

Source: CN5
Title: LSs outgoing from CN5 between CN#17 and CN#18
Agenda item: 6.5.1
Document for: INFORMATION

N5-020904	LS from N5 to S1 : on Information Services
N5-020906	LS from N5 to S1 : on EnhancedUserNotification
N5-020910	LS from N5 to S1, S2 : on User Data management
N5-020911	LS from N5 to S1 : on Enhanced User privacy
N5-020912	LS from N5 to S1 : on IPSessionFunction
N5-021155	LS from N5 to S1, S2 : on User Data management requirements

Title: LS on clarification of Information Services requirements
Response to:
Release: REL-6
Work Item: OSA3

Source: CN5
To: SA1, SA2
Cc:

Contact Person:
Name: Chelo Abarca (Alcatel)
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Attachments: None.

1. Overall Description:

During the CN5#20 meeting in Miami, 23-26 Sept, CN5 has reviewed the TS 22.127 v6.1.0 and has started addressing the new requirements contained within.

As a result of the review of the requirements on Information Services Functions in clause 13.4 of TS 22.127, CN5 would like to receive clarification from SA1 and SA2 on a number of issues:

1. Is the information referred to in this requirement generic application information (in other words is the idea to offer a generic data storage capability), or is it rather a sort of application identity ?
2. How persistent does this information need to be ?
Is this persistency determined on a subscriber basis, or is it based on any other parameter ?
3. What additional capabilities, on top of Object Oriented persistent storage mechanisms, are required ?
4. Why should this information be transferred over the OSA API ?

Furthermore, CN5 would like to point out that it is aware that this requirement was present in Rel-5 as well, but that so far CN5 has not received any contribution in this area from an interested company.

2. Actions:

To SA1 group:

ACTION: CN5 asks SA1 to kindly reply to questions 1 through 4 listed above.

To SA2 group:

ACTION: CN5 asks SA2 to kindly reply to question 4 listed above.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#21	28-31 Oct 2002	Dublin, IRELAND	Parlay
TSG#18	3 - 12 Dec 2002	New Orleans, USA	NA Friends
CN5#22	27-30 Jan 2003	Bangkok	Parlay

Title: LS on Enhanced User Notification requirement

Response to:

Release: Release 6

Work Item: OSA3

Source: CN5

To: SA1

Cc:

Contact Person:

Name: Chelo Abarca

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Attachments: None.

1. Overall Description:

CN5 have studied during CN5#20 meeting, the SA1 OSA WID approved at SA#16 in Marco Island in Jun 2002 (S1-020590), as well as TS 22.127 version 6.1.0, resulted after implementation of the CRs in SP-020598, approved at SA#17 in Biarritz early Sep 2002.

The WID (S1-020590) includes an item called "Enhanced User Notification". On the other hand, there are no new requirements in TS 22.127 version 6.1.0 associated to this item.

Since OSA Rel-5 already provides some support of User Notification, and in the absence of any specific new requirement on this for Rel-6, CN5 would like to ask SA1 if the new requirements are to be expected in the future, or if the enhancements desired are already included in the existing requirements text. In the latter case, CN5 would be thankful for any further clarification on what these enhancements are intended to be.

2. Actions:

To SA1 group.

ACTION: CN5 asks SA1 group to provide the clarification described above on the Enhanced User Notification requirement.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#21	28-31 Oct 2002	Dublin, IRELAND	Parlay
TSG#18	3 - 12 Dec 2002	New Orleans, USA	NA Friends
CN5#22	27-30 Jan 2003	Bangkok, THAILAND	Parlay

Title: LS on clarification of User Data Management requirements
Release: Rel-6
Work Item: OSA3

Source: CN5
To: SA1, SA2
Cc:

Contact Person:

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Attachments: None.

1. Overall Description:

During the CN5#20 meeting in Miami, 23-26 Sept, CN5 has reviewed the TS 22.127 v6.1.0 and has started addressing the new requirements contained within.

