


**3GPP TSG-CN WG1 and SA WG2 joint meeting on SIP
 3.-4.4.2001, Sophia Antipolis, France
 and CN1 SIP workhop on the 5.4.2001
 3GPP TSG CN Plenary
 Meeting #12, Stockholm, Sweden
 13th - 15th June 2001**

Tdoc N1-010500
 (Sophia0104.rtf)

Tdoc NP-010261

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Documents for CN1 – SA2 joint meeting on SIP, Sophia Antipolis, France						Cyan cells indicate an allocated but not available tdoc	Yellow cells indicate an available but not yet treated tdoc
Documents for CN1 – SA2 joint meeting 3.-4. April 2001							
Agenda item	Agenda item title	Tdoc 3GPP N1-01	Title	Source	WI	Spec	Result
1	Opening & Agenda Tuesday 3.Apr.2001		Make calls for IPRs	MCC			Noted.  N1-001051.zip
		N1-010500	Agenda	Chairman			Agreed.
2	Reports Tuesday 3.Apr.2001 2		Summary of IETF documents on SIP	Lucent Technologies / Keith Drage		--	Noted. IETF SIP group is being split in two groups: <ul style="list-style-type: none"> • SIP drafts and extensions (SIP) • The applications of SIP (SIPPING)
		N1-010523					

	2	N1-010524	Summary of IETF documents on SIPPING	Lucent Technologies / Keith Drage	--	Noted.
	2	N1-010525	Summary of IETF documents on SIMPLE	Lucent Technologies / Keith Drage	--	Noted.
	2	N1-010526	Summary of IETF documents on MMUSIC	Lucent Technologies / Keith Drage	--	Noted.
3	Input Liaison statements Tuesday 3.Apr.2001 3		Only SIP & IM subsystem related LSs are provided for this meeting			
	3	N1-010502	Reply LS for " IM User Identities "	TSG SA WG2		Noted. Private identity is permanently allocated for IM subscribers for Registration, Authorization, Administration and Accounting purposes. Authentication takes place during registration. No user registrations of behalf of other users are required for Rel-5. Proposal that INVITE should contain an identity which can be authenticated (i.e. private identity, or alternatively authenticating a public identity could be also considered)
	3	N1-010503	LS for "IM Subsystem Address Storage on USIM "	T3		Noted. T3 say that storing a URL-like identity on USIM is feasible provided the amount of data to be stored is reasonable.

3	N1-010504	Liaison Statement on IMS Service Provision	3GPP TSG SA2	<p>Noted. Forwarded to 23.218 joint meeting on CN1 #17 Besides the Cx interface SA2 agreed on a single standardised protocol to be supported by the S-CSCF for service control. Guidelines for further details are summarised in a new chapter to 23.228. SA2 will have a meeting later this week to define the protocol requirements. The attachment was missing in this document but it has been already incorporated in 23.228 and can be reviewed there.</p>												
4	SIP Work Plan for TSGN WG1 Tuesday 3.Apr.2001			<p>Meeting calendar for 2001:</p> <table border="0"> <tr> <td data-bbox="1491 751 1648 815">15.- 19.Jan.2001</td> <td data-bbox="1659 751 1895 783">CN1 #15, Beijing</td> </tr> <tr> <td data-bbox="1491 823 1648 887">7.- 8.Feb.2001</td> <td data-bbox="1659 823 2029 967">Joint SA1-CN1-RAN2-RAN4-GERAN1 idle mode workshop (Nokia, Helsinki/Finland)</td> </tr> <tr> <td data-bbox="1491 975 1648 1078">13.- 15.Feb.2001</td> <td data-bbox="1659 975 2029 1046">CN1-SA2 SIP joint meeting (AT&T, New Jersey/USA)</td> </tr> <tr> <td data-bbox="1491 1086 1603 1190">1 26.Feb- 1.Mar. 2001</td> <td data-bbox="1659 1086 2029 1158">CN1 #16, CN1-2-3-4 (ETSI, Sophia Antipolis / France)</td> </tr> <tr> <td data-bbox="1491 1198 1648 1302">14.- 16.Mar.2001</td> <td data-bbox="1659 1198 1984 1270">CN #11, (Palm Springs / USA)</td> </tr> <tr> <td data-bbox="1491 1310 1626 1382">1 3.-4. Apr.2001</td> <td data-bbox="1659 1310 2029 1425">CN1-SA2 SIP joint meeting (ETSI, Sophia Antipolis / France)</td> </tr> </table>	15.- 19.Jan.2001	CN1 #15, Beijing	7.- 8.Feb.2001	Joint SA1-CN1-RAN2-RAN4-GERAN1 idle mode workshop (Nokia, Helsinki/Finland)	13.- 15.Feb.2001	CN1-SA2 SIP joint meeting (AT&T, New Jersey/USA)	1 26.Feb- 1.Mar. 2001	CN1 #16, CN1-2-3-4 (ETSI, Sophia Antipolis / France)	14.- 16.Mar.2001	CN #11, (Palm Springs / USA)	1 3.-4. Apr.2001	CN1-SA2 SIP joint meeting (ETSI, Sophia Antipolis / France)
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4	N1-010501	Discuss if 2 days is sufficient for the July SIP ad hoc meeting?	MCC
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8.-9.May 2001	CN1 old stuff ad hoc (Nokia / Helsinki, Finland)
14.-18.May 2001	CN1 #17, CN1-2-3-4 (North American friends of 3GPP / Puerto Rico / USA)
13.- 15.Jun.2001	CN #12 (Ericsson / Stockholm)
11.- 12.Jul.2001	CN1 SIP ad hoc with 11.7. joint CN1-2-3-4 (Dresden, Germany / Mannesmann)
27.- 31.Aug.2001	CN1 #18 (Host needed)
19.- 21.Sep.2001	CN #13 (China)
15.- 19.Oct.2001	CN1 #19 (BT, Vodafone, Lucent / UK)
26.- 30.Nov.2001	CN1 #20 (North American friends of 3GPP / USA)
12.- 14.Dec.2001	CN #14 (Japan)
Noted.	

