Watcher UE Watcher IMS Network		VIS Network	Presentity IMS Networks		EventStudio System Designer 4.0
Watcher User Equipment	Watcher Visited Network	Watcher Home Network	Presentity1 Home Network	Presentity2 Home Network	12-Apr-08 09:28 (Page 1)
is sequence diagram v entStudio source files	was generated with Even for this document can b	tStudio System Designer 4 e downloaded from http://	1.0 (http://www.EventH www.eventhelix.com/ca	elix.com/EventStudio). Call-flow/ims-presence-re	opyright $^{\hbox{$\odot$}}$ 2008 EventHelix.com Inc. All Rights Reserved. The source-list.zip.
esence information. U henever the friend pub	sers can subscribe to prolishes presence informa	esence information for the tion, the IMS presence fra	ir contacts. If the conta mework will notify the s	ct accepts their request, subscribed users.	uch service is network wide publication and subscription of the subscriber will be registered for presence notification.
id family" list, a Resou	rce List Server (RLS) in sinto a single NOTIFY r	the IMS subscribes to the	individual subscribers (presentities) on your be	the list of friends and family. When you subscribe to the "friend half. Once the RLS completes the registrations, it collates the
ser subscribes to the F	Resource List Server (RL	S)	"		
SUBS To = Resource From = Watche Event = Prese: Supported = e Route = <watch< td=""><td>r URI, nce, ventlist,</td><td></td><td></td><td></td><td>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.</td></watch<>	r URI, nce, ventlist,				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.
	Event = prese	Resource List SIP URI, 00, her S-CSCF>,			The P-CSCF looks up the serving network information for the Watcher public user identity that was stored during the registration procedure. The SUBSCRIBE request is forwarded to S-CSCF.
₹ 200	(OK) 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 To = Watcher From = Resour	state, Subscription JRI, To = Watcher	URI, ce List SIP			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.
ubscribe to the present	ce information of all the	users on the resource list.			
200	(OK) 200	(OK)			The Watcher acknowledges the NOTIFY request with a 200 (OK) to the P-CSCF. The 200 (OK) is passed to RLS.
		Expires = 7200	Presentity1 URI, , ,RLS>, <watcher s-cscf="">,</watcher>		Watcher S-CSCF performs an analysis of the Presentity URI and forwards the SUBSCRIBE request directly to the Presence PUA1 network's CSCF i.e. I-CSCF in the destination network.
		200 (OK)		
ne PS1 detects that Pre	esentity1's UE has been	switched off which modifie	es it presence state info	rmation.	
		To = Home RLS, From = Present Route = <watch event="presen" infor<="" presence="" td=""><td>ityl URI, er S-CSCF>,</td><td></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></watch>	ityl URI, er S-CSCF>,		PS sends a NOTIFY request with the current state of the presentity's presence information that the watcher has subscribed and been authorized to.

