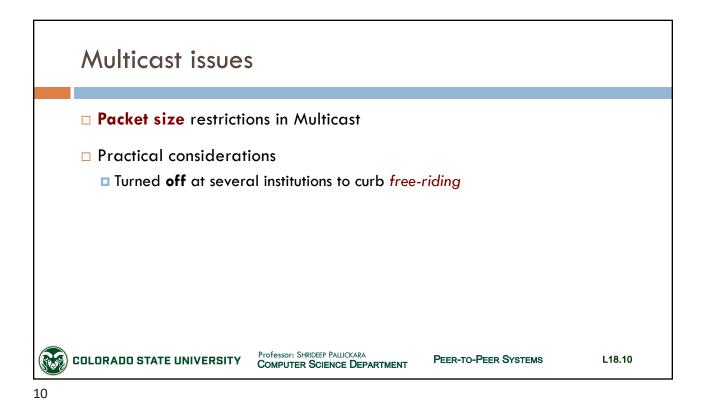




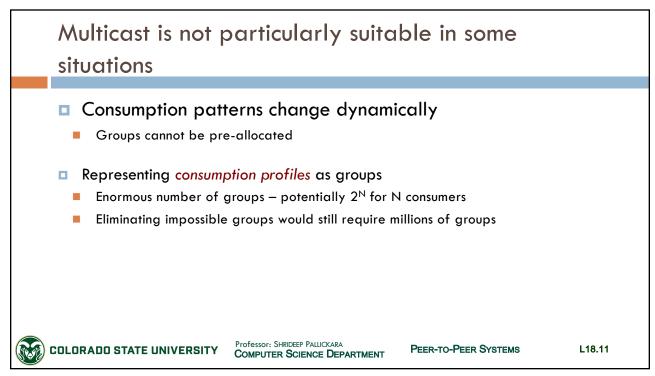


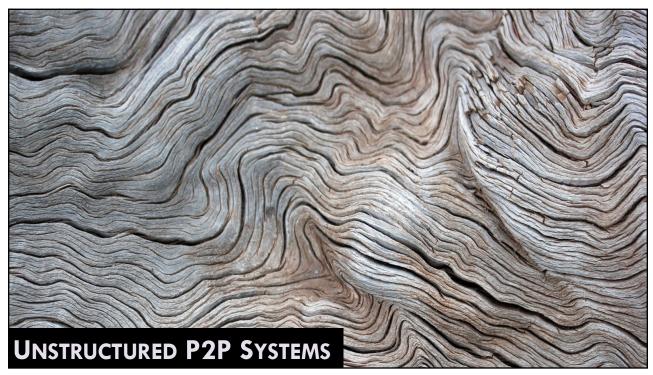
IP multicast: sending public class MulticastPublisher { private DatagramSocket socket; private InetAddress group; private byte[] buf; Class D public void multicast(address String multicastMessage) throws IOException { socket = new DatagramSocket(); group = InetAddress.getByName("230.0.0.0"); Port number buf = multicastMessage.getBytes(); DatagramPacket packet = new DatagramPacket(buf, buf.length, group, 4446); socket.send(packet); socket.close(); } }

