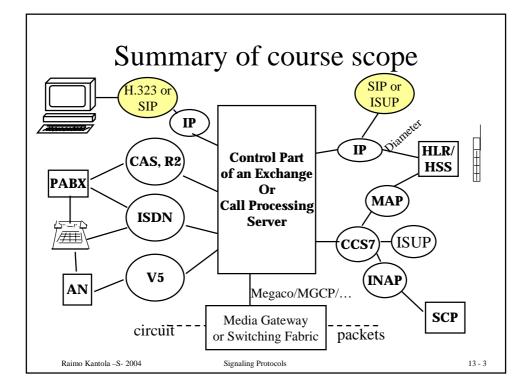
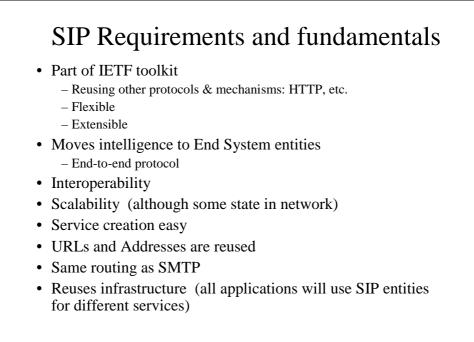
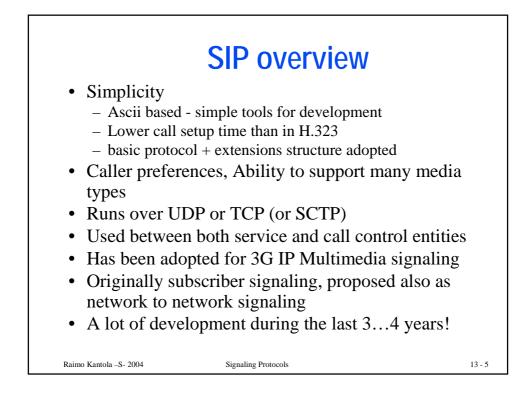
Se	ssic	on Initiation Protocol	
SIP protocol and its extensions			
	SI	P Service Architecture	
A lot of this material is based on proposals =		SIP in 3G	
may change quick	ly		
Raimo Kantola - S- 2004		Signaling Protocols	13 - 1

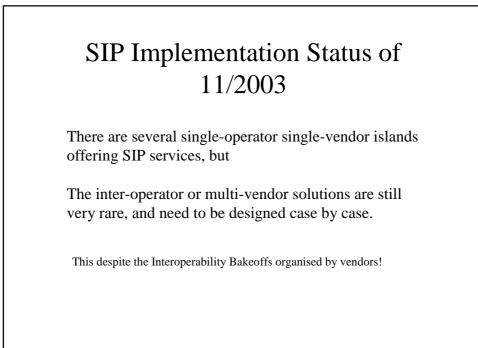
	Courses				
Sources					
IETF:					
RFC 3261: SIP: Session Initiation Protocol					
RFC 3262: Reliability of Provisional Responses in SIP (PRACK)					
RFC 3265: SIP Specific Event Notification					
RFC 3311: SIP UPDATE method					
RFC 3398: ISUP to SIP mapping					
	RFC 3428: SIP Extension for Instant Messaging				
	RFC 2327: SDP: Session Description Protocol				
RFC 3264: An Offer/An	nswer Model with Session Description	Protocol (SDP)			
3G Release 5:					
3GPP TS 24.228 v5.2.0	(2002-09) Signaling flows for the IP M on SIP and SDP; stage 3 (Rel				
3GPP TS 24.229 v5.3.0	(2002-12) IP multimedia call control p and SDP, Stage 3 (Release 5)	rotocol based on SIP			
3GPP TS 29.228 v5.1.0	(2002-09) IMS Cx and Dx interfaces, S message contents; (Release 5)				
Etc					
Raimo Kantola - S- 2004	Signaling Protocols	13 - 2			





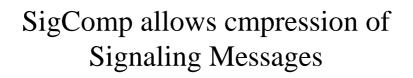
Signaling Protocols





Raimo Kantola - S- 2004

Signaling Protocols

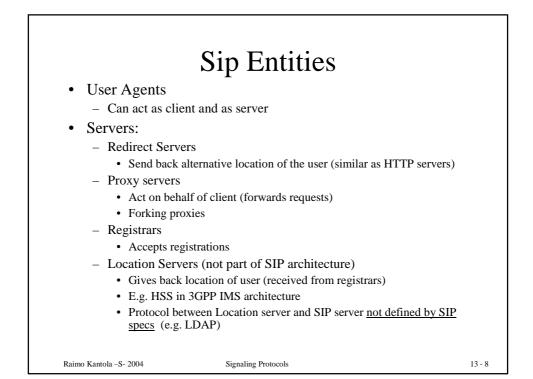


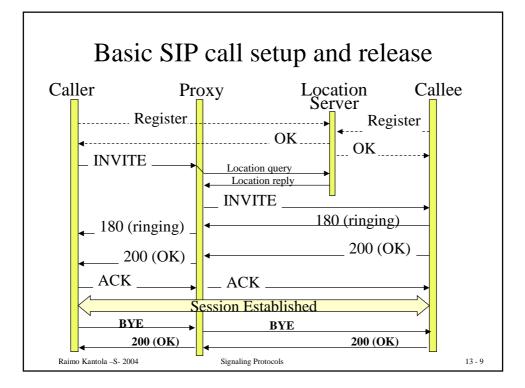
- RFC 3320 and RFC 3321 specify a layer between the signaling transport and the signaling application
- Uses Global and User Specific Dictionaries to store state data over many SIP sessions
- Overall Compression/decompression architecture is based on a bytecode driven Universal Decompression Virtual Machine
 - Bytecode can be sent in SigComp messages by the Compressior
 - leaves a lot of detail for the implementor

