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Universal Mobile Telecommunications System (UMTS);  
LTE;  
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Stage 2  
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## Introduction

IMS based services can be provided with use of PS bearers and CS bearers for the media. When using CS bearer for media transport of IMS sessions, interworking solutions for IMS Centralized Services as specified in TS 23.292 [5] are used. ICS allows IMS sessions using CS bearers to be treated as standard IMS sessions for the purpose of IMS Service Continuity. ICS defines signalling mechanisms between the UE and IMS for transport of information as needed for service continuity when using CS access for media transport.

Both IMS Centralized Services and IMS Service Continuity specify functions which are provided by a SIP application server.

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# 1 Scope

The present document specifies the architectural requirements and procedures for delivery of IMS Service Continuity.

TS 23.206 [3] is migrated to this specification.

The scope of the specification includes:

- Access Transfer related functionality:
  - PS-CS Access Transfer;
  - PS-PS Access Transfer;
  - PS-PS Access Transfer in conjunction with PS-CS Access Transfer;
  - Adding and/or removing media flows to support service;
  - MSC Server assisted mid-call feature;
  - SRVCC session transfer of IMS emergency session.
- Inter-UE Transfer related functionality:
  - Establishment and release of a Collaborative Session;
  - Addition of media flows to, modification of media flows in, and release of media flows from a Collaborative Session;
  - Transfer of media flows from one UE to another;
  - Transfer of the Collaborative Session Control with or without transfer of media flows;
  - Transfer of all media flows to a target UE without establishing a Collaborative Session;
  - Session discovery;
  - Inter-UE Transfer initiated by the target UE or by the SCC AS;
  - Replication of media flows by means of Inter-UE Transfer procedures;
  - Authorization and other aspects to support Inter-UE Transfer across multiple IMS subscriptions.

The solution is restricted to service continuity using IMS procedures, i.e. mobility mechanisms on the IP-CAN level are not within the scope of this specification.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
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- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 22.258: "Service requirements for the AIPN".