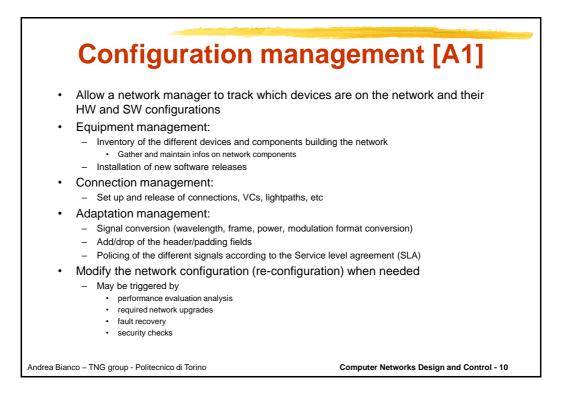
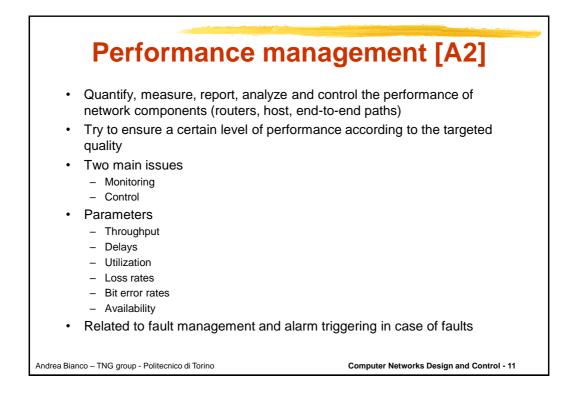
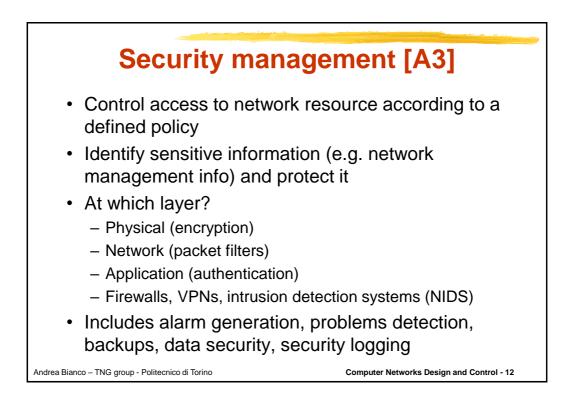


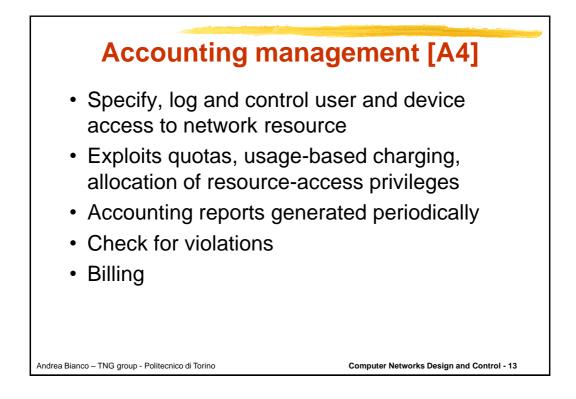
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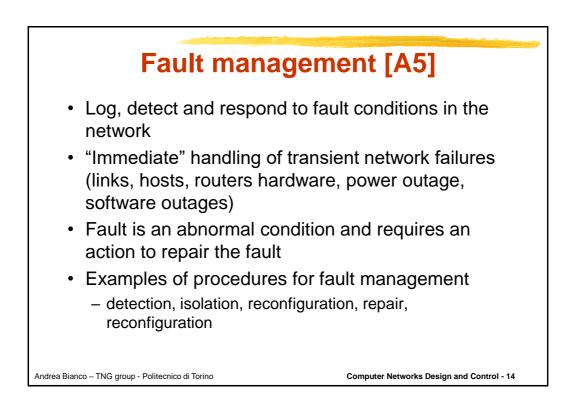
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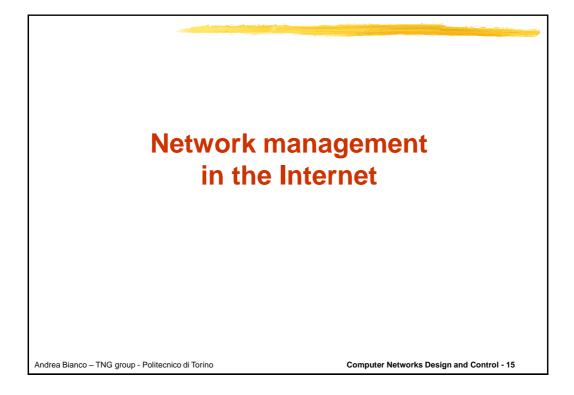