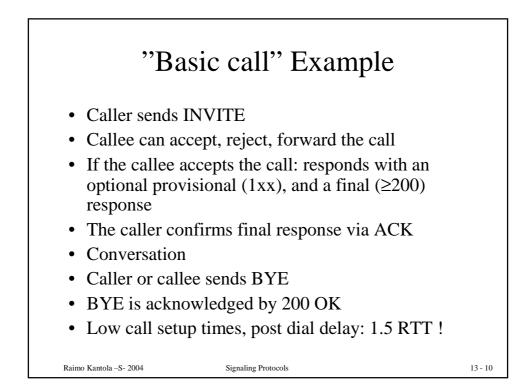
Raimo Kantola -- S- 2004

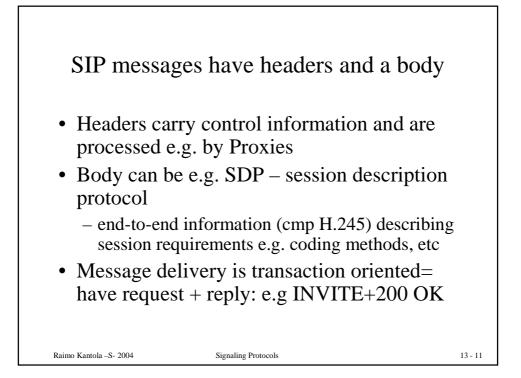
Signaling Protocols

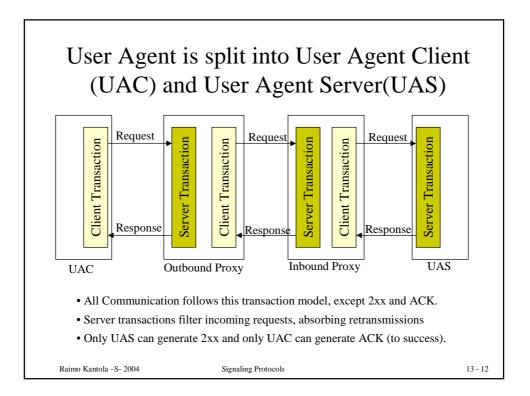
13 - 7

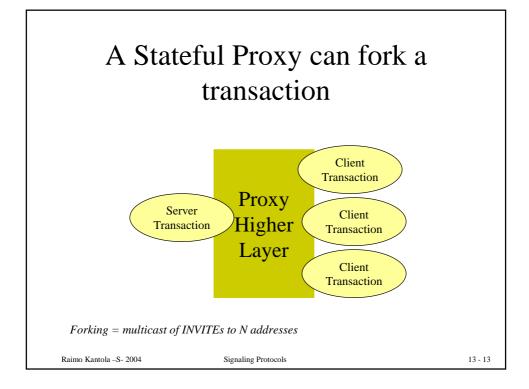


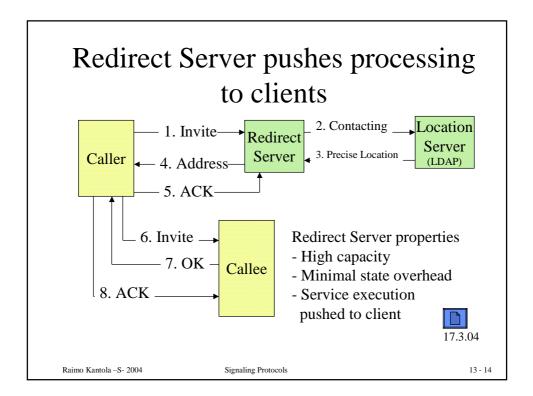


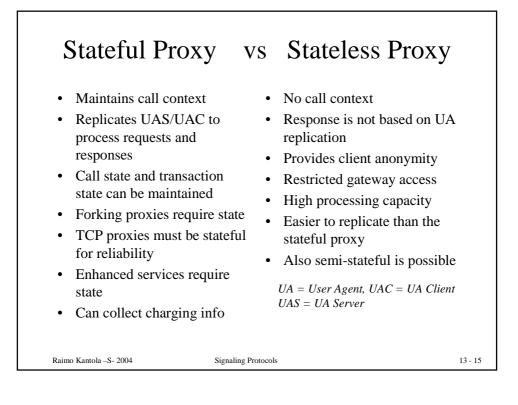


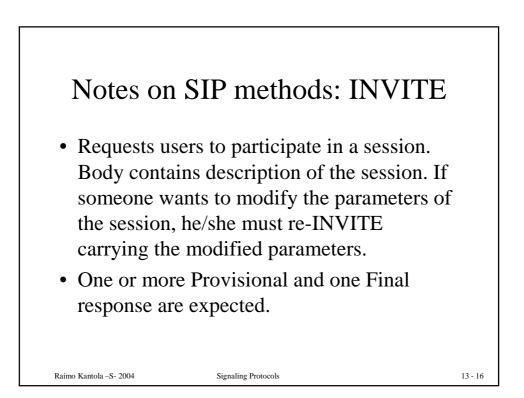


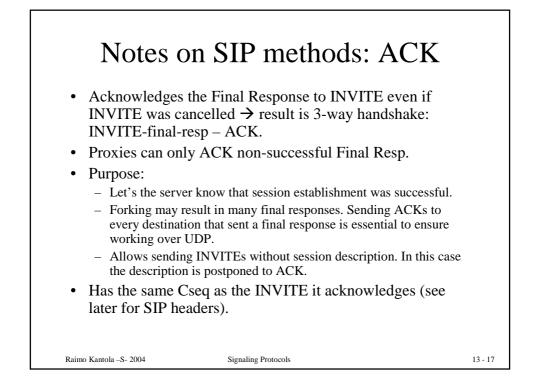


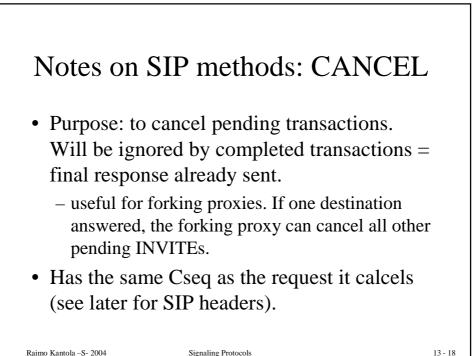