5	Technical issues Tuesday – Wednesday 3.-4.Apr.2001						
5.1	CN1 related issues that arise from 23.228 5.1	N1-010519	This meeting has no mandate to approve 23.228 CRs Modifications to Registration flows in 23.228	Nokia/ Balazs Bertenyi		23.228	Noted. <ul style="list-style-type: none"> • At the moment some of the CN1 working assumptions are not reflected in 23.228 and consequently either 23.228 or 24.228 CRs will be needed. • Is the I-CSCF the right place to decide the operator policy on network topology hiding? • Is the path to S-CSCF selected at the REGISTER or INVITE?
5.2	Storing confidential information in UE / P-CSCF / S- CSCF						
5.3	Registration call flows						

5.3	N1-010506	Proposal for better alignment of PATH header with IETF SIP	Siemens	<p>Noted.</p> <p>Proposal that instead of using the route header to store the path the proxy could use an algorithm at location server to determine the next hop on the call path. The principle would still be that the path is stored at registration time.</p> <p>Also proposal that the P-CSCF name should be given to the S-CSCF in contact header rather than in PATH header.</p> <p>What is the difference between path and home contact? -> Both would need to be documented as part of SIP, either by changing the meaning of path header or by adding new header(s).</p>
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5.3	N1-010507	Clarification of network topology hiding procedure	Siemens	<p data-bbox="1491 76 1585 108">Noted.</p> <p data-bbox="1491 116 2002 225">Analysis that 23.228 and 24.228 do not agree on which entity decides upon the network topology hiding.</p> <ul data-bbox="1491 233 2047 960" style="list-style-type: none"> <li data-bbox="1491 233 2047 341">• Is it I-CSCF or S-CSCF which decides if network topology hiding is needed or not? <ul data-bbox="1541 349 2002 651" style="list-style-type: none"> <li data-bbox="1541 349 2002 533">• Neither the I-CSCF, nor the S-CSCF has not got the complete information on the network topology so it can not make the decision alone. <li data-bbox="1541 541 2047 651">• Whichever entity makes the decision, I-CSCF must be aware of this decision to implement it. <li data-bbox="1491 659 2047 730">• What method (token or algorithm) is used for network topology hiding? <ul data-bbox="1541 738 2018 882" style="list-style-type: none"> <li data-bbox="1541 738 2018 882">• Is the method implementation specific or does it need to be specified e.g. due to multivendor network? <li data-bbox="1541 890 2047 960">• It was agreed that multivendor environment needs to be supported.
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5.3	N1-010508	All in one Registration	Nokia/Bertenyi Balazs	IMS-CCR	24.228	Noted. <ul style="list-style-type: none"> • Comment that the relation of all public identities to the single private identity is not desirable. • Comment that the need to maintain separate expiration timers still exists • All in one registration could only apply to multiple public identities within the same domain. • Based on the comments it is clear that also the possibility to register public identities one by one is also needed. • Why not include the new identifiers header to the request also, not only to 200 OK response? • It was proposed that the optimisation should be done at the radio interface and the S-CSCF could trigger multiple registrations when it receives an all in one registration request.
5.3	N1-010520	Using the PATH header in registration flows	Nokia/Gabor Bajko	IMS-CCR	24.228	Revised to N1-010562
5.3	N1-010536	DNS Access During Registration	Lucent Technologies / Milo Orsic	IMS-CCR	24.228	Revised to N1-010564
5.3	N1-010537	P-CSCF Discovery	Lucent Technologies / Milo Orsic	IMS-CCR	24.228	Revised to N1-010563 P-CSCF in the serving network may be discovered by a mobile supporting DNS and DHCP may use DHCP mechanisms to acquire the P-CSCF address or this can be explicitly indicated in the ACTIVATE PDP CONTEXT ACCEPT message.

