Watcher UE	Watcher IMS	Network I	Presentity IMS Networks	EventStudio System Designer 4.0
This sequence diagram was ger EventStudio source files for this	erated with EventStu document can be d	udio System Design ownloaded from htt	er 4.0 (http://www.EventHel p://www.eventhelix.com/cal	ix.com/EventStudio). Copyright © 2008 EventHelix.com Inc. All Rights Reserved. The -flow/ims-presence-resource-list.zip.
IP Multimedia Subsystem (IMS) presence information. Users car Whenever the friend publishes p	provides a framewo subscribe to preser resence information	ork and building blo nce information for n, the IMS presence	cks for building advanced te their contacts. If the contact framework will notify the su	lecom services. One such service is network wide publication and subscription of accepts their request, the subscriber will be registered for presence notification. bscribed users.
MS presence information comr and family" list, a Resource List ndividual presence status into a	Server (RLS) in the	IMS subscribes to t	etwork. One way to reduce the individual subscribers (p	his load is to predefine the list of friends and family. When you subscribe to the "friends resentities) on your behalf. Once the RLS completes the registrations, it collates the
User subscribes to the Resourc	e List Server (RLS)			
SUB To = Resource Lis From = Watcher UB Event = Presence, Supported = event Route = < Watcher	I, list,			To initiate a subscription to the RLS, the UE generates a SUBSCRIBE request indicating support for "eventlist", together with an indication of the length of time this periodic subscription should last.
200	(OK)			If all privacy conditions are met, PS sends a 200 (OK) response to the I-CSCF. 200 (OK) is passed all the way to Watcher.
Subscription stat To = Watcher URI, From = Resource I				RLS generates a NOTIFY request including the subscription state as a result of the SUBSCRIBE request. The NOTIFY gets routed to the watching subscriber via the S-CSCF and P-CSCF.
Subscribe to the presence infor	nation of all the use	rs on the resource li	ist.	
200	(OK)	DK)		The Watcher acknowledges the NOTIFY request with a 200 (OK) to the P-CSCF. The 200 (OK) is passed to RLS.
	Re Ex Ro	SUBSCRIB  ment = presence, quest URI = Presentity pires = 7200, ute = <home rls="">, <wat om="Watcher" td="" uri<=""><td><b>→</b> √1 URI,</td><td>Watcher S-CSCF performs an analysis of the Presentity URI and forwards the SUBSCRIBE request directly to the Presence PUA1's home network's CSCF i.e. I-CSCF in the destination network.</td></wat></home>	<b>→</b> √1 URI,	Watcher S-CSCF performs an analysis of the Presentity URI and forwards the SUBSCRIBE request directly to the Presence PUA1's home network's CSCF i.e. I-CSCF in the destination network.
	•	200 (OK)		
The PS1 detects that Presentity	's UE has been swit	tched off which mod	difies it presence state inforr	nation.
	Fr Ro Ev	NOTIFY  = Home RLS, om = Presentity1 URI, ute = <watcher ent="presence," esence="" information<="" s-cscf:="" td=""><td>&gt;,</td><td>PS sends a NOTIFY request with the current state of the presentity's presence information that the watcher has subscribed and been authorized to.</td></watcher>	>,	PS sends a NOTIFY request with the current state of the presentity's presence information that the watcher has subscribed and been authorized to.
		200 (OK)		The Home RLS generates a 200 (OK) response to the NOTIFY request. The message is passed to PS as shown.
	Re	SUBSCRIB ment = presence, quest URI = Presentity pires = 7200,	<b></b>	The Resource List Server initiates a subscription request to the second user in the Resource List.

Watcher UE	ence Subscription to a Resource List)  Watcher IMS Network Pre	esentity IMS Networks	EventStudio System Designer 4.0
	200 (OK)		If all privacy conditions are met, PS sends a 200 (OK) response to the S-CSCF. 200 (OK) is passed
	NOTIFY  To = Home RLS, From = Presentity2 URI, Route = <watcher s-cscf="">, Event = presence, Presence information</watcher>		all the way to Watcher.  The presence server for the second user generates a NOTIFY request to update the subscription status.
	200 (OK)		The Home RLS generates a 200 (OK) response to the NOTIFY request. The message is passed to PS as shown.
e the subscription respor	ses and notify the Watcher UE	<u>.</u>	
To = Watcher UR: From = Resource Event = presence Presence informa	List SIP URI,		The Home RLS copies the body of the incoming NOTIFY request(s) into the body of the outgoing NOTIFY request to Watcher.
20	00 (OK)		The Watcher acknowledges the NOTIFY request with a 200 (OK) to the P-CSCF. The 200 (OK) is passed to RLS.