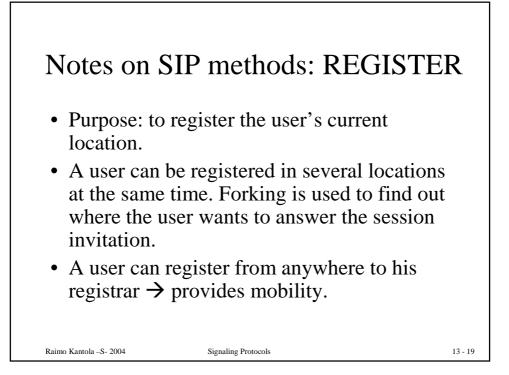


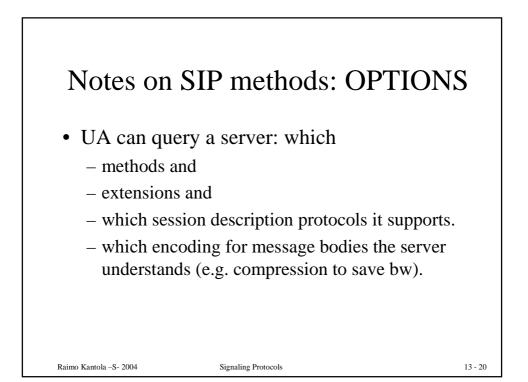


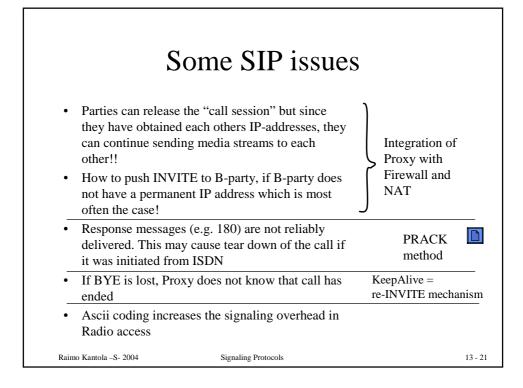


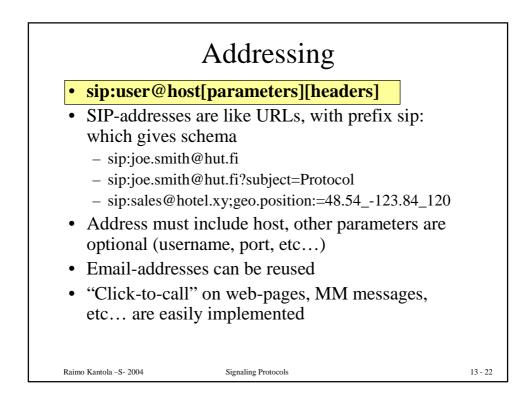


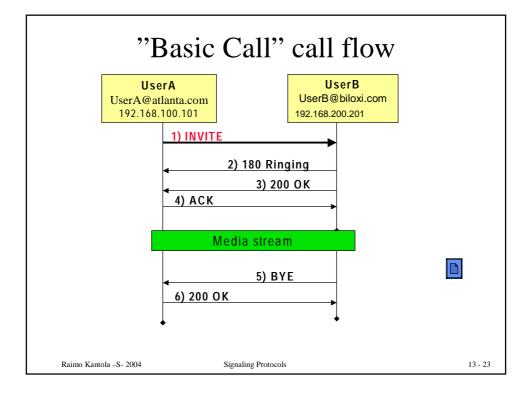


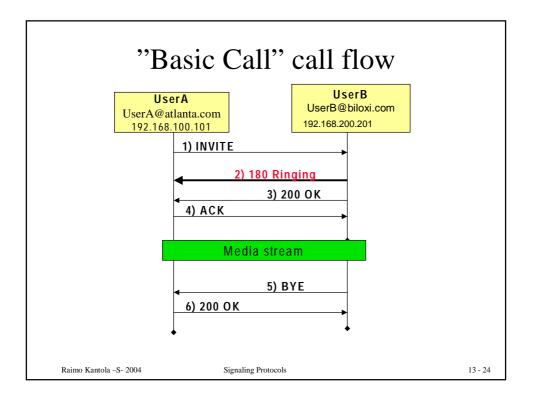


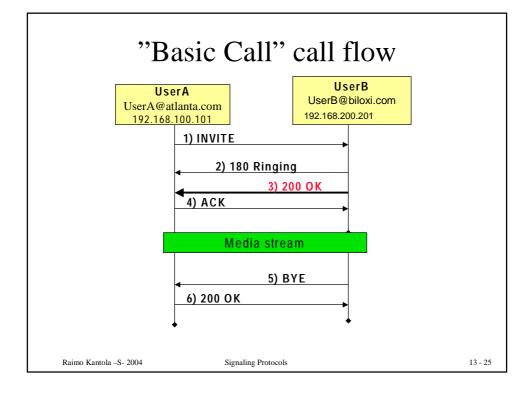


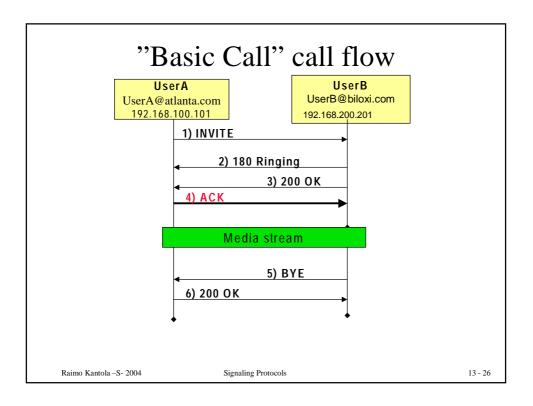


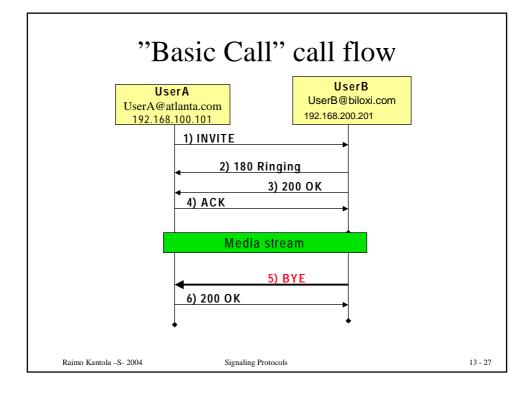


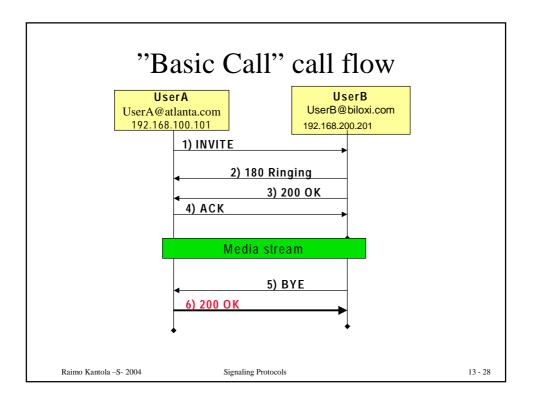