	5.3	N1-010538	Editorial comments on 24.228	Lucent Technologies / Xin Chen	IMS-CCR	24.228	<ul style="list-style-type: none"> • Agreed all points except for point 3, 13 and 14 which need to be discussed separately • Point 3: The current notation referring to the previous contents of the same header by means of using blank header contents was agreed to be misleading in some cases. A contribution to cover this issue will be drafted for the next meeting. • Point 13: Agreed the principle and contribution is invited to implement this principle • Point 14: Agreed the principle and a contribution needs to be made to implement the change to 24.228.
1.	5.3	N1-010546	Problems with Path: header & alternative solution proposal	Ericsson			<p>Noted. Alternative proposal challenging the current working assumption on the usage of path header.</p> <ul style="list-style-type: none"> • Proposal that contact header could be used instead of path. • P-CSCF would modify the contact header for S-CSCF to store for subsequent MT calls.
	5.3	N1-010549	Modification to Registration Signalling: User Not Registered	Motorola Inc / John O'Hare	IMS-CCR	24.228	Agreed to be put to Annex A of 24.228
	5.3	N1-010550	Mobile Initiated Deregistration	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Revised to N1-010565
	5.3	N1-010562	Using the PATH header in registration flows	Nokia/Gabor Bajko	IMS-CCR	24.228	Agreed. Revision of N1-010520

5.3	N1-010563	P-CSCF Discovery	Lucent Technologies / Milo Orsic	IMS-CCR	24.228	Agreed. Revision of N1-010537
5.3	N1-010564	DNS Access During Registration	Lucent Technologies / Milo Orsic	IMS-CCR	24.228	Agreed. Revision of N1-010536
5.3	N1-010565	Mobile Initiated Deregistration	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Revised to N1-010580 Revision of N1-010550
5.3	N1-010566	Path header enhancements	Ericsson / Steve Terrill	IMS-CCR		Noted.
5.3	N1-010580	Mobile Initiated Deregistration	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Agreed. Revision of N1-010565
5.4	SIP INVITE related call flows					
5.4	N1-010509	Corrections to PSTN-T flows in 24.228	Nortel Networks	IMS-CCR	24.228	Revised to N1-010570
5.4	N1-010510	Media-Authorization header contents	ATT/Bill Marshall	IMS-CCR	24.228	Agreed.
5.4	N1-010511	Remote-Party-ID header contents	ATT/Bill Marshall	IMS-CCR	24.228	Agreed.

