First edition 2002-06-15

Information technology — Telecommunications and information exchange between systems — Corporate Telecommunication Networks — Signalling interworking between QSIG and H.323 — Call completion supplementary services

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Réseaux de télécommunications de corps — Travail de signalisation entre QSIG et H.323 — Compléments de service d'achèvement d'appel



Reference number ISO/IEC 21991:2002(E)

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Printed in Switzerland

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Con	tents	Page
Forew	ord	v
Introduction		vi
1	Scope	1
2	Conformance	1
3	Normative references	1
4	Definitions	2
4.1 4.2	External definitions Other definitions	2 2
4.2.1 4.2.2 4.2.3 4.2.4 4.2.5 4.2.6 4.2.7	Entity A Entity B Gateway IP network Leg A Scenario A1 Scenario A2	2 2 2 2 2 2 2 2 2 2 2 2
5	Acronyms	3
6	Service architecture	3
6.1	Service architecture for invocation and operation	3
6.1.1 6.1.2 6.1.3 6.1.4	ISO/IEC 13870 service architecture H.450.9 service architecture Scenarios for interworking Selection of the same gateway for all phases	3 4 4 4
6.2	Options	4
7	Protocol interworking – General requirements	5
8	Protocol interworking – Messages and APDUs	5
8.1	Signalling phase 1 - invocation of call completion	5
8.1.1 8.1.2	Scenario A1 Scenario A2	5 6
8.2	Signalling phase 2 – user B available notification	6
8.2.1 8.2.2	Scenario A1 Scenario A2	7 8
8.3	Signalling phase 3 – CC call establishment	9
8.3.1 8.3.2	Scenario A1 Scenario A2	9 9
8.4	Signalling phase 4 – cancellation of SS-CC	9
8.4.1 8.4.2	Scenario A1 Scenario A2	10 10
9	Protocol interworking – content of APDUs	10
9.1	APDU content mapping from QSIG to H.323	11

ISO/IEC 21991:2002(E)

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9.1.1 9.1.2 9.1.3	ccbsRequest/ccnrRequest invoke APDU mapping ccbsRequest/ccnrRequest return result APDU mapping ccCancel/ccExecPossible invoke APDU mapping	11 11 11
9.2	APDU content mapping from H.323 to QSIG	12
9.2.1 9.2.2 9.2.3	ccbsRequest/ccnrRequest invoke APDU mapping ccbsRequest/ccnrRequest return result APDU mapping ccCancel/ccExecPossible invoke APDU mapping	12 12 12
Annexe	s	
A - Implementation Conformance Statement (ICS) proforma		13
B - Message flow examples		20

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 21991 was prepared by ECMA (as ECMA-326) and was adopted, under a special "fast-track procedure", by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC.

Annex A forms a normative part of this International Standard. Annex B is for information only.

Introduction

This International Standard is one of a series of Standards defining the interworking of services and signalling protocols deployed in Corporate telecommunication Networks (CNs). The series uses telecommunication concepts as developed by ITU-T and conforms to the framework of International Standards on Open Systems Interconnection as defined by ISO/IEC.

This International Standard defines the signalling protocol interworking for call completion supplementary services between a Private Integrated Services Network (PISN) and a packet-based private telecommunication network based on the Internet Protocol (IP). It is further assumed that the protocol for the PISN part is that defined for the Q reference point (QSIG) and that the protocols for the IP-based network are based on ITU-T Recommendation H.323.

This International Standard is based upon the practical experience of ECMA member companies and the results of their active and continuous participation in the work of ISO/IEC JTC 1, ITU-T, ETSI and other international and national standardization bodies. It represents a pragmatic and widely based consensus.