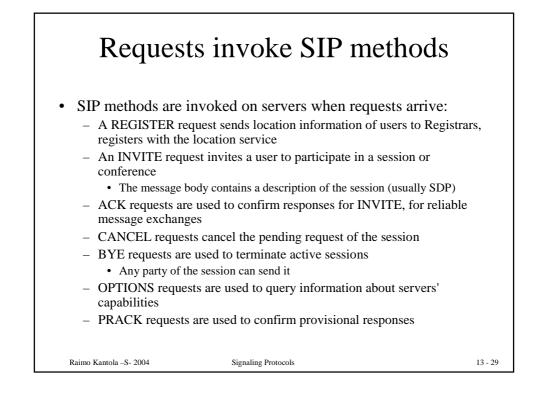


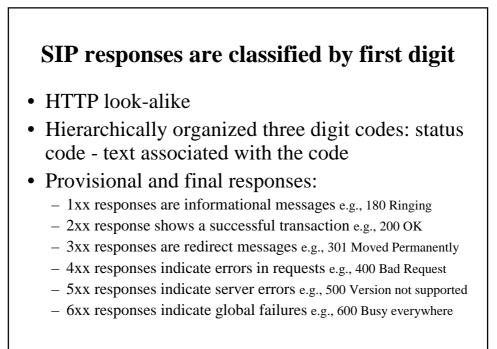




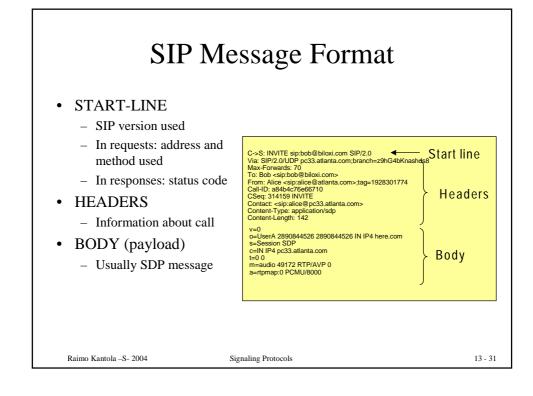


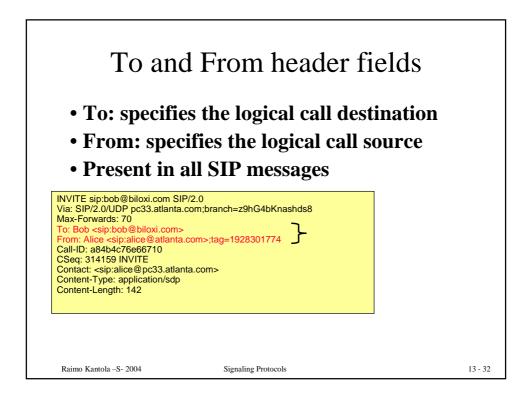


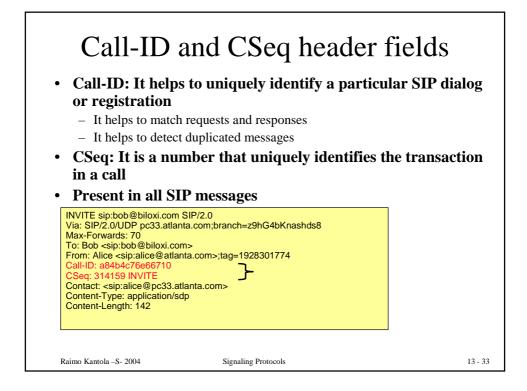


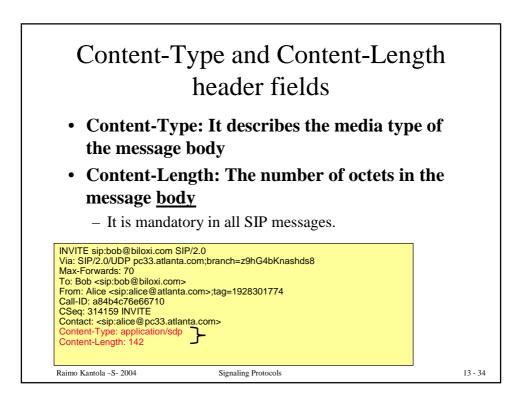


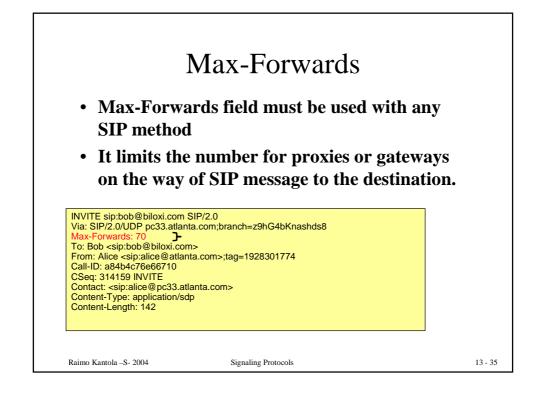
Signaling Protocols

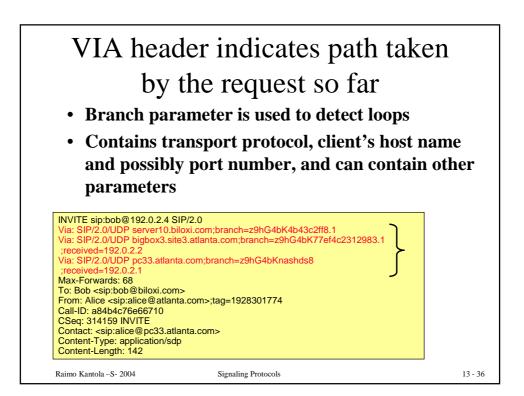


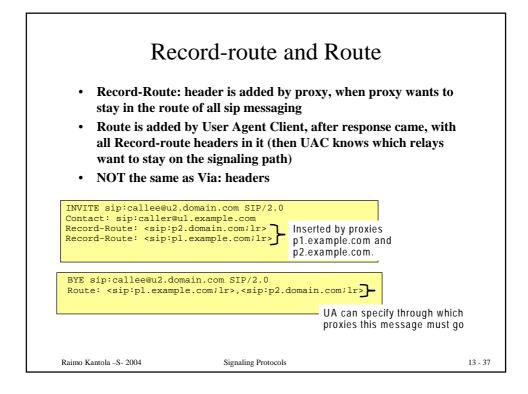


