3GPP TSG-CN1 Meeting #32   *Tdoc N1-031724*
Bangkok, Thailand, 27-31 October

Title:	**The requirement and feasibility of IMS watcher authentication**
Response to:	N1-031464 (S3-030654)
Release:	REL-6

Source:	CN1
To:	SA3
Cc:	SA1, SA2

Contact Person:
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Attachments: None

1. Overall Description:

CN1 thanks SA3 for the liaison statement regarding the requirement and feasibility of IMS watcher authentication.

CN1 has investigated the need for any watchers to be authenticated at the presence server in the IMS, and came to the following conclusion:

- For a watcher attached to and authenticated in IMS, the P-Asserted-Identity header is there in all requests, which uniquely identifies the originator of the request. Requesting the watcher to authenticate in addition would not bring any further security in the system. If some IMS service would need such an extra authentication for any reason, that is not prohibited but the ways how to do it should be outside of scope of 3GPP.

- Non-IMS watchers or watchers accessing the Presence information from a non-trusted IMS, would not have any P-Asserted-Identity in the request, thus their identity would not be known. Some mechanism to authenticate these watchers might be needed, but the exact mechanism is left to SA3 to decide on.

2. Actions:

To SA1 and SA2: none.

To SA3 group.

ACTION: SA3 is asked to take into consideration the analysis made above.

3. Date of Next TSG-CN1 Meetings:

CN1_33	16th – 20th February 2004	TBD, USA (NA friends of 3GPP)
CN1_34	10th – 14st May 2004	TBD, Croatia (EF3)