

ISO/IEC 21410:2001-08 (E)

Information technology_ - Telecommunications and information exchange between systems_ - Corporate telecommunication networks; Signalling interworking between QSIG and H.323; Call transfer supplementary services

Contents

| | |
|---|----|
| Foreword | v |
| Introduction | vi |
| 1 Scope | 1 |
| 2 Conformance | 2 |
| 3 Normative references | 2 |
| 4 Definitions | 2 |
| 4.1 External definitions | 2 |
| 4.2 Other definitions | 3 |
| 4.2.1 Entity A | 3 |
| 4.2.2 Entity A* | 3 |
| 4.2.3 Entity B | 3 |
| 4.2.4 Entity B* | 3 |
| 4.2.5 Entity B' | 3 |
| 4.2.6 Entity C | 3 |
| 4.2.7 Entity C* | 3 |
| 4.2.8 Entity C' | 3 |
| 4.2.9 Gateway | 3 |
| 4.2.10 Leg AB | 3 |
| 4.2.11 Leg AB* | 3 |
| 4.2.12 Leg AC | 3 |
| 4.2.13 Leg BC | 3 |
| 4.2.14 Leg BC* | 3 |
| 4.2.15 Leg B | 3 |
| 4.2.16 Leg B* | 3 |
| 4.2.17 Leg C | 3 |
| 4.2.18 Scenario AB1 | 3 |
| 4.2.19 Scenario AB*1 | 3 |
| 4.2.20 Scenario AB2 | 3 |
| 4.2.21 Scenario AB*2 | 3 |
| 4.2.22 Scenario AC1 | 3 |
| 4.2.23 Scenario AC2 | 3 |
| 4.2.24 Scenario BC1 | 3 |
| 4.2.25 Scenario BC*1 | 3 |
| 4.2.26 Scenario BC2 | 3 |
| 4.2.27 Scenario BC*2 | 3 |
| 4.2.28 Scenario B1 | 3 |
| 4.2.29 Scenario B*1 | 4 |
| 4.2.30 Scenario B2 | 4 |
| 4.2.31 Scenario B*2 | 4 |
| 4.2.32 Scenario C1 | 4 |
| 4.2.33 Scenario C2 | 4 |
| 5 Acronyms | 4 |
| 6 Service architecture | 4 |
| 6.1 Service architecture for invocation and operation | 4 |
| 6.1.1 QSIG service architecture | 4 |

| | | |
|----------------|---|-----------|
| 6.1.2 | H.450.2 service architecture | 7 |
| 6.1.3 | Scenarios for interworking | 10 |
| 6.1.4 | Determination of the location of entities when interworking | 11 |
| 6.2 | Service architecture for activation, deactivation and interrogation | 17 |
| 6.2.1 | QSIG service architecture | 17 |
| 6.2.2 | H.450.2 service architecture | 17 |
| 6.2.3 | Scenarios for interworking | 17 |
| 7 | Protocol interworking – General requirements | 17 |
| 8 | Protocol interworking – Messages and APDUs | 17 |
| 8.1 | Scenario AB1 | 17 |
| 8.2 | Scenario AB2 | 18 |
| 8.3 | Scenario AC1 | 18 |
| 8.4 | Scenario AC2 | 19 |
| 8.5 | Scenario BC1 | 20 |
| 8.6 | Scenario BC2 | 21 |
| 8.7 | Scenario B1 | 22 |
| 8.8 | Scenario B2 | 23 |
| 8.9 | Scenario C1 | 24 |
| 8.10 | Scenario C2 | 25 |
| 8.11 | Scenario AB*1 | 25 |
| 8.12 | Scenario AB*2 | 26 |
| 8.13 | Scenario BC*1 | 27 |
| 8.14 | Scenario BC*2 | 28 |
| 8.15 | Scenario B*1 | 29 |
| 8.16 | Scenario B*2 | 30 |
| 9 | Protocol interworking – Content of APDUs | 30 |
| 9.1 | APDU content mapping from QSIG to H.323 | 30 |
| 9.1.1 | QSIG ssctInitiate invoke APDU mapping to H.323 callTransferInitiate invoke APDU | 30 |
| 9.1.2 | QSIG ssctSetup invoke APDU mapping to H.323 callTransferSetup invoke APDU | 31 |
| 9.2 | APDU content mapping from H.323 to QSIG | 31 |
| 9.2.1 | H.323 callTransferInitiate invoke APDU mapping to QSIG ssctInitiate invoke APDU | 31 |
| 9.2.2 | H.323 callTransferSetup invoke APDU mapping to QSIG ssctSetup invoke APDU | 31 |
| Annexes | | |
| A | Implementation Conformance Statement (ICS) proforma | 32 |
| B | Example message sequence diagrams | 46 |