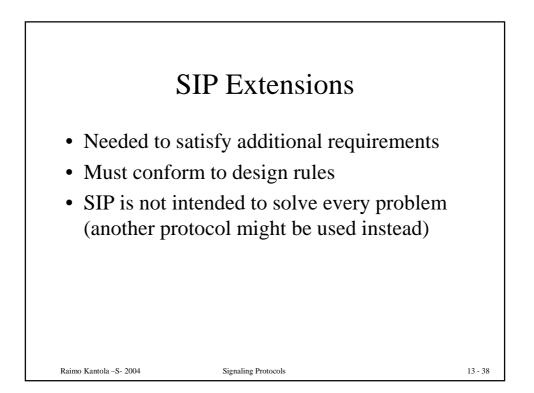


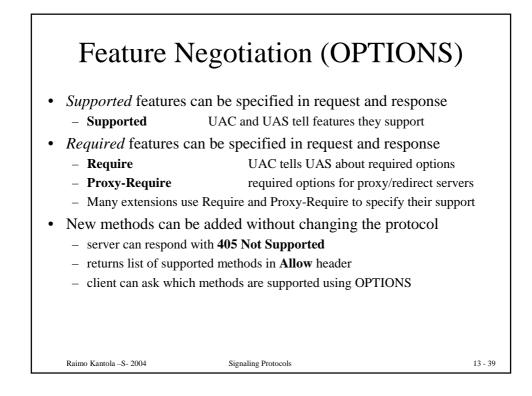


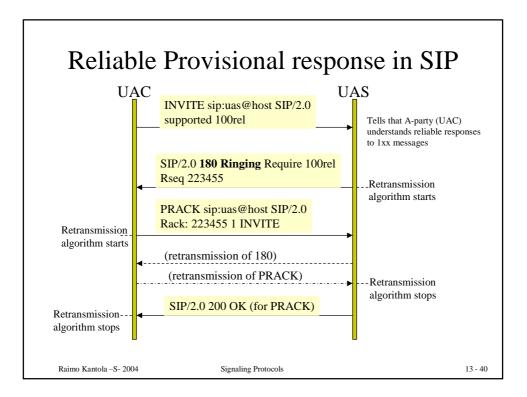


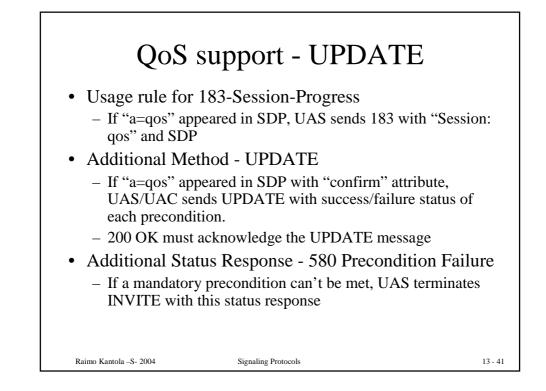


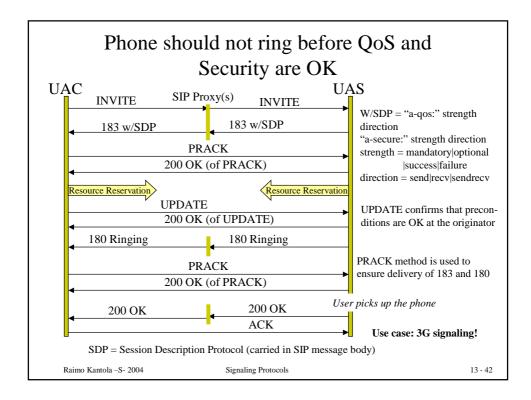


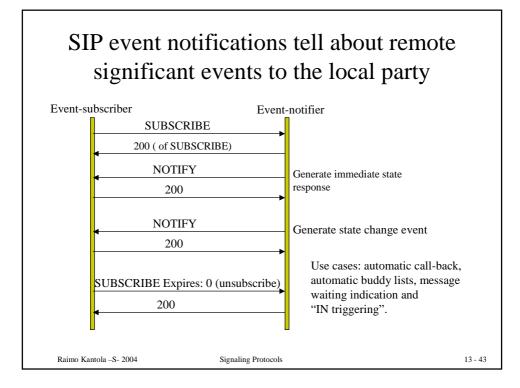


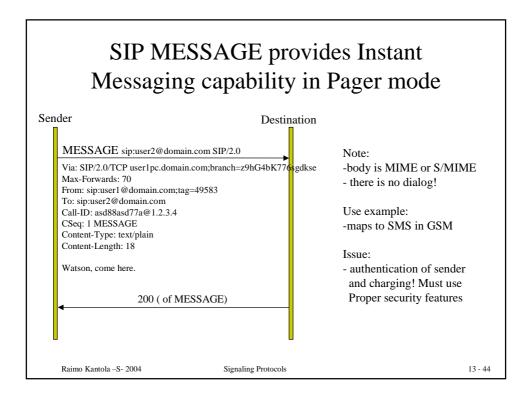


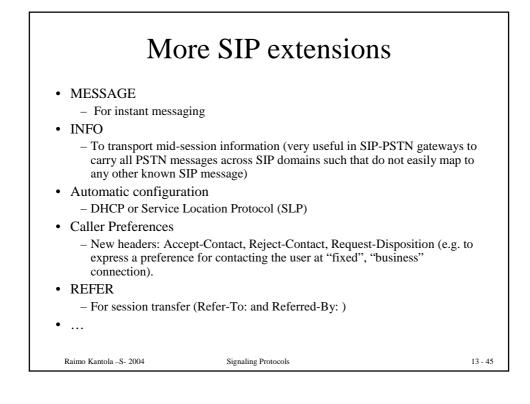


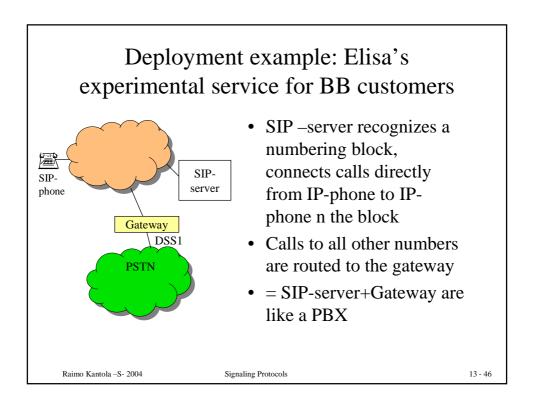


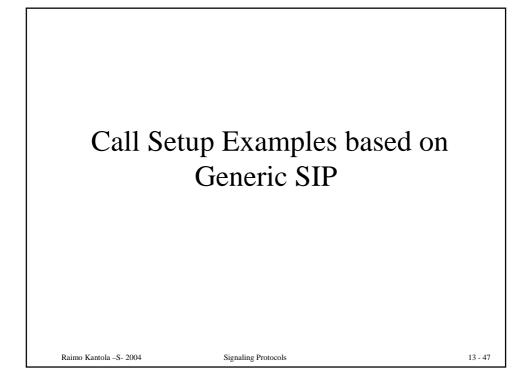