5.4	N1-010512	Record-Route vs. modification of Contact	ATT/Bill Marshall	IMS-CCR	24.228	Noted. How should the P-CSCF handle INVITE and REGISTER requests: <ul style="list-style-type: none"> • modify the contact header? • adding itself to record-route header?
5.4	N1-010513	Record-Route hiding	ATT/Bill Marshall	IMS-CCR	24.228	Agreed.
5.4	N1-010514	Session Hold and Resume Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Agreed.
5.4	N1-010515	Anonymous Session Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Agreed.
5.4	N1-010516	Codec negotiation Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Revised to N1-010569
5.4	N1-010517	Session Redirection Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Revised to N1-010571
5.4	N1-010518	Session Transfer Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Withdrawn
5.4	N1-010522	Session timer	Nokia/Balazs Bertenyi		23.228/ 24.228	Postponed, go back and see N1-001438 first.
5.4	N1-010529	Enhancement to Signalling flows for session initiation to allow multimedia establishment	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Agreed.
5.4	N1-010530	Signalling flows for addition of another media to an existing session	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Revised to N1-010572
5.4	N1-010545	Problems with Via: Hiding	Ericsson			Noted.
5.4	N1-010547	PSTN Termination	Telcordia			Noted. The analysis was supported but it was proposed that it would be SA2 issue to look at potential consequences on 23.228.

5.4	N1-010548	Interworking between IMS and CS domain	CommWor ksSK Telecom	IMS-CCR	23.228	Noted. Proposal on how to handle calls from IMS to CS domain. <ul style="list-style-type: none"> • The presented scenario for calls from IMS to CS was seen reasonable • Some IMS services may not roam to CS • Bypassing BGCF and going straight to MGCF from I-CSCF was seen as a possible optimisation of the proposal • WI mandate? • Service requirements?
5.4	N1-010569	Codec negotiation Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Agreed. To be reviewed for approval in CN1 SIP ad hoc 5.4.2001. Revision of N1-010516
5.4	N1-010570	Corrections to PSTN-T flows in 24.228	Nortel Networks	IMS-CCR	24.228	Agreed Revision of N1-010509
5.4	N1-010571	Session Redirection Procedures	ATT/Bill Marshall	IMS-CCR	24.228	Agreed. Revision of N1-010517
5.4	N1-010572	Signalling flows for addition of another media to an existing session	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Agreed. Revision of N1-010530

5.4		N1-010576	Record-Route vs. modification of Contact	Nokia, Ericsson, BT	IMS-CCR	24.228	<p>Agreed.</p> <ul style="list-style-type: none"> • Proposal to change the current approach that P-CSCF modifies the contact header and to require from P-CSCF that it adds itself to the Record-Route. • The originators are requested to draft a contribution to implement this change to 24.228. • All delegates are requested to take this decision into account when they draft new contributions against 24.228.
5.5	Emergency call flows						
5.6	Release call flows 5.6	N1-010535	Signalling flow for session release	Lucent Technologies / Keith Drage	IMS-CCR	24.228	
5.7	Exception case call flows 5.7	N1-010521	Exceptional cases in the registration flows	Nokia/Gab or Bajko		24.228	<p>The proposed principle was agreed and the originator is invited to draft a contribution against 24.228 to implement this principle. Why is it I-CSCF and not P-CSCF which decides whether to send an error message to the UE or not? -> P-CSCF has got no knowledge of any (other) S-CSCF in home network.</p>

5.7	N1-010527	Proposed flows for Registration exception conditions	Lucent Technologies / Stinson Mathai		24.228	Noted.
5.7	N1-010528	Proposed flows for Session Initiation exception conditions	Lucent Technologies / Stinson Mathai		24.228	Noted.
5.7	N1-010531	Signalling flow for session establish reject by called UA (busy here)	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Agreed.
5.7	N1-010532	Signalling flow for session establish reject due to terminal out of radio coverage	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Noted. LS out in N1-010579 How to inhibit the waste of the radio resources in MT INVITE in case the UE has lost radio coverage? <ul style="list-style-type: none"> • At least SA2 and CN1, maybe also CN4 specifications are impacted • It was agreed that SA2 needs to take the lead with any necessary 23.060 changes.
5.7	N1-010533	Signalling flow for session establish reject due to service reject on 200 OK response	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Noted. <ul style="list-style-type: none"> • The problem was seen as a real one but more time to study the alternatives is needed. • Is this only CN1 decision?
5.7	N1-010534	Signalling flow for session establish reject due to service reject on INVITE request	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Revised to N1-010573