As a result of the review of requirements on User Data Management and the Security Requirements on User Profile Management in clauses 7 and 10 of TS 22.127, CN5 would like to receive clarification from SA1 and SA2 on a number of issues:

1. CN5 would like to request SA1 to clarify the relationship between these requirements and the ongoing work on GUP. Does SA1 consider that these requirements are stable, or will they be further influenced by this ongoing work? CN5 would like to understand that these requirements are stable before commencing work on them.
2. There is a note in both clauses 7 and 10 that the ongoing work on Generic User Profile may have an influence and that it needs to be studied carefully. CN5 asks if SA1 are undertaking this study, and if so requests to be kept informed of ongoing developments which may have an impact on its stage 3 development work.
3. CN5 would like to ask SA1 and SA2 if CN5 should proceed with the stage 3 work in the absence of the definition of the structure and the elements of the User Profile data? This would mean that stage 3 would result in a generic data retrieval API.
4. CN5 requests information from SA2 related to the stage 2 aspects of the User Data Management requirement. This requirement implies that the user data can be distributed in the network, which could imply a central node to link to all the User Data in the network. CN5 asks SA2 if this assumption is correct.
5. CN5 asks SA1 if they have considered any relationship to LDAP for these requirements? And if so what does SA1 believe is the relation between OSA and LDAP?
6. The last sentence in clause 10 indicates that the mechanism of how a user maintains access rights is for further study. CN5 asks SA1 if it is safe to assume that this further study will not impact CN5's work during the Release 6 timeframe?
7. CN5 would like further clarification from SA1 of the requirements in clause 10. Are these to be understood as a more concrete description of the security aspects of the requirements of clause 7?
8. Are the requirements of clause 10 (security requirements on User Profile Management) intended to be addressed by CN5 at this stage, considering the absence of requirements on User Profile Management Functions in clause 13.3.3?

CN5 understands that the next SA1 Plenary takes place after CN5's next meeting. But in order to speed up the process of addressing the Release 6 requirements, CN5 kindly requests a reply to this liaison, from both SA1 and SA2, before our next meeting, 28 Oct - 1 Nov 2002, in Dublin.

2. Actions:

To SA1 group:

ACTION: CN5 asks SA1 to kindly reply to the questions listed above before CN5's next meeting, 28th October to 1st November in Dublin.

To SA2 group:

ACTION: CN5 asks SA2 to kindly reply to the questions listed above before CN5's next meeting, 28th October to 1st November in Dublin.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#21	28 Oct - 1 Nov 2002	Dublin, IRELAND	Parlay
TSG#18	3 - 12 Dec 2002	New Orleans, USA	NA Friends
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**joint API group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5)
Meeting #20, Miami, FLORIDA, USA, 23 - 27 Sep 2002**

N5-020911

Title: LS reply on Support of LCS enhanced user privacy in OSA
Response to: LS (S1-021717) on Support of LCS enhanced user privacy in OSA from SA1
Release: REL-6
Work Item: OSA3

Source: CN5
To: SA1 (LCS, OSA)
Cc:

Contact Person:

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Attachments: None.

1. Overall Description:

TSG CN5 thanks SA1 for the response to the LS "*on enhanced user privacy and the new security requirements for LCS*"

During the CN5#20 meeting, 23-26 Sept in Miami, CN5 has looked at the 22.127 v6.1.0 and for the new part related to enhanced user privacy (Access control to location information) we confirm that the requirement for access control does match with our understanding of privacy control.

CN5 believe it especially makes sense that the application can supply an optional requestor identity and an optional codeword when it requests for the location of a user via the OSA User Location API. The optional service identity that is also mentioned in the requirement might already have been supplied when the application has requested for the User Location SCF and signed the Service Agreement on the OSA Framework. Therefore, it needs to be studied in more detail whether this service identity needs to be supplied for each request the application makes.

Furthermore, CN5 concluded that there is enough information for interested companies to start contributing to the stage 3 work.

2. Actions: None.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#21	28 Oct - 1 Nov 2002	Dublin, IRELAND	Parlay
TSG#18	3 - 12 Dec 2002	New Orleans, USA	NA Friends
CN5#22	27-30 Jan 2003	Bangkok, THAILAND	Parlay

Title: LS on IP Session Function requirement

Response to:

Release: Release 6

Work Item: OSA3

Source: CN5

To: SA1

Cc:

Contact Person:

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Attachments:

1. Overall Description:

During their meeting in Miami, 23-27/9/02, CN5 have received version 6.1.0 of TS 22.127, approved in the Biarritz plenary, containing OSA requirements for Rel6.

