

Source: Ericsson and Nokia
Title: IETF-53: Security Mode Set-up in SIP
Agenda item: TBD
Document for: Information

1 Scope and objectives

This document summarises the status of Security Mode Set-up discussed in SIP and SIPPING Working Groups in IETF-53, Minneapolis, 17th –22nd, 2002.

2 Security Mode Set-up in SIP

The need for "security mode set-up" in SIP was discussed in IETF-52. It was concluded that the issue is relevant for SIP, however, there was no agreement whether the existing SIP headers (e.g. Supported/Require) or new headers should be used. The solution draft was re-written, a more IETF suitable stateless approach to negotiation was chosen, and the draft was submitted to IETF-53 [Secure-Agreement].

In IETF-53, the SIP WG approved the document as an official working group item. Some comments were received (e.g. it should be stated more clearly that the approach requires always some basic security).

Requirements for the security mode set-up have appeared in [SIPPING-AGR] for the SIPPING WG. As the problem and solution has now been adopted by the SIP WG, it is no longer necessary to progress the requirements draft.

A new version of the solution draft will be submitted to SA3 and IETF soon. This version takes in account all comments received in the IETF meeting. Note that the recent decision by SA3 to adopt IPsec as the integrity protection mechanism for the UE – P-CSCF traffic may have an impact on this draft as well. The SA3 members are strongly encouraged to contribute necessary add-ons either directly to this draft or as a separate draft.

In order to fulfil Release 5 time schedules and complete the IETF process for getting an RFC number, the solution draft needs to be updated and IETF Last Call started within few weeks.

3 References

[Secure-Agreement] Arkko et al, "Security Mechanism Agreement for SIP Sessions", IETF, Work in progress, February 2002, draft-arkko-sip-sec-agree-01.txt.

[SIPPING-AGR] Arkko et al., "Requirements for SIP Security Mechanism Agreement", IETF, Work in progress, February 2002, draft-uusitalo-sipping-algorithm-agreement-00.txt.