5.7	N1-010551	Registration Failure - Roaming Not Allowed	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Withdrawn.
5.7	N1-010552	Re- Registration - S-CSCF From Previous Registration not Available	Motorola Inc / John O'Hare	IMS-CCR	24.228	Agreed.
5.7	N1-010553	Registration Failure - Cx-Location Transaction Failure	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Revised to N1-010574
5.7	N1-010554	Registration Failure - Cx-Profile Transaction Failure	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Revised to N1-010575 Postponed, see N1-010521 first.
5.7	N1-010573	Signalling flow for session establish reject due to service reject on INVITE request	Lucent Technologies / Xin Chen	IMS-CCR	24.228	Agreed. Revision of N1-010534
5.7	N1-010574	Registration Failure - Cx-Location Transaction Failure	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Withdrawn Postponed, see N1-010521 first. Revision of N1-010553
5.7	N1-010575	Registration Failure - Cx-Profile Transaction Failure	Motorola Inc / Andrew Allen	IMS-CCR	24.228	Withdrawn Postponed, see N1-010521 first. Revision of N1-010554
5.8	Other call flows					

5.8	N1-010557	Interworking with basic SIP phones	Telcordia				Noted and agreed the analysis in the document with the following comments: <ul style="list-style-type: none"> • The responsibility within CN WGs to be clarified in the joint meetings during CN1 #17. • Is this issue part of CN3 WI on interworking between IMS and other IP based networks? • Is there any impact on 23.228? -> section 5.4 seems to need a change -> This part is SA2 issue. • There seems to be two levels of this incompatibility issue: <ul style="list-style-type: none"> • SIP with or without IETF controlled extensions • (SIP + IETF controlled extensions) with or without 3GPP specific extensions
5.8	N1-010583	Designing call flows for home network hiding without path headers	Dynamics of t / Dean	IMS-CCR	24.228	Revised to N1-010591	
5.8	N1-010591	Designing call flows for home network hiding without path headers	Dynamics of t / Dean	IMS-CCR	24.228	Not treated due to lack of time. Revision of N1-010583	

5.9	Other technical issues						<p>It was agreed to store the latest reference versions of 23.218, 24.228 and 24.229 on the 3GPP server under latest drafts. The procedure is defined as follows:</p> <ol style="list-style-type: none"> 1. The rapporteurs implement the changes agreed in CN1 meeting 2. The rapporteurs email the new reference version with all agreed changes incorporated to CN1 MCC expert Per Johan Jørgensen 3. Per gets the new reference spec uploaded to latest drafts... 4. ...and sends an email to CN1 mailing list. 5. The latest reference version must be used as the reference for all proposed changes in the following CN1 meetings. 6. The delegates are requested to indicate the reference version when requesting a CN tdoc number to propose a change on any of these TSs
5.9		N1-010505	24.228v040 “Signalling flows for the IP multimedia call control based on SIP and SDP”	Motorola Inc / John O’Hare	IMS-CCR	24.228	Noted.
5.9		N1-010555	24.228 Gap Analysis and Co-Ordination	Motorola Inc / John O’Hare		24.228	Noted. The rapporteur was encouraged to keep this document up to date as an easy access to the status of the WT (=TS 24.228)
5.9		N1-010556	TS 23.218 v050 on IP Multimedia (IM) Session Handling	BT	IMS-CCR	23.218	Noted.

	5.9	N1-010561	Stream Call Model for the IMS	Lucent Technologies / Janusz Dobrowolski	IMS-CCR	24.228	Noted. It was highlighted that this is a logical model only and it does not take any position to which entity implements it.
6	LS out Wednesday 4.Apr.2001						
	6	N1-010567	LS to SA3 proposing joint meeting	Motorola / Andrew Allen	IMS-CCR	---	Revised to N1-010577
	6	N1-010568	LS to SA1 and SA2 on IM roaming requirements	Motorola / Andrew Allen	IMS-CCR	---	Revised to N1-010578
	6	N1-010577	LS to SA3 proposing joint meeting	Motorola / Andrew Allen	IMS-CCR	---	Revised to N1-010581
	6	N1-010578	LS to SA1 and SA2 on IM roaming requirements	Motorola / Andrew Allen	IMS-CCR	---	Revision of N1-010567 Rejected.
	6	N1-010579	Proposed LS related with N1-010532	Keith			Revision of N1-010568 Revised to N1-010582
	6	N1-010581	LS to SA3 proposing joint meeting	Motorola / Andrew Allen	IMS-CCR	---	Revised to N1-010588
	6	N1-010582	Proposed LS related with N1-010532	Keith			Revision of N1-010577 Agreed.
	6	N1-010588	LS to SA3 proposing joint meeting	Motorola / Andrew Allen	IMS-CCR	---	Revision of N1-010579 Agreed.
							Revision of N1-010581