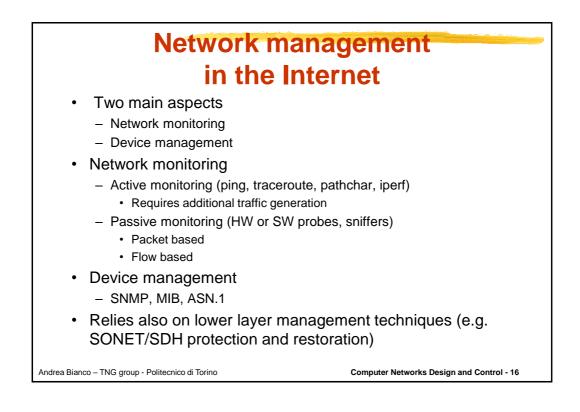




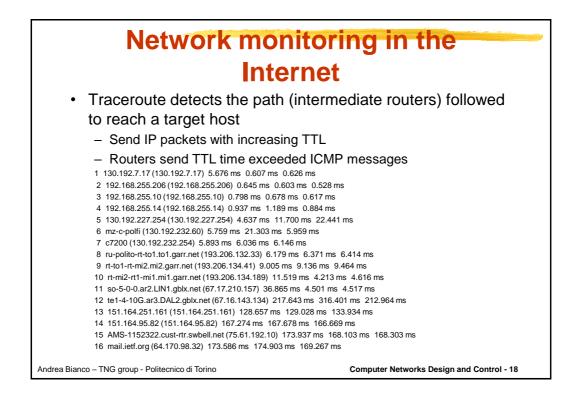


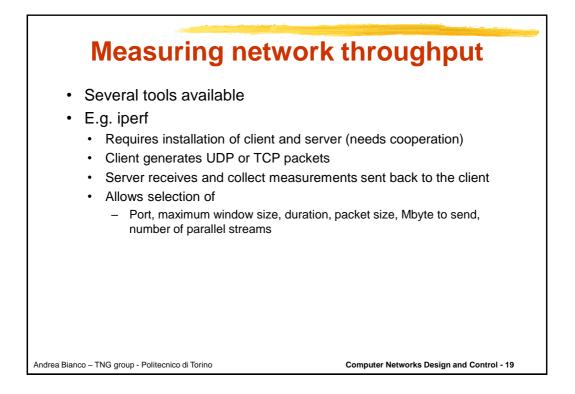


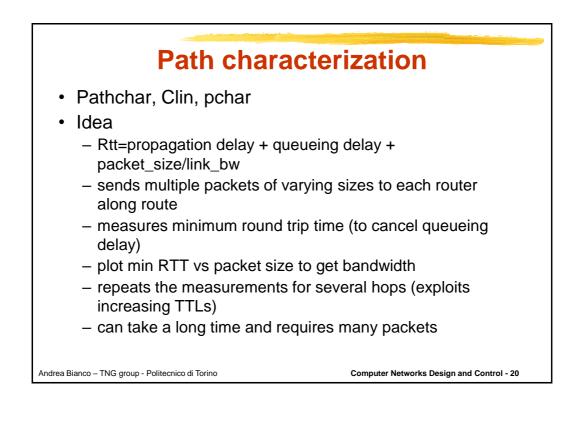


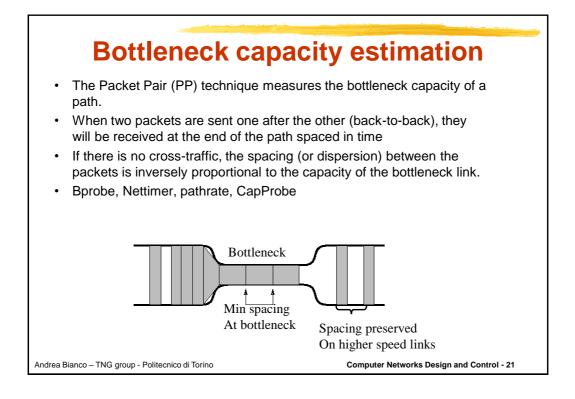


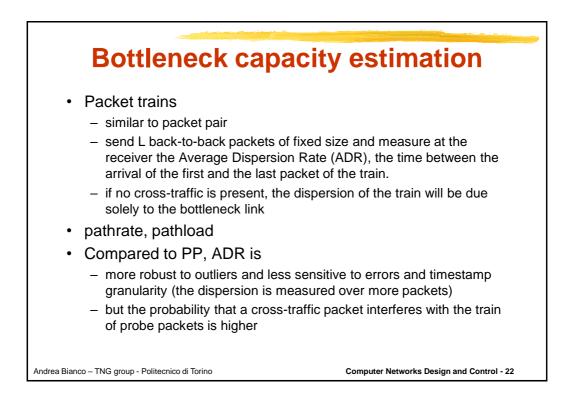
Network monitoring in the				
Internet				
<ul> <li>Ping test host reachability</li> </ul>				
<ul> <li>Exploits ICMPs echo (request and reply) messages</li> </ul>				
<ul> <li>Measures the average round trip time</li> </ul>				
PING www.ietf.org (64.170.98.32) 56(84) bytes of data.				
64 bytes from mail.ietf.org (64.170.98.32): icmp_seq=0 ttl=66 time=169 ms				
64 bytes from mail.ietf.org (64.170.98.32): icmp_seq=1 ttl=66 time=172 ms				
64 bytes from mail.ietf.org (64.170.98.32): icmp_seq=2 ttl=66 time=174 ms				
64 bytes from mail.ietf.org (64.170.98.32): icmp_seq=3 ttl=66 time=177 ms				
www.ietf.org ping statistics				
4 packets transmitted, 4 received, 0% packet loss, time 3008ms				
rtt min/avg/max/mdev = 169.290/173.427/177.398/2.994 ms, pipe 2				
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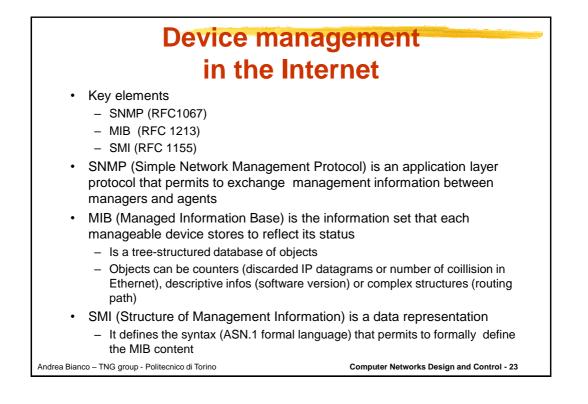