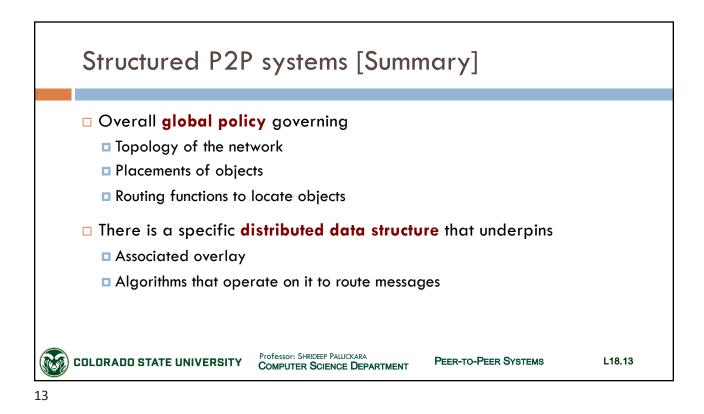


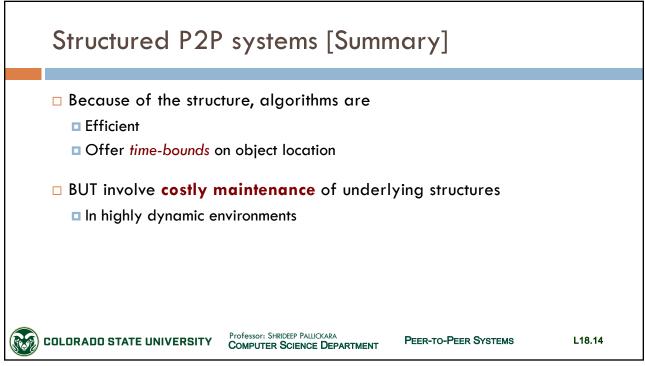


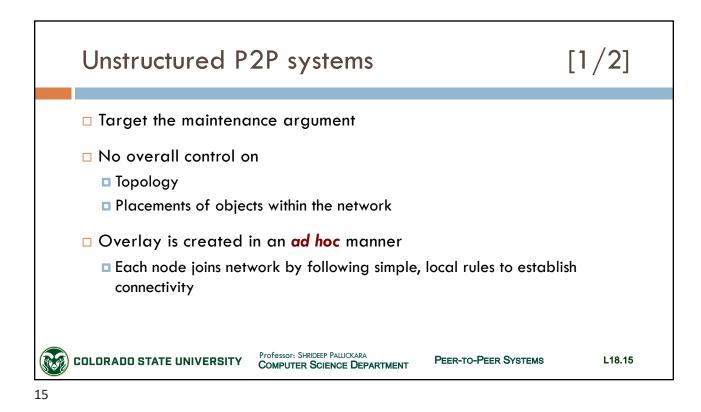
SLIDES CREATED BY: SHRIDEEP PALLICKARA

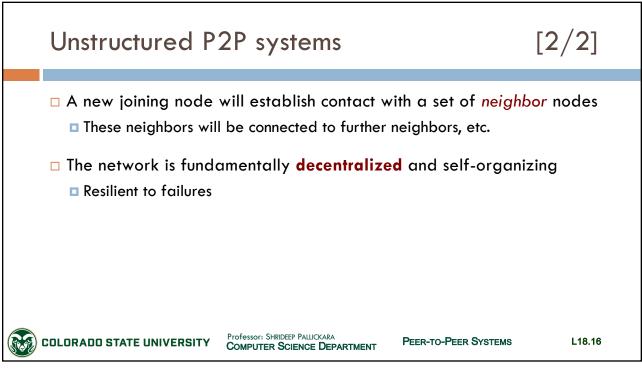


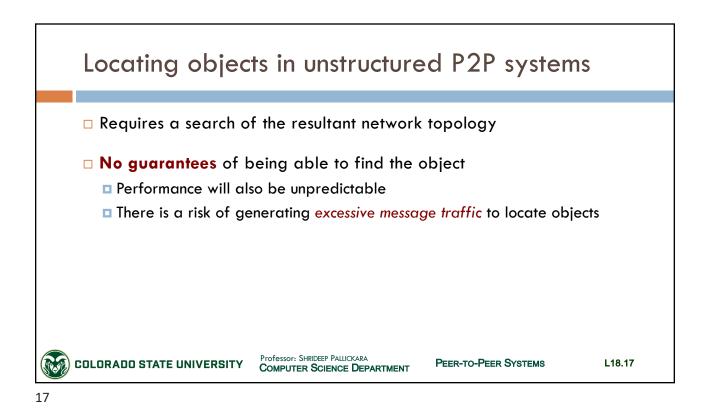






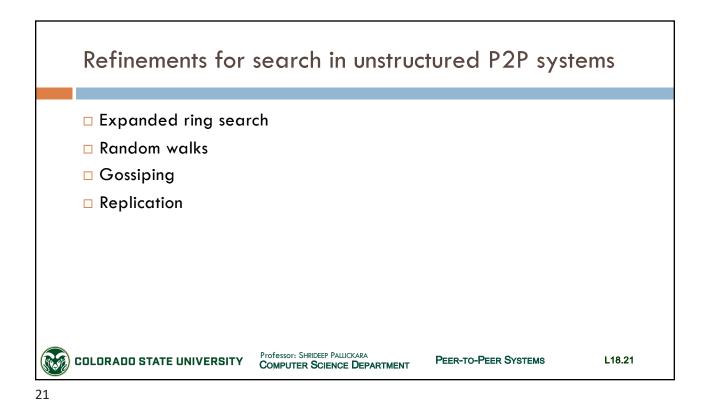


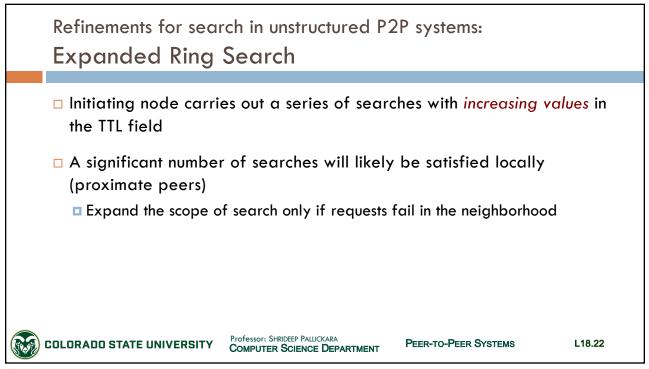


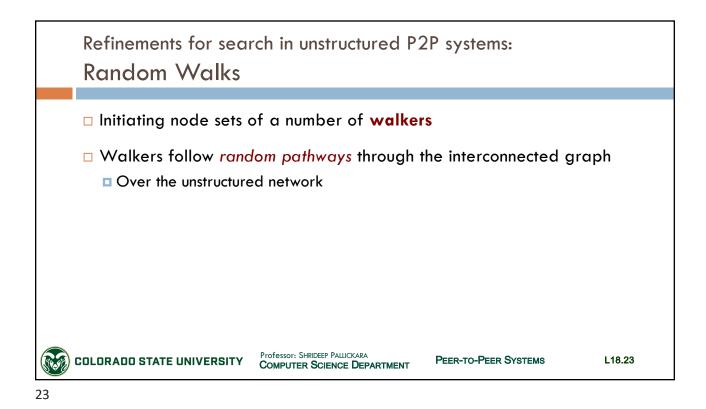


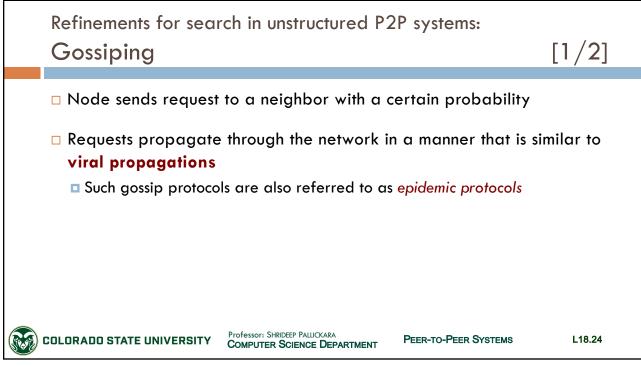
1103	and Con	3		
		Structured P2P	Unstructured P2P systems	
	Advantages	Guaranteed to locate objects with bounds on this operation Low message overhead	Self-organizing and naturally resilient to failures	
	Disadvantages	Maintain complex overlay structures that are difficult and costly in dynamic settings	Probabilistic Cannot offer absolute guarantees on locating objects	

