

Source: TSG CT WG1
Title: New IMS Application WID for missing features
Agenda item: 6.1.1
Document for: APPROVAL

Introduction

This WID has been approved by CN1 at CN1#37 and forwarded to CN-27 for approval. Unfortunately at that meeting it was not possible to gain sufficient supporting companies.

The changes to the proposed WI at this meeting are the splitting of the original policy control item into two: conference control and policy control; to reflect the current direction of discussions in IETF XCON, and the addition of Nortel as a supporting company.

Work Item Description

Title

IMS Applications – Missing Features

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

3 Justification

In Release 5, the IMS was defined to support IP Multimedia services. The feature set in Release 5 provides a basis for IP Multimedia support. During release 6, additional applications were developed, but due to IETF dependencies, such applications could not be completed in release 6

4 Objective

The objectives of this work item are to finalise Stage 3 work on postponed Release 6 features for IP multimedia applications

1. Conference control for IM CN subsystem conferencing
This item is to provide any additional specification at the Ut reference point that may be necessary in support of conference control.
Note: There is ongoing work in the IETF XCON group that needs to be taken into account in conjunction with this area.
2. Policy control for IM CN subsystem conferencing
This item is to provide any additional specification at the Ut reference point that may be necessary in support of conference policy control.
Note: There is ongoing work in IETF SIMPLE and XCON groups that needs to be taken into account in conjunction with this area. The need for a standardized interface separate from the conference control is still being discussed in IETF XCON.
3. Floor control for IM CN subsystem conferencing
This item is to provide any additional specification that may be necessary in support of floor control, and the appropriate SDP and conference policy control to support provision of a floor control server.
Note: There is ongoing work in IETF XCON and MMUSIC groups that needs to be taken into account in conjunction with this area.
4. Extensions to conferencing related SIP procedures
This item is to provide any additional specification that may be necessary to enhance and extend SIP procedures that are related to IM CN subsystem conferencing (e.g. SIP URI list service).
Note: There is ongoing work in IETF SIPPING group that needs to be taken into account in conjunction with this area.
5. IM CN subsystem Group management for messaging
This item is to provide any additional specification at the Ut reference point necessary to support the IM CN subsystem capabilities to facilitate group-enabled services (e.g., chat).

Mechanisms should cover both page-mode messaging and session-mode messaging.
 Note: There is ongoing work in IETF XCON and SIMPLE groups that needs to be taken into account in conjunction with this area.

5 Service Aspects

Service requirements are covered by existing release 6 stage 1 specifications.

6 MMI-Aspects

None. MMI Aspects are covered by other work item descriptions.

7 Charging Aspects

None. Charging Aspects are covered by other work item descriptions. Within release 5 there are protocol mechanism providing in support of charging, and these may require enhancement by work areas described by this work item.

8 Security Aspects

Security aspects are already covered by existing release 6 security specifications e.g. GAA.

9 Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		X		X	
No			X		
Don't know	X				X

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
24.147		Conferencing using the IM CN subsystem; Stage 3		CN#30	Provision of conference policy control protocol	
24.147		Conferencing using the IM CN subsystem; Stage 3		CN#30	Provision of floor control protocol	
24.147		Conferencing using the IM CN subsystem; Stage 3		CN#30	Provision of additional SIP procedures	
24.247		Messaging service using the IM CN subsystem; Stage 3		CN#30	Provision of group management for page mode	
24.247		Messaging service using the IM CN subsystem; Stage 3		CN#30	Provision of group management for session mode	
24.229		SIP and SDP stage 3		CN#30	Provision of additional SIP procedures for conferencing	

11 Work item rapporteur(s)

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12 Work item leadership
CN1**13 Supporting Companies**

Lucent Technologies, Infineon Technologies, Nortel

14 Classification of the WI (if known)

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature

IMS Phase 2 (unique id 32021)

14c The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)

form change history:
v1.11.0: includes those changes from v1.8.0 agreed at SP-25.
v1.10.0: full circle
v1.9.0: a clean sheet
v1.8.0: includes comments from SA#24
v1.7.0: includes comments from RAN, CN and T #24; also includes "early implementation" data
v1.6.0: includes comments made during review period prior to TSGs#24
v1.5.0: includes comments made at TSGs#23 (Phoenix)
v1.4.0: offered to SA#23 for approval
v1.3.0: offered to CN#23, RAN#23 and T#23 for comments
DRAFT4 v1.3.0: 2004-03-09: Incorporation of comments from Leaders list
DRAFT3 v1.3.0: 2004-02-19: Incorporation of comments from MCC members
DRAFT2 v1.3.0: 2004-01-29: Complete redraft:
v1.2.0: 2002-07-04: "USIM" box changed to "UICC apps"
2003-05-28: spelling of "rapporteur" corrected
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1. Conference control for IM CN subsystem conferencing

This item is to provide any additional specification at the Ut reference point that may be necessary in support of conference control.

Note: There is ongoing work in the IETF XCON group that needs to be taken into account in conjunction with this area.

1.2. Policy control for IM CN subsystem conferencing

This item is to provide any additional specification at the Ut reference point that may be necessary in support of conference policy control.

Note: There is ongoing work in IETF SIMPLE and XCON groups that needs to be taken into account in conjunction with this area. The need for a standardized interface separate from the conference control is still being discussed in IETF XCON.

2.3. Floor control for IM CN subsystem conferencing

This item is to provide any additional specification that may be necessary in support of floor control, and the appropriate SDP and conference policy control to support provision of a floor control server.

Note: There is ongoing work in IETF XCON and MMUSIC groups that needs to be taken into account in conjunction with this area.

3.4. Extensions to conferencing related SIP procedures

This item is to provide any additional specification that may be necessary to enhance and extend SIP procedures that are related to IM CN subsystem conferencing (e.g. SIP URI list service).

Note: There is ongoing work in IETF SIPPING group that needs to be taken into account in conjunction with this area.

4.5. IM CN subsystem Group management for messaging

This item is to provide any additional specification at the Ut reference point necessary to support the IM CN subsystem capabilities to facilitate group-enabled services (e.g., chat).

Mechanisms should cover both page-mode messaging and session-mode messaging.
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No			X		
Don't know	X				X

Expected Output and Time scale (to be updated at each plenary)

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