
Source: SA5 (Telecom Management)
Title: Rel-4 CR 32.612 (Bulk CM Integration Reference Point (IRP);
Information service)
Document for: Approval
Agenda Item: 7.5.3

Doc-1st-	Spec	CR	Rev	Phase	Subject	Cat	Version-	Doc-2nd-	Workitem
SP-020484	32.612	003	-	Rel-4	Correction of pre- and post-conditions for the operations getSessionStatus and getSessionLog	F	4.1.0	S5-026454	OAM-NIM

CHANGE REQUEST

⌘ **32.612 CR 003** ⌘ rev **-** ⌘ Current version: **4.1.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Correction of pre- and post-conditions for the operations getSessionStatus and getSessionLog		
Source:	⌘ S5		
Work item code:	⌘ OAM-NIM	Date:	⌘ 23/06/2002
Category:	⌘ F Use <u>one</u> 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 .	Release:	⌘ REL-4 Use <u>one</u> 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:	⌘ The description of when the operations getSessionStatus and getSessionLog are not sufficiently clear.
Summary of change:	⌘ The description of when the operations getSessionStatus and getSessionLog are clarified.
Consequences if not approved:	⌘ It is ambiguous of what conditions apply for the getSessionStatus and getSessionLog operations, which means that an IRPManager does not know what conditions apply for the mentioned operations.

Clauses affected:	⌘ 6.2.2.9, 6.2.2.10
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications
Other comments:	⌘

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/>. For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

6.2.2.9 getSessionStatus (M)

The IRPManager invokes this operation to request the IRPAgent to send the current state of the bulk data configuration file operation. The IRPAgent returns the current state. See clause 7.

This operation can be invoked in any session state [within a session](#) and does not change the session state.

Table 9: getSessionStatus parameters

Name	Qualifier	Description
sessionId	Input, M	Identifies this specific session and process associated with an earlier bulk data operation e.g. upload or download for which the current status is required.
sessionState	Output, M	Indicates current state of the configuration file operation. See clause 7, i.e. will be one of: Upload In Progress, Upload Failed, Upload Completed, Down Load In Progress, Download Failed, Download Completed, Activation In Progress, Activation Failed, Activation Partly Realised, Activation Completed, Fallback In Progress, Fallback Failed, Fallback Partly Realised, Fallback Completed,
status	Output, M	Indicates (a) start of operation is successful and (b) operation failed because of specified or unspecified reasons

6.2.2.10 getSessionLog (M)

An IRPManager invokes this operation to request an IRPAgent to provide a log of the results from activities associated with bulk data configuration file sessionId operations.

This operation can be invoked in any session state [within a session](#) and does not change the session state.

Table 10: getSessionLog parameters

Name	Qualifier	Description
sessionId	Input, M	Identifies this specific session and process associated with an earlier bulk data operation e.g. upload or download for which the current log is required.
LogFileReference	Input, M	Specifies the address and file name where the result is to be placed in the IRPManager.
contentType	Input, M	Identifies if retrieved file should include (a) complete log including errors, (b) only errors.
status	Output, M	Indicates (a) start of operation is successful and (b) operation failed because of specified or unspecified reasons

7.3 State Machine Pre and Post Conditions Tables

For each operation Table 15 identifies the state machine pre and post conditions..

Table 15: State Machine Pre and Post Conditions

Operation	Pre-condition	Post Condition
startSession	No state – input sessionId provided by an IRPManager is not already in use in the IRPAgent by this or any other IRPManager	State = IDLE
endSession	not in a Transition status i.e. state <>. * _IN_PROGRESS	sessionId is released - No state.
upload	State = IDLE or UPLOAD_FAILED	Initially while operation is being performed: State= UPLOAD_IN_PROGRESS Finally when operation has completed: State = UPLOAD_COMPLETED or UPLOAD_FAILED
download	State = IDLE or DOWNLOAD_FAILED	Initially while operation is being performed: State= DOWNLOAD_IN_PROGRESS Finally when operation has completed: State = DOWNLOAD_COMPLETED or DOWNLOAD_FAILED
activate	State = DOWNLOAD_COMPLETED or ACTIVATION_PARTLY_REALISED or ACTIVATION_FAILED	Initially while operation is being performed: State= ACTIVATION_IN_PROGRESS Finally when operation has completed: State = ACTIVATION_COMPLETED or ACTIVATION_PARTLY_REALISED or ACTIVATION_FAILED
fallback	State = ACTIVATION_COMPLETED or ACTIVATION_PARTLY_REALISED or FALLBACK_PARTLY_REALISED or FALLBACK_FAILED	Initially while operation is being performed: State= FALLBACK_IN_PROGRESS Finally when operation has completed: State = FALLBACK_COMPLETED or FALLBACK_PARTLY_REALISED or FALLBACK_FAILED
abortSessionOperation	State = UPLOAD_IN_PROGRESS or DOWNLOAD_IN_PROGRESS or ACTIVATION_IN_PROGRESS or FALLBACK_IN_PROGRESS	State = UPLOAD_FAILED or DOWNLOAD_FAILED or ACTIVATION_PARTLY_REALISED or ACTIVATION_FAILED or FALLBACK_PARTLY_REALISED or FALLBACK_FAILED
getSessionIds	N/A – State Machine independent	N/A
getSessionStatus	None Any state within a session.	Any state within a session. The operation has no impact on the state. None
getSessionLog	Any state within a session. None	Any state within a session. The operation has no impact on the state. None
getBulkCmIRPversion	N/A – State Machine independent	N/A