



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.2983

(12/99)

SERIES Q: SWITCHING AND SIGNALLING

Broadband ISDN – B-ISDN application protocols for
access signalling

**Broadband integrated services digital network
(B-ISDN) – Digital subscriber signalling No. 2
(DSS2) – Bearer control protocol**

ITU-T Recommendation Q.2983

(Previously CCITT Recommendation)



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ITU-T RECOMMENDATION Q.2983

BROADBAND INTEGRATED SERVICES DIGITAL NETWORK (B-ISDN) – DIGITAL SUBSCRIBER SIGNALLING No. 2 (DSS2) – BEARER CONTROL PROTOCOL

Summary

This Recommendation belongs to the DSS2 family of ITU-T Recommendations and specifies extensions to Recommendation Q.2931 to specify the additional DSS2 protocol elements (messages, information elements, procedures and functions) required to support the separated control (establishment, modification, clearing) of bearers associated to a call controlled independently by means of a separated call control protocol. The separated call control protocol may be either the generic functional protocol-based separated call control protocol defined in Recommendation Q.2981 or the Q.2931-based separated call control protocol defined in Recommendation Q.2982.

Source

ITU-T Recommendation Q.2983 was prepared by ITU-T Study Group 11 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on 3 December 1999.

Keywords

Bearer control, call control, separation.

FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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