

joint API group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5)
Meeting #19, Montreal, CANADA, 8 – 12 July 2002

N5-020564

Title: LS back to SA1 and SA2 on enhanced user privacy and new security requirements for LCS.

Response to: Response LS from SA1 to SA3 on new security requirements for LCS,
LS from SA2 back to SA1 and SA3 on enhanced user privacy and new security requirements for LCS.

Release:

Work Item:

Source: CN5

To: SA1, SA2

Cc: SA3, LIF

Contact Person:

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Attachments: None

1. Overall Description:

CN5 thanks SA1 and SA2 for including us in the loop of Liaison Statements on the new security requirements for LCS.

After looking into the security and privacy aspects of the TS22.071 and the further items put forward between SA3 and SA1, CN5 believes that OSA already today is able to satisfy most of these aspects:

1. Client Authentication. Before Clients get access to Servers (Service Capability Features), authentication needs to take place between Clients and the OSA Framework. The OSA authentication mechanisms recently have been reviewed by SA3 and CN5 made improvements based on SA3's suggestions.
2. Client and Requestor Authorisation. Once Clients are authenticated, they can request to instantiate a Service Capability Feature (e.g. User Location or Presence and Availability Management). The OSA Framework will then contact the Service Capability Server and also forward the necessary Service Level Agreement data. In this Service Level Agreement data it could for instance be specified that the client is only allowed to query locations of specific subscribers, or that only specific requestors are authorised to request locations of specific users. The SCS then instantiates an SCF instance specifically for the client. During runtime this SCF instance will check that all Service Level Agreement aspects are guaranteed.
3. Privacy control. The Presence and Availability Management SCF (see TS29.198-14, v5.0.0) furthermore also allows subscribers to set their preferences. This could include information about which requestors are allowed to obtain presence and availability information about the subscriber.

However, we suggest that according to the workflow, SA1 (OSA adhoc) further studies whether new requirements on OSA are needed in order to fulfill all aspects related to security and privacy for LCS. Of course, CN5 is happy to assist SA1 in this matter.

2. Actions:

To SA1 (OSA Adhoc) group.

ACTION: CN5 requests SA1 (OSA Adhoc) to investigate whether new requirements on OSA are needed in order to fulfill all aspects related to security and privacy for LCS. SA1 is welcome to request help on this matter from CN5.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#20	23-27 Sept 2002	US east coast	CN
CN5#21	28 Oct – 1 Nov 2002	Dublin	Parlay