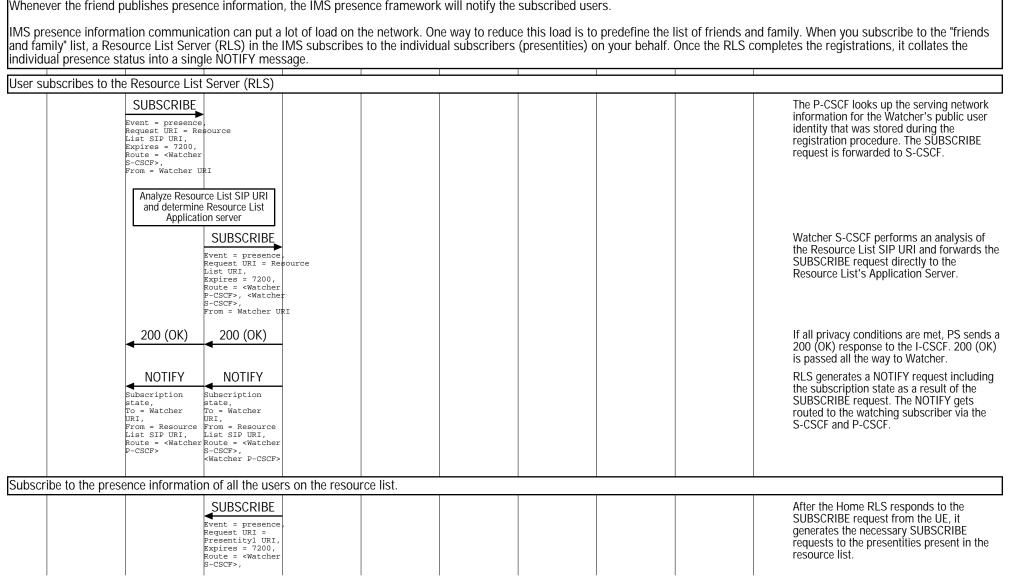
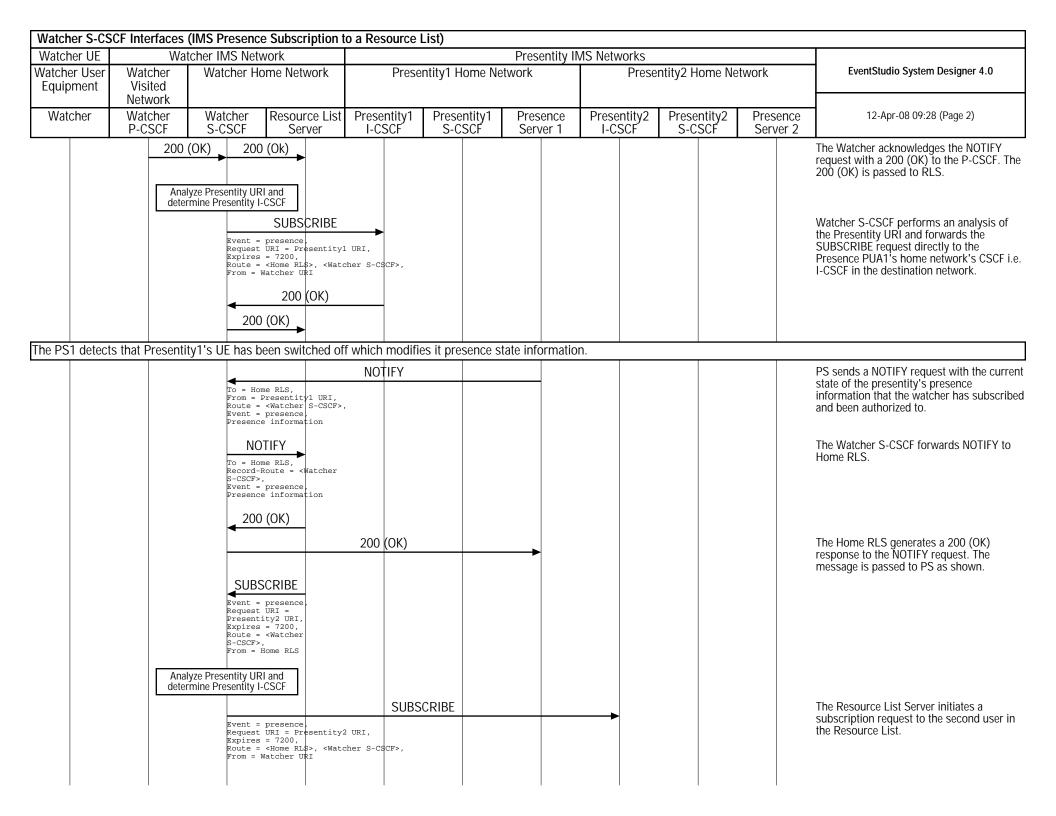
Watcher S-CSCF Interfaces (IMS Presence Subscription to a Resource List)											
Watcher UE	Watcher IMS Network			Presentity IMS Networks							
Watcher User Equipment	Watcher Visited Network	Watcher Ho	ome Network	Presentity1 Home Network			Presentity2 Home Network			EventStudio System Designer 4.0	
Watcher	Watcher P-CSCF	Watcher S-CSCF	Resource List Server	Presentity1 I-CSCF	Presentity1 S-CSCF	Presence Server 1	Presentity2 I-CSCF	Presentity2 S-CSCF	Presence Server 2	12-Apr-08 09:28 (Page 1)	
This sequence	diagram was d	enerated with	FyantStudio Sys	tam Designer	1 Ω (http://\\\\\\	FventHelix co	m/EventStudio)	Convright © 1	2008 EventHelis	v.com Inc. All Rights Reserved. The	