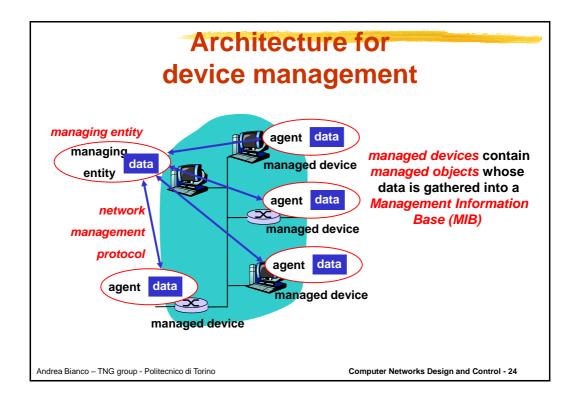


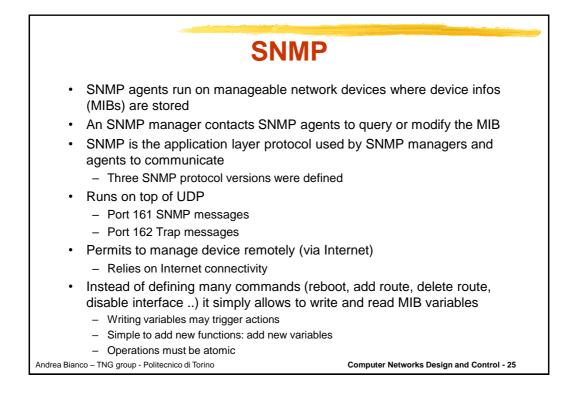


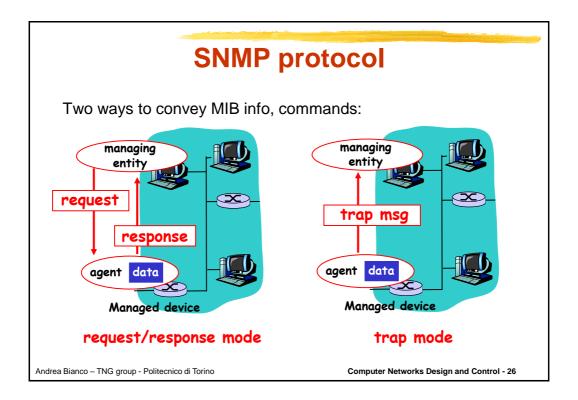


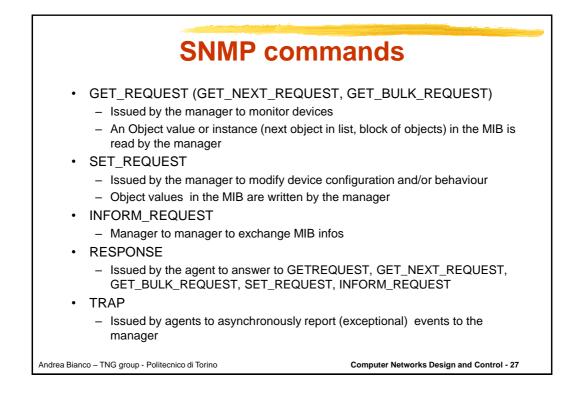


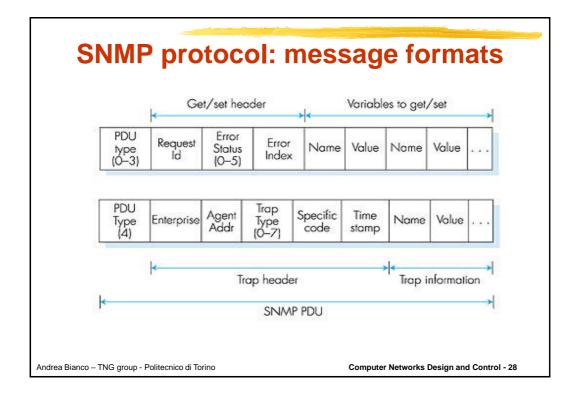


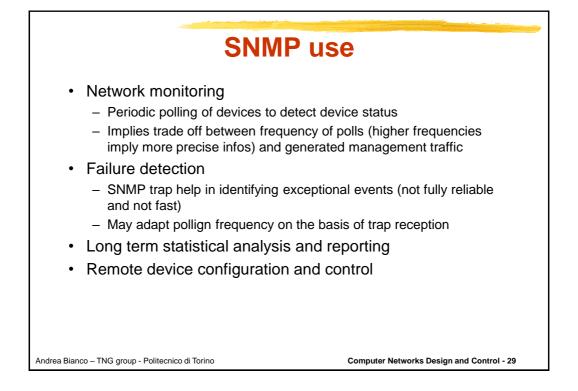


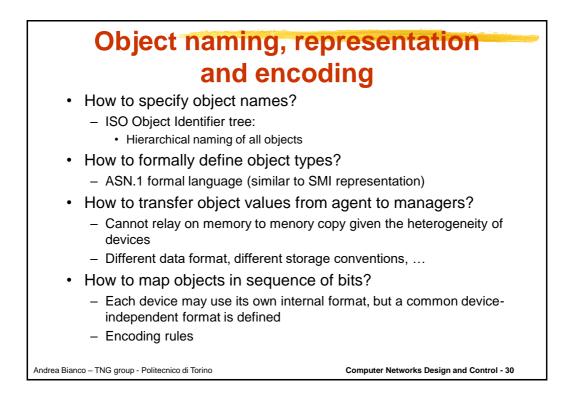


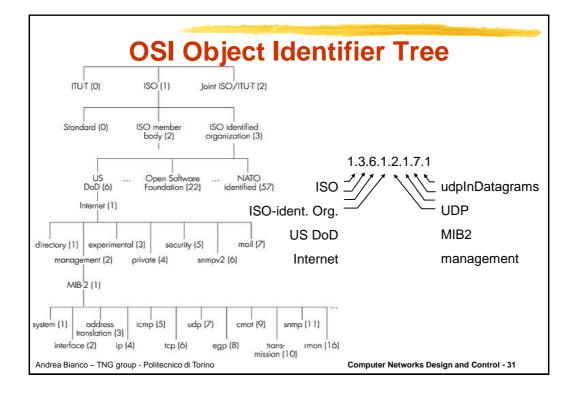


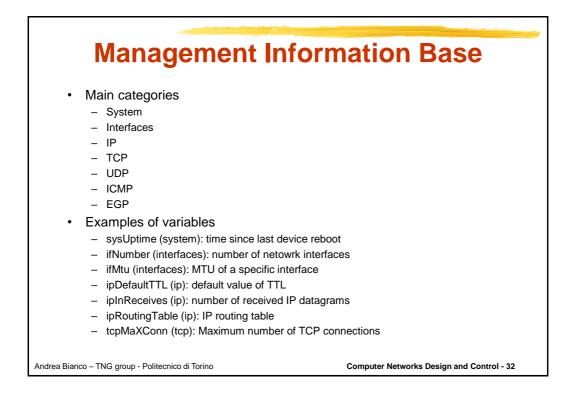












MIB example: UDP module				
Object ID	Name	Туре	Comments	
1.3.6.1.2.1.7.1	UDPInDatagrams	Counter32	total # datagrams delivered	
			at this node	
1.3.6.1.2.1.7.2	UDPNoPorts	Counter32	# underliverable datagrams	
			no app at portl	
1.3.6.1.2.1.7.3	UDInErrors	Counter32	# undeliverable datagrams	
			all other reasons	
1.3.6.1.2.1.7.4	UDPOutDatagram	s Counter32	# datagrams sent	
1.3.6.1.2.1.7.5	udpTable	SEQUENCE	E one entry for each port	
			in use by app, gives port #	
			and IP address	
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