7	A.O.B. Wednesday 4.Apr.2001 7						
		N1-010584		Motorola / Andrew	IMS-CCR		Not treated due to lack of time.

Documents for CN1 SIP meeting 5. April 2001

Agenda item	Agenda item title	Tdoc 3GPP N1-01	Title	Source	WI	Spec	Result
8	24.229 PICS Proforma tables Thursday 5.Apr.2001 8	N1-010539	Current draft 24.229: "IP Multimedia Call Control Protocol based on SIP and SDP"	Lucent Technologies / Keith Drage	IMS-CCR	24.229	Noted with the agreement that sections 6.2.1, 9.1.1, 9.2.1, 9.3.1, 9.4.1 and 9.5.1 need to be moved to Annex A which is the temporary storage of material which is not yet considered stable enough to be moved to the main body of the meeting. Revised to N1-010585
8		N1-010540	Table for roles	Lucent Technologies / Keith Drage	IMS-CCR	24.229	
8		N1-010541	Table for major capabilities	Lucent Technologies / Keith Drage	IMS-CCR	24.229	Not treated due to lack of time.
8		N1-010542	Proposed completion of the table for Proxy-Require	Lucent Technologies / Keith Drage	IMS-CCR	24.229	Revised to N1-010586

8	N1-010543	Editorial comments on 24.229	Lucent Technologies / Keith Drage	IMS-CCR	24.229	Not treated due to lack of time.
8	N1-010558	Support SIP Methods for Proxy Role	Motorola Inc / Andrew Allen	IMS-CCR	24.229	Revised to N1-010589
8	N1-010559	Record-Route Usage for TS 24.229	Motorola Inc / Andrew Allen	IMS-CCR	24.229	Revised to N1-010590
8	N1-010560	An analysis of the requirements for the Route header	Lucent Technologies / Keith Drage	IMS-CCR	24.229	Revised to N1-010587
8	N1-010585	Table for roles	Lucent Technologies / Keith Drage	IMS-CCR	24.229	Agreed. Revision of N1-010540

8	N1-010586	Proposed completion of the table for Proxy-Require	Lucent Technologies / Keith Drage	IMS-CCR	24.229	<p>Agreed.</p> <p>Agreed the principles as minuted below but the detailed contents of this document need to be revised to another tdoc.</p> <ul style="list-style-type: none"> • It was agreed that separate tables covering the UA and the Proxy requirements are needed. • Discussion on whether Proxy acting towards UA should be kept separate from the Proxy-Proxy behaviour. • Agreed to remove the tables defining the requirements for Proxy acting towards a UA. -> consequently the tables defining Proxy acting towards another Proxy need to be modified to include both cases. • It was noted that IETF SIP specs allow optionally encoding headers to messages where they do not seem very useful from 3GPP perspective. A contribution indicating the unnecessary options was considered but there was no decision on this issue.
8	N1-010587	An analysis of the requirements for the Route header	Lucent Technologies / Keith Drage	IMS-CCR	24.229	<p>Revision of N1-010542</p> <p>Agreed.</p>
8	N1-010589	Record-Route Usage for TS 24.229	Motorola Inc / Andrew Allen	IMS-CCR	24.229	<p>Revision of N1-010560</p> <p>Agreed.</p> <p>Revision of N1-010559</p>
8	N1-010590	Record-Route Usage for TS 24.229	Motorola Inc / Andrew Allen	IMS-CCR	24.229	<p>Agreed with the comment send status for UA tables need to be changed by the editor to be 'o'</p> <p>Revision of N1-010559</p>

9	<p>Other 24.229 sections Thursday 5.Apr.2001 9</p>	<p>N1-010544</p>	<p>Locating the Home I-CSCF</p>	<p>Lucent Technologies / Milo Orsic</p>	<p>IMS-CCR</p>	<p>24.229</p>	<p>Noted. The intention is to store the domain name in the USIM but is the P-CSCF expected to accept IP address additionally to that? This may be seen as part of protocol error handling which would be CN1 issue but it may be also seen as opening up a new feature (for 3GPP proxy) and therefore SA2 should make the decision. The originator is asked to bring the discussion to SA2.</p>
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