In subclause 13.6, the IP Session Function requirement reads as follows: "*The IP session function enables applications to access information (read only) about IP sessions in progress between a UE and IP networks (i.e., the MSISDN and Session Correlation identifier) using the IP address of the UE*".

CN5 have discussed this requirement and have the following observation: the requirement says that the application would use an IP address to obtain e.g. the MSISDN, whereas so far CN5 has been under the assumption it would rather be the other way around. After off-line consultation with various companies' SA1 OSA SWG delegates it was clarified that the current text in TS 22.127 is actually as intended and thus correct.

After having had some discussion on the functionality of the requirement and potential use cases during their Miami meeting, it seems to CN5 that the other way around would be an interesting and useful requirement as well, i.e. using the MSISDN to obtain the IP address. It is clear that IP addresses and MSISDNs are sensitive information; however there are existing mechanisms in the OSA Framework that prevent unauthorised access by applications to information that the operator may not want to share. Specifically, OSA provides existing functionality to prevent a third party application provider to obtain the IP address for a given user in case the operator does not wish to share this information.

Given the existing OSA mechanisms for preventing unauthorized access to sensitive network information, CN5 would like to ask SA1 to consider whether this requirement for the retrieval of IP address based on the MSISDN would be a useful inclusion for TS 22.127.

In addition, given the initial confusion about the "direction" of the requirement, i.e. which address is used to obtain which information, CN5 would like to kindly request SA1 OSA SWG to present a use case for the original requirement, i.e. using the IP address to obtain the MSISDN. Such as use case is considered a very useful aid in understanding the requirement and to facilitate the progress of the stage 3 work.

2. Actions:

To SA1 group.

ACTION 1: CN5 asks SA1 to consider whether the variation on the IP Session Function requirement, i.e. retrieval of IP address based on MSISDN, would be a useful new OSA requirement.

ACTION 2: CN5 asks SA1 to provide a use case for the original IP Session Function requirement, i.e. retrieval of MSISDN based on IP address.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#21	28-31 Oct 2002	Dublin, IRELAND	Parlay
TSG#18	3 - 12 Dec 2002	New Orleans, USA	NA Friends
CN5#22	27-30 Jan 2003	Bangkok, THAILAND	Parlay

Title: LS on clarification of User Data Management requirements
Response to: LS (S1-022071/N5-021106) on clarification of User Data Management requirements from SA1
Release: Rel-6
Work Item: OSA-3

Source: CN5
To: SA1, SA2
Cc:

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1. Overall Description:

CN5 thanks SA1 OSA for the response LS (S1-022071/N5-021106) on User Data Management for Rel-6. Although a number of clarifications and new insights are given in this LS, CN5 still believes that the User Data Management is not stable enough to commence the stage 3 specification. The reasons are the following:

1. CN5 feels that in addition to the results of your study on the relationship of the OSA User Profile requirements and GUP, more material from SA2 on GUP architecture, mechanisms and data models and their relationship to OSA is needed in order to start the stage 3 work. For instance, we are not sure on how the OSA User Profile Manager can be based on or make use of GUP / GUP mechanisms
2. In the list that SA1 considers as a starting point for further investigations, the first item reads: "Both OSA and GUP mechanism grant secure access to user profile data, but GUP limit the access to the "generic part" of the user profile data while OSA may grant access to all parts of the user profile." CN5 is, however, unsure what is meant with the "generic part" of the user profile data in the GUP.

2. Actions:

To SA1 group.

ACTION: CN5 kindly asks SA1 group to forward the conclusion of your study on the issue of the relationship of the OSA User Profile requirements and GUP when this is ready. In addition we would like to learn a further understanding of what is meant with "generic part" of the user profile data in the GUP.

3. Date of Next CN5 Meetings:

Meeting	Date	Location	Host
CN5#22	27-30 Jan 2003	Bangkok, THAILAND	Parlay