

Title: Proposed Response to IETF LS on Interoperability Issues and SIP in IMS

Response to: Liaison Statement on Interoperability Issues and SIP in IMS (NP-020393)

Source: 3GPP TSG CN

Agenda item: 5.3

Document for: DECISION

To: 3GPP TSG SA

From: 3GPP TSG CN

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Attachments: -

1. Overall Description:

TSG-CN has considered the liaison from IETF addressing concerns about the 3GPP usage of SIP.

TSG-CN came to the following conclusions:

- TSG-CN supports the interoperability goals as stated in the liaison from IETF. However, any changes to IMS must be weighed against the effort and time required to do this alignment.
- The WGs should analyse the impacts of the specific interoperability issues identified by the IETF and determine the amount of work required to accommodate the IETF concerns. In many cases, the impacts involve not only protocol work, but also have architectural or requirements implications. It should be noted that a joint meeting between CN1 and SA2 to investigate these impacts has been tentatively planned for November, 2002.
- Those issue which can be readily addressed (without sacrificing 3GPP requirements) by the December 2002 plenary should be addressed as part of Release 5.
- For those issues which have a larger scope than what can be done by December 2002 or have significant requirements impacts, a workshop between the appropriate groups in IETF and 3GPP should be convened to address how any remaining non-compliances can or should be addressed (either by future work in 3GPP or by evolution of the SIP protocol).
- For alignments done after Release 5, IETF must be made aware that a primary requirement of 3GPP is to ensure backward compatibility between 3GPP releases. This is particularly important regarding for IMS functionality which is implemented in the terminal.

2. Actions:

To TSG SA

ACTION: TSG-CN requests that TSG-SA:

- Considering the above conclusions from TSG-CN as part of determining an overall 3GPP consensus on how to address SIP interoperability concerns from the IETF.
- If TSG-SA agrees with the above conclusions, then direct the appropriate SA WGs to work with the CN WGs in investigating the interoperability impacts and proposing corrective CRs (by the December meeting). In particular, it is requested that SA WGs review their current requirement, architectural, and security assumptions in light of the identified non-compliances and investigate if any simplifying relaxations or modifications are reasonable.
- Allow changes to the release 5 specifications in December that are produced due to the alignment effort.

- Send a response liaison to IETF indicating that 3GPP supports the interoperability goals outlined in the IETF liaison and is undertaking to investigate what alignment can be done in the short term (Release 5). Also indicate that 3GPP encourages future collaboration with IETF to address those interoperability issues that cannot be quickly addressed. [Futhermore, ensure that IETF understands the backwards compatibility constraints that 3GPP must conform to for work done in future releases of IMS.](#)

3. Date of Next CN4 Meetings:

CN#18

4th Dec. – 6th Dec. 2002

New Orleans, USA