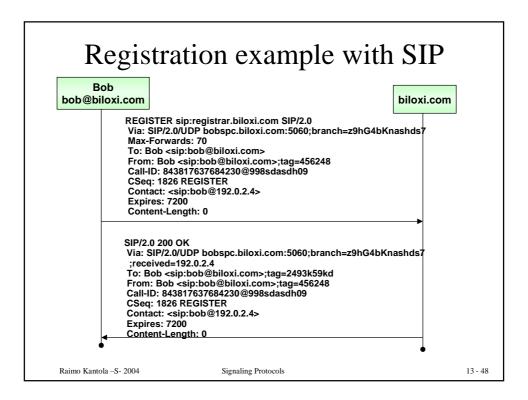


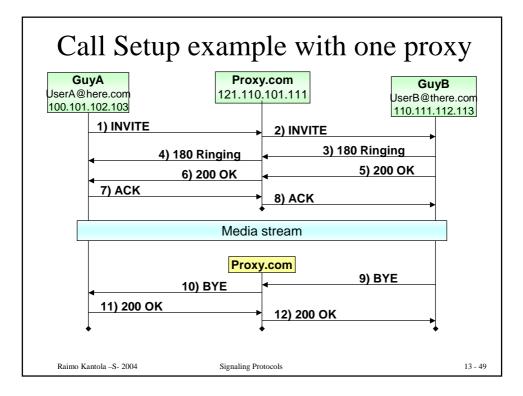


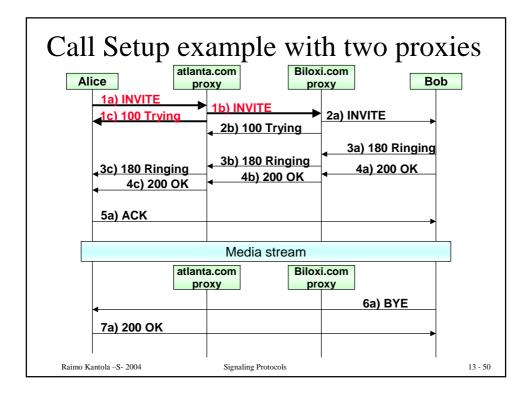


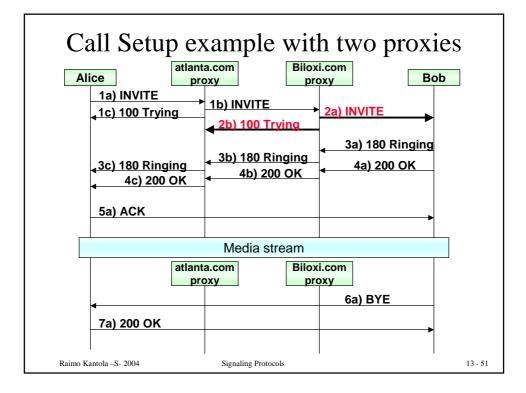


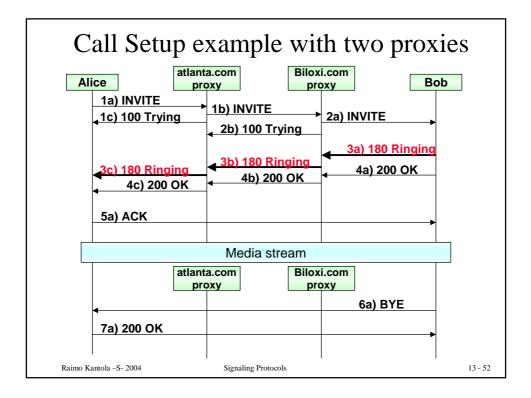


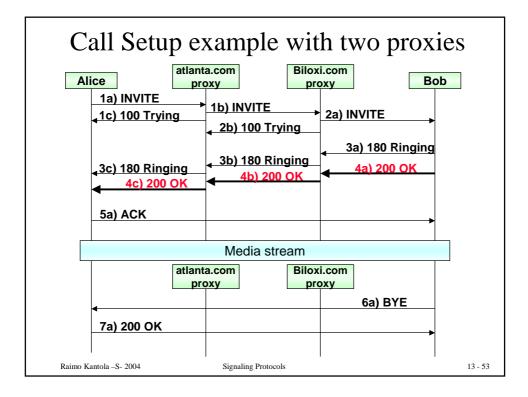


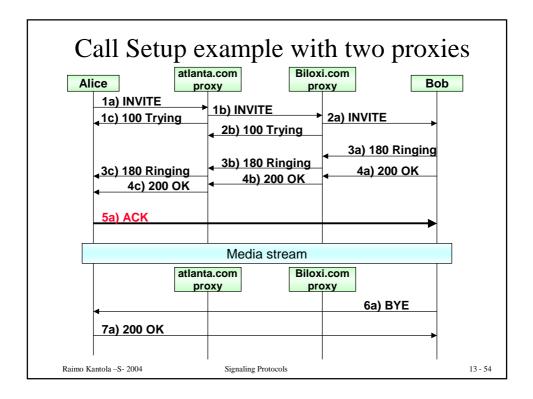


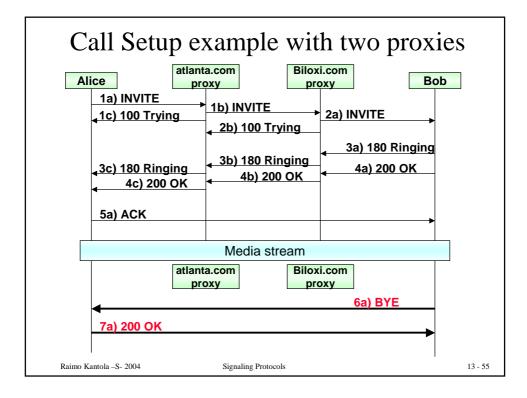


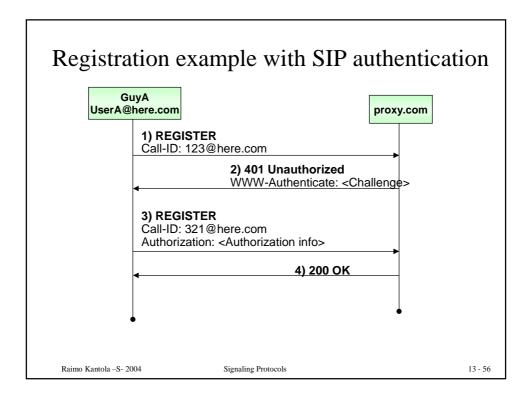


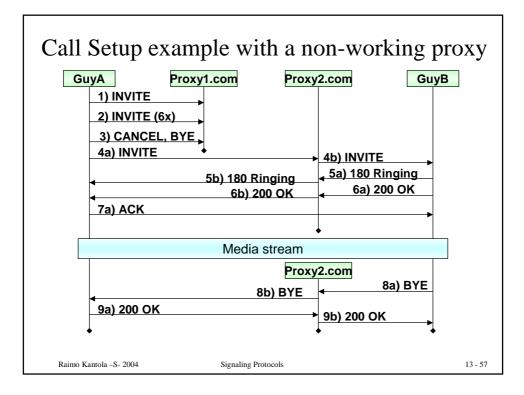