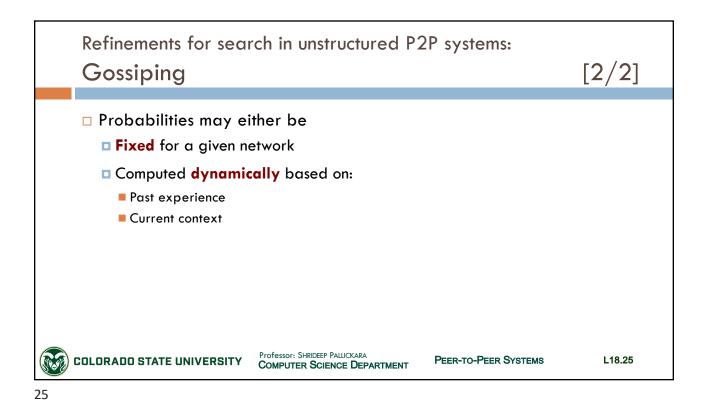


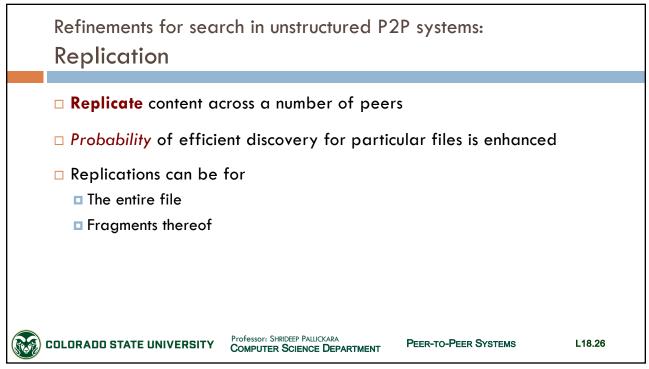






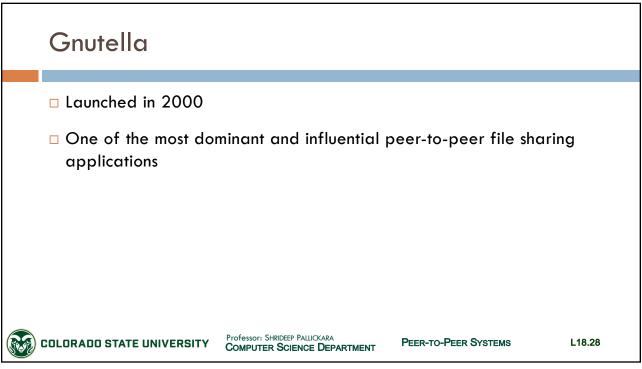


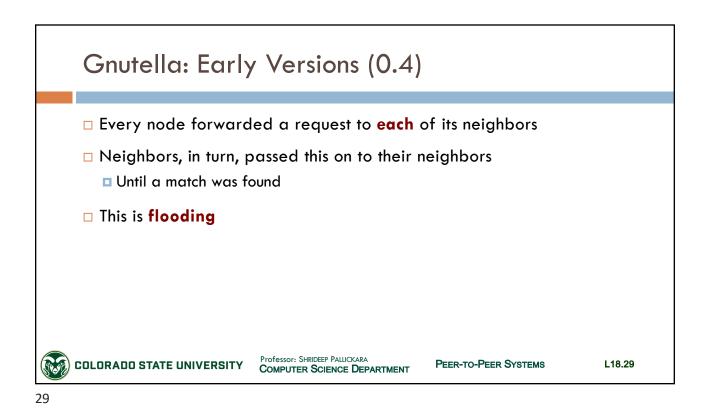


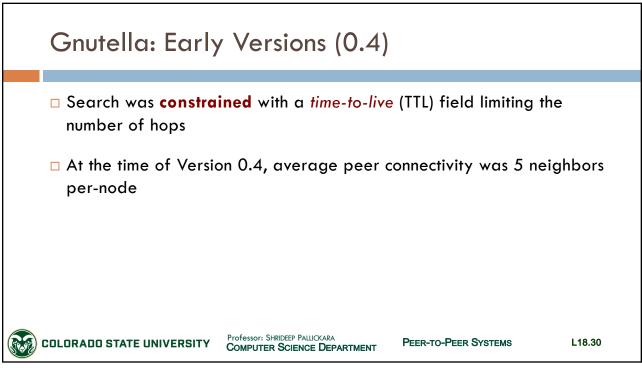




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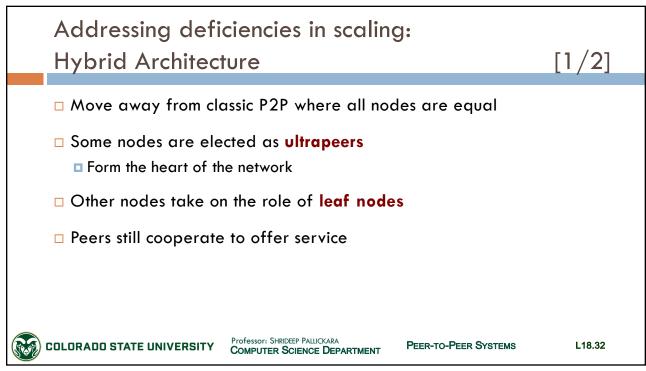






