Technical Specification Group Services and System Aspects Meeting #16, Marco Island, Florida, 10-13 June 2002

Source: SA5 (Telecom Management)

Title: 3 Rel-4 CRs 32.612, 32.613 & 32.614 (Bulk configuration

management IRP: Information service, CORBA SS & CMIP SS): Correction of behaviour for IS parameter "saveFallback" of IS

operation "activate"

**Document for:** Approval

Agenda Item: 7.5.3

Doc-1 <sup>st</sup>	Spec	CR	R	Phase	Subject	Cat	Ver	Ver	Doc-2 <sup>nd</sup>	Workite
-Level							Cur	New	-Level	m
SP-020296	32.612	002	-	Rel-4	Correction of behaviour for IS parameter "saveFallback" of	F	4.1.0	4.2.0	S5-026075	OAM-CM
					IS operation "activate" - Parent CR					
SP-020296	32.613	004	-	Rel-4	Correction of behaviour for IS parameter "saveFallback" of	F	4.1.0	4.2.0	S5-026076	OAM-CM
					IS operation "activate" - Child CR					
SP-020296	32.614	002	-	Rel-4	Correction of behaviour for IS parameter "saveFallback" of	F	4.1.0	4.2.0	S5-026077	OAM-CM
					IS operation "activate" - Child CR					

Meeting #27, Cork, IRELAND, 2 - 5 April 2002 CR-Form-v5													
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OA	M-CM							E	Date: #	05	/04/200	)2	
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In such an error case the IRPManager would have no mean to request the IRPAgent for enabling the fallback option:

- The IRPManager does not know if the IRPAgent has taken into account or not its previous request for enabling the fallback option.
- Requesting for enabling the fallback option shall, with current behaviour, only be indicated once, in the first call to operation "activate".

Changing the behaviour for parameter "saveFallback" so that the same value shall be used for all calls to operation "activate" within a configuration session corrects the above issue.

#### 6.2.2.5 activate (M)



Selecting a Enabling the fallback option is optional. There can only be one fallback option choice for a session: enabled or not enabled. If enabling the fallback option is selected it shall be initiated when the first activation operation is requested. If a enabling the fallback option is not requested for the first activation, it cannot be subsequently requested for repeated activations during the session. If enabling the fallback option was requested, it is not possible change the fallback option initially selected this choice with any subsequent re-activate retries i.e. for a session it is only possible to fallback to the configuration that existed when the first activate operation was requested. See also subclause 6.2.2.6. (If a new fallback configuration is required a new session, download and activate should be started. The old session can be ended, prior to which fallback can optionally be invoked).

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Table 5: activate parameters

	Name	Qualifier	Description
	•••		
	saveFallback <u>fallbackEnabled</u>	Input, M	Indicates whether or not it the fallback option is required to be enabled.  If required to be enabled, the first activate operation of a session that gets properly initiated in the IRPAgent shall initialise and enable fallback option prior to the activation.  This Enabling or not the fallback option is only open for the first activate operation of a session. For any subsequent activate operation retries within a session the saveFallback fallbackEnabled parameter must be set to indicate it is not required to initialise fallback shall have the same value as for the first activate operation otherwise the re-activate operation shall be rejected.
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#### 6.2.2.6 fallback (M)

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Specifying how fallback operation retries within a session shall be implemented after a fallback fails (e.g. repeat all fallback functions or just the delta of fallback functions that did not previously complete successfully) is beyond the scope of this document. Only the IRPManager can initiate the fallback operation. The IRPAgent shall not initiate fallback or fallback retries autonomously. Within a session the fallback operation shall only be accepted if an initial activate operations was performed with save-fallback option requested enabled. For further discussion of enabling or not the fallback options see subclause 6.2.2.5.

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### 7.1 State Machine Overview

The Bulk CM IRPAgent state machine satisfies the following general requirements and characteristics for Bulk CM IRP:

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8) The operator/IRPManager decides on whether or not <u>enabling a-the</u> fallback option is required before requesting an activation. <u>Enabling The the fallback option</u> will maintain the disposition of the configuration before the activation. The fallback configuration information is established at point before the first activation is started. If there are multiple activation attempts during a session only one (first) fallback configuration is maintained.