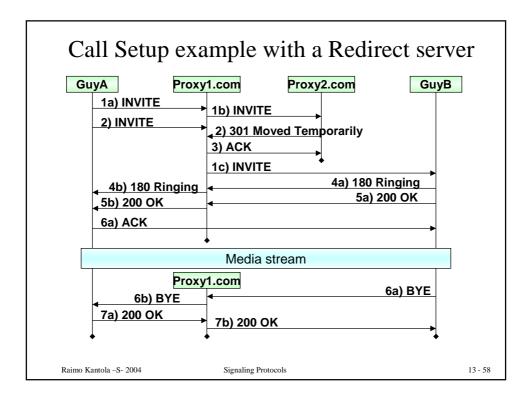


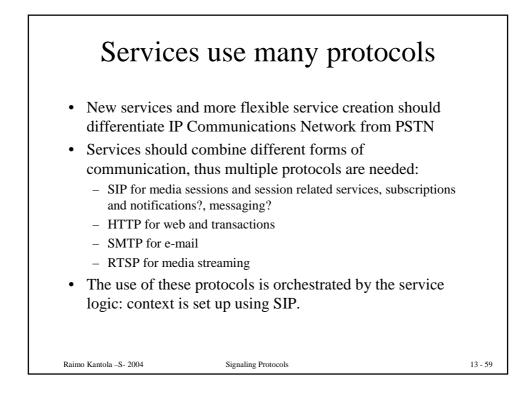


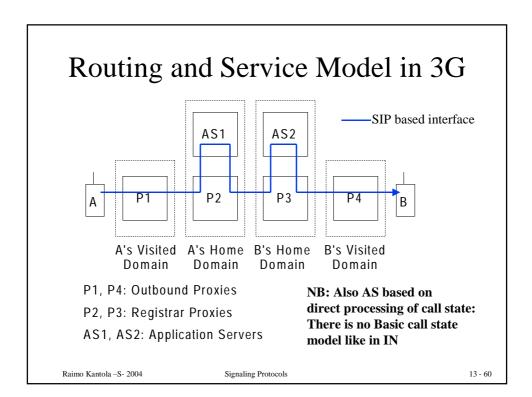


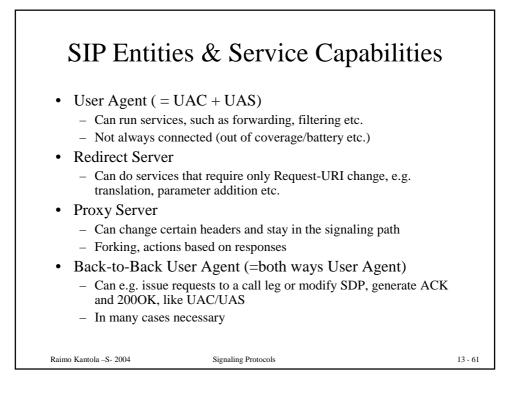


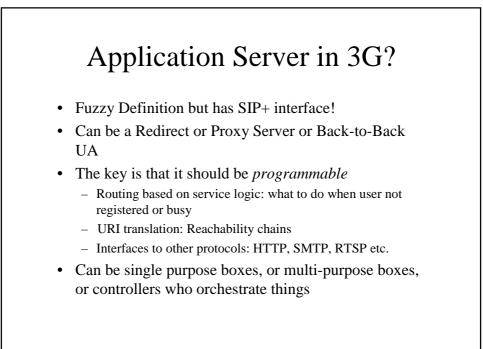


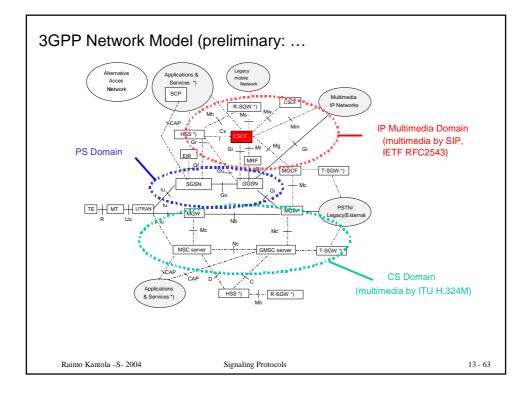


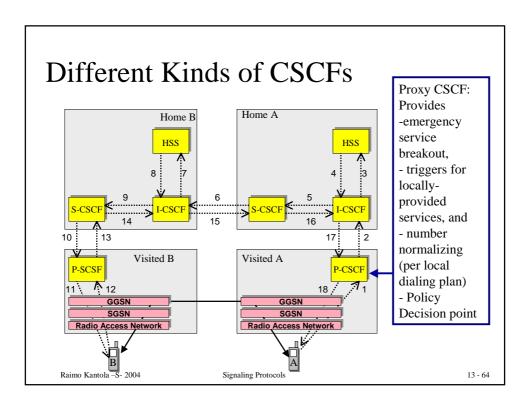


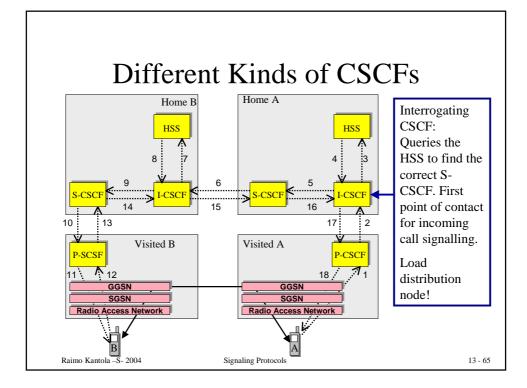


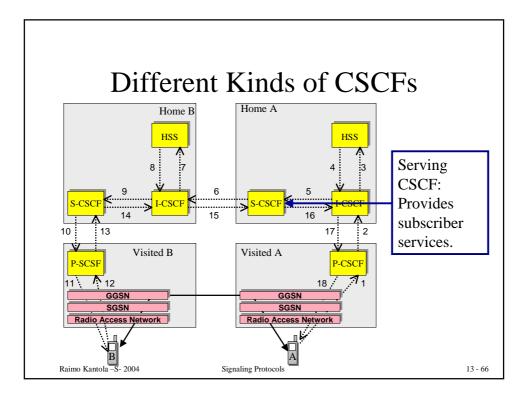


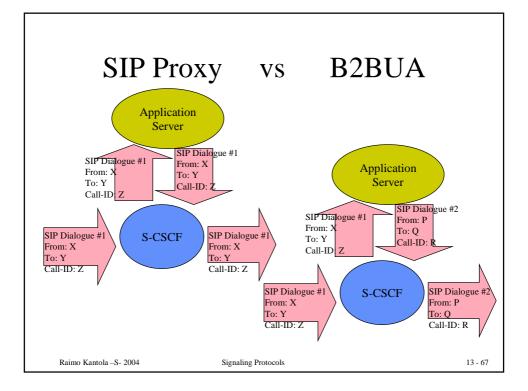