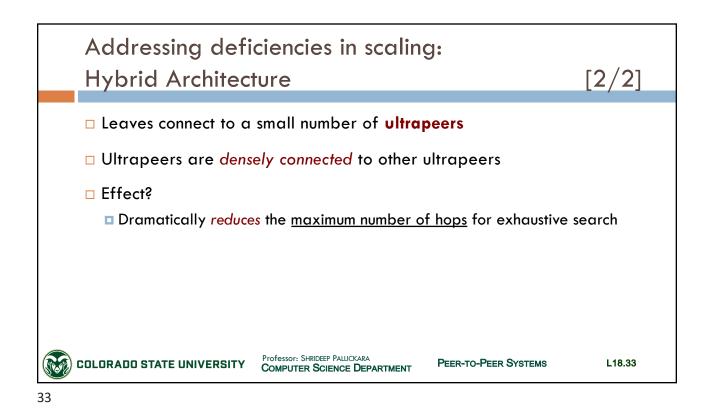


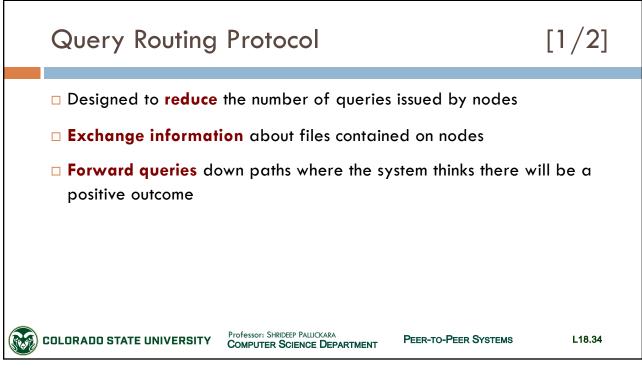
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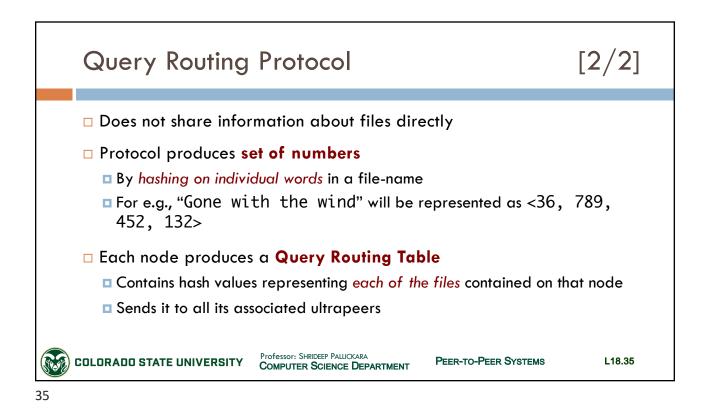


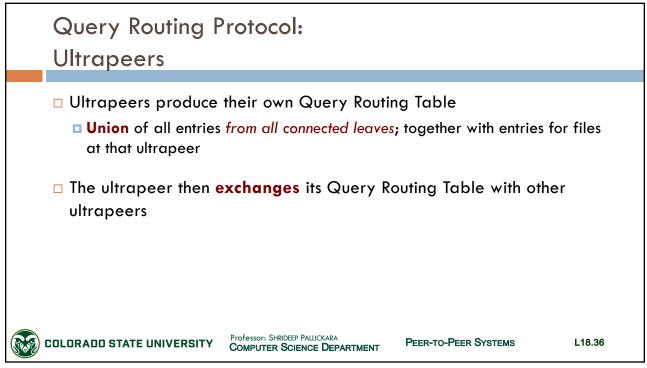
CSx55: Distributed Systems

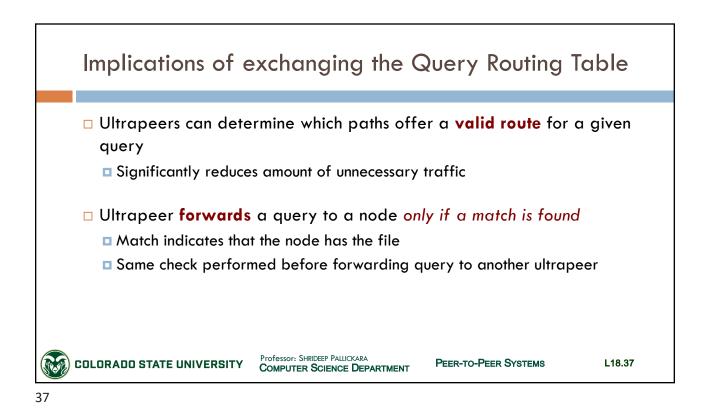
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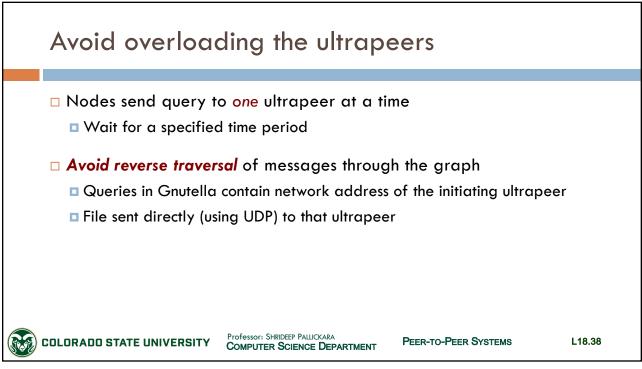














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