This sequence diagram was generated with EventStudio System Designer 4.0 (http://www.EventHelix.com/EventStudio). Copyright © 2008 EventHelix.com Inc. All Rights Reserved. The EventStudio source files for this document can be downloaded from http://www.eventhelix.com/call-flow/ims-presence-resource-list.zip.

IP Multimedia Subsystem (IMS) provides a framework and building blocks for building advanced telecom services. One such service is network wide publication and subscription of presence information. Users can subscribe to presence information for their contacts. If the contact accepts their request, the subscriber will be registered for presence notification. Whenever the friend publishes presence information, the IMS presence framework will notify the subscribed users.





Waterier 5-03			e Subscription t	o a Resource	List)					
Watcher UE	Watcher IMS Network									
Watcher User Equipment	Watcher Visited Network	Watcher Home Network		Prese	ntity1 Home N	etwork	Presentity2 Home Network			EventStudio System Designer 4.0
Watcher	Watcher P-CSCF	Watcher S-CSCF	Resource List Server	Presentity1 I-CSCF	Presentity1 S-CSCF	Presence Server 1	Presentity2 I-CSCF	Presentity2 S-CSCF	Presence Server 2	12-Apr-08 09:28 (Page 3)
Collate the subs	P-CSCF scription respo	S-CSCF 200 To = Ho From = Route = Event = Presenc NC To = Ho Record- S-CSCF> Event = Presenc 200 IIFY Cher To = Wa URI, esource URI, From = List SI <watcher route="S-CSCF"> Event = Presenc ion Presenc ion</watcher>	me RLS, Presentity2 URI, <watcher s-cscf="">, presence, e information TIFY me RLS, Route = <watcher (ok)="" ,="" <watcher="" e="" e,="" e<="" information="" p="" presence,="" r="" resource="" tcher="" td="" the="" tify="" ty="" u="" uri,="" watcher=""><td>I-CSCF 200</td><td>S-CSCF (OK)</td><td></td><td>Presentity2 I-CSCF</td><td>Presentity2 S-CSCF</td><td></td><td>If all privacy conditions are met, PS sends a 200 (OK) response to the S-CSCF. 200 (OK) is passed all the way to Watcher. The presence server for the second user generates a NOTIFY request to update the subscription status. The Home RLS generates a 200 (OK) response to the NOTIFY request. The message is passed to PS as shown. The Home RLS copies the body of the incoming NOTIFY request(s) into the body of the outgoing NOTIFY request to Watcher. The Watcher acknowledges the NOTIFY request with a 200 (OK) to the P-CSCF. The 200 (OK) is passed to RLS.</td></watcher></watcher>	I-CSCF 200	S-CSCF (OK)		Presentity2 I-CSCF	Presentity2 S-CSCF		If all privacy conditions are met, PS sends a 200 (OK) response to the S-CSCF. 200 (OK) is passed all the way to Watcher. The presence server for the second user generates a NOTIFY request to update the subscription status. The Home RLS generates a 200 (OK) response to the NOTIFY request. The message is passed to PS as shown. The Home RLS copies the body of the incoming NOTIFY request(s) into the body of the outgoing NOTIFY request to Watcher. The Watcher acknowledges the NOTIFY request with a 200 (OK) to the P-CSCF. The 200 (OK) is passed to RLS.