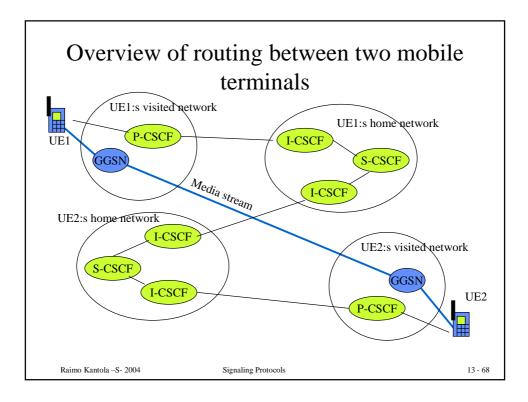


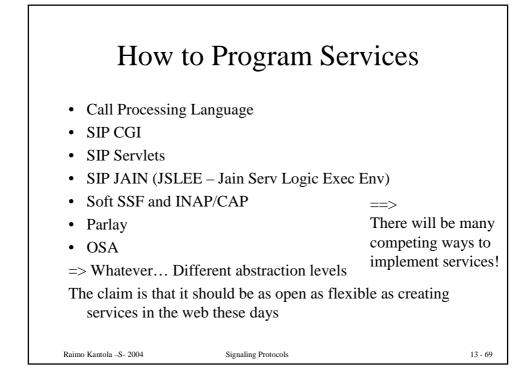


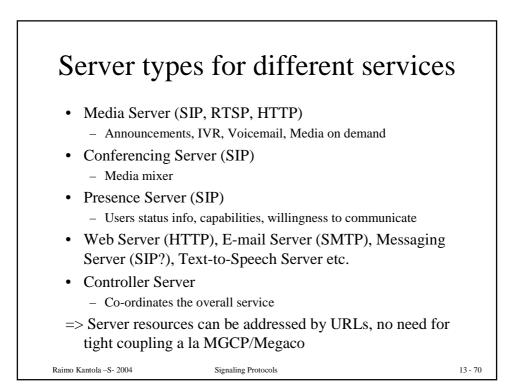


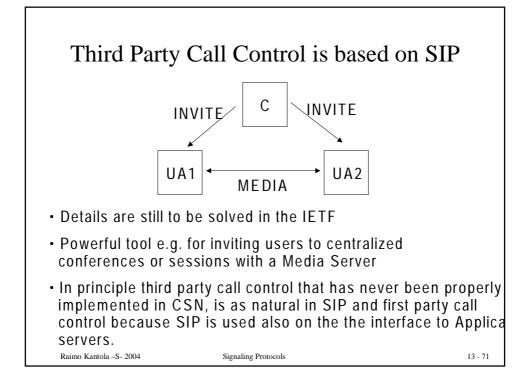


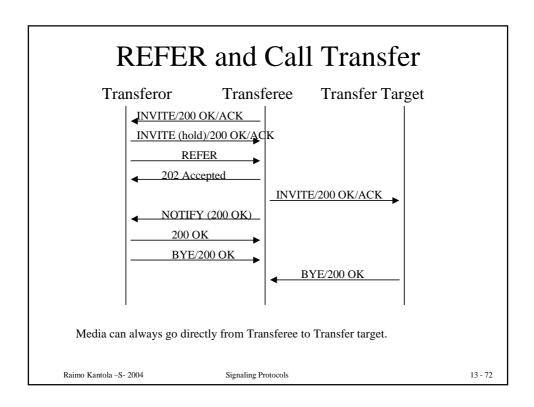


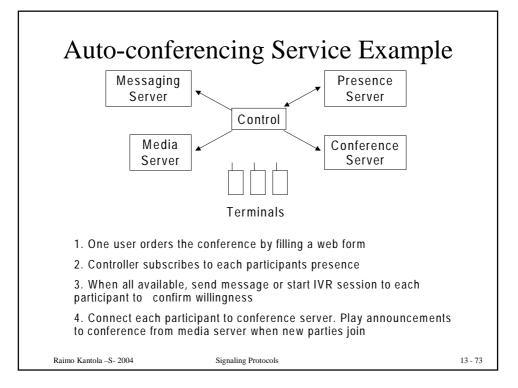


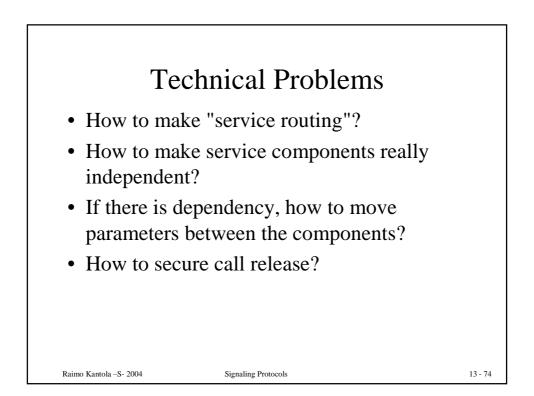


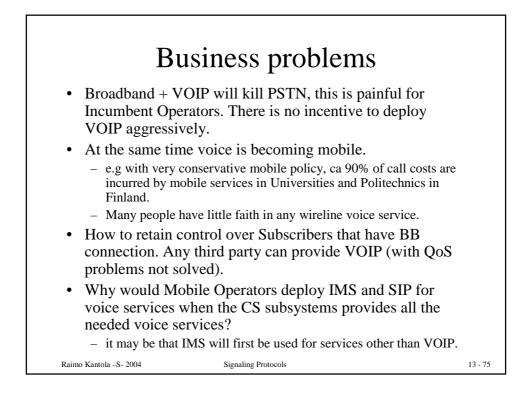


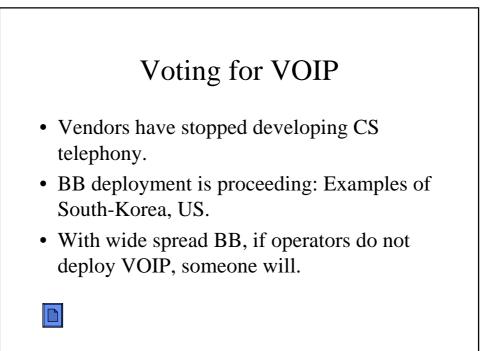












Raimo Kantola - S- 2004