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## 7.2.4 Fallback Phase

If an activate operation was requested with the fallback option <u>selected enabled</u> and was successfully or partially completed then a fallback operation can be requested. If the process of a fallback fully succeeds then the related MIB and subnetwork is reverted back to its former configuration prior to first configuration data file activation of a session.

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CHANGE REQUEST									
æ	32.614	CR 002	жrev	<b>-</b> #	Current version	<sup>11</sup> 4.1.0 <sup>96</sup>			
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <b>%</b> symbols.									
Proposed change	affects: #	(U)SIM	ME/UE	Radio A	ccess Network	Core Network			
Title:	Correction	on of behaviour	for IS paramete	er "saveFa	allback" of IS ope	eration "activate"			
Source:	SA5								
Work item code: ₩	OAM-CM	1			Date: # (	05/04/2002			
Category: अ	Use one of F (co. A (co. B (ao. C (fur D (eo. Detailed ex.	i the following caterrection) rresponds to a codition of feature), nctional modificate itorial modification splanations of the 3GPP TR 21.900	orrection in an ea ion of feature) n) above categorie		Use <u>one</u> of the 2 (G e) R96 (R R97 (R R98 (R R99 (R REL-4 (R	REL-4 e following releases: eSM Phase 2) elease 1996) elease 1997) elease 1998) elease 1999) elease 4) elease 5)			
Reason for change	e: 器 Beh	aviour for IS pa	rameter "savef	allback" (	of IS operation "a	activate" is incorrect.			
Summary of chang	"fall		or consistency	with the co	operation "activa orrected behavio ation Service).				
Consequences if not approved:	第 The	TS would be in	consistent with	32.612 (E	Bulk CM IRP Info	ormation Service).			
Clauses affected:	<b>%</b> 4.2.	2.5							
Other specs affected:	Т	Other core speci lest specification O&M Specification	ns						
Other comments:		"child" 326140 IRP Information				" 32612CR002 (Bulk			

## 4.2.2.5 Mapping of Parameters of the Operation activate

Table 6: Mapping of parameters of the operation activate

parameters of the technology independent operation 'activate' defined in the 3GPP TS 32.612	parameters of the CMIP action 'activate' specified in this document	Qualifier of the parameters of the CMIP action 'activate' specified in this document
•••		
saveFallbackfallbackEnabled	saveFallback	Action information, M
•••		

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	CHANGE REQUEST									
*	32.613 CR 004									
For <u>HELP</u> on u	For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <b>%</b> symbols.									
Proposed change	Proposed change affects:   (U)SIM ME/UE Radio Access Network X Core Network									
Title: ₩	Correction of behaviour for IS parameter "saveFallback" of IS operation "activate"									
Source: #	SA5									
Work item code: 第	OAM-CM									
Category: 第	F Use one of the following categories:  F (correction)  A (corresponds to a correction in an earlier release)  B (addition of feature),  C (functional modification of feature)  D (editorial modification)  Detailed explanations of the above categories can be found in 3GPP TR 21.900.  Redease: ℜ REL-4  Use one of the following releases:  2 (GSM Phase 2)  R96 (Release 1996)  R97 (Release 1997)  R98 (Release 1998)  R99 (Release 1999)  REL-4 (Release 4)  REL-5 (Release 5)									
Reason for change	Behaviour for IS parameter "saveFallback" of IS operation "activate" is incorrect.									
Summary of chang	Rename IS parameter "saveFallback" of IS operation "activate" to "fallbackEnabled" for consistency with the corrected behaviour, as per its "parent" 32612CR002 (Bulk CM IRP Information Service).									
Consequences if not approved:	# The TS would be inconsistent with 32.612 (Bulk CM IRP Information Service).									
Clauses affected:	<b>₹ 4.3</b>									
Other specs affected:	# Other core specifications # Test specifications O&M Specifications									
Other comments:	# This "child" 32613CR004 can only be approved if its "parent" 32612CR002 (Bulk CM IRP Information Service) has been approved.									

# 4.3 Operation Parameter Mapping

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Table 6: Mapping from IS activate parameters to SS equivalents

IS Operation parameter	SS Method parameter	Qualifier		
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saveFallbackfallbackEnabled	boolean fallback	0		
•••				