3RD GENERATION PARTNERSHIP PROJECT 2 "3GPP2"

3GPP2 CORRESPONDENCE

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Mr. Magnus Olsson
Chair, 3GPP TSG SA 2
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Re: Architecture for IMS VoIP on HRPD/WLAN Handoff to CS

Dear Magnus:

TSG-X is working on handoff of a voice call from IMS VoIP on HRPD/WLAN to CS. While that work is still ongoing, we have reached an architectural decision regarding handoff. We have decided that this handoff scenario shall be supported via a call origination from the MS/UE onto the CS network, supported by an IMS function that will reroute the bearers in the core network. This is known as the "Call Transfer" or "IMS Based Call Control" approach.

TSG-X is continuing work on this area of inter-technology handoff.

TSG-X wants to inform TSG SA 2 of this decision and suggest that there may be commonality on the IMS part. TSG-X, of course, encourages that any possible alignment within the technical areas of the IMS part supported by 3GPP SA 2 WID named Voice Call Continuity, be considered without delaying the progress of the work.

We have attached TSG-X MMD contribution, X32-20050926-005 DOto1X-Arch_BasicHandoff-NT-LU-QC, which contains a diagram of the architecture adopted by MMD. The IMS part of that contribution contains the architecture, example call flow, and application server descriptions/functionality which are being further developed by the ongoing work in TSG-X MMD, and are candidates for alignment (e.g. registration, call origination, call termination).

Please feel free to contact me with any questions.

Regards,

Betsy Covell

Betsy Covell
Chair, 3GPP2 TSG-X

Att: X32-20050926-005 DOto1X-Arch_BasicHandoff-NT-LU-QC

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