



ATIS-1000676.2001(R2011)

BICC IP Bearer Control Protocol (IPBCP)

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BICC IP Bearer Control Protocol (IPBCP)

Secretariat

Alliance for Telecommunications Industry Solutions

Approved August 21, 2001

American National Standards Institute, Inc.

Abstract

This standard defines BICC IP Bearer Control Protocol. The BICC IP Bearer Control Protocol (IPBCP) is used for the exchange of media stream characteristics, port numbers, and IP addresses of the source and sink of a media stream to establish and allow the modification of IP bearers. The information exchanged with IPBCP is done during BICC call establishment. In addition, it may be exchanged after a call has been established. IPBCP uses the Session Description Protocol (SDP) defined in RFC 2327 to encode this information. This standard is based on the ITU-T Recommendation Q.1970, BICC IP Bearer Control Protocol. It is suited for anticipated needs and applications within and between U. S. networks.

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The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

This standard defines BICC IP Bearer Control Protocol. The BICC IP Bearer Control Protocol (IPBCP) is used for the exchange of media stream characteristics, port numbers, and IP addresses of the source and sink of a media stream to establish and allow the modification of IP bearers. The information exchanged with IPBCP is done during BICC call establishment. In addition, it may be exchanged after a call has been established. IPBCP uses the Session Description Protocol (SDP) defined in RFC 2327 to encode this information.

This standard is based on the ITU-T Recommendation Q.1970, BICC IP Bearer Control Protocol. It is suited for anticipated needs and applications within and between U. S. networks.

Suggestions for improvement of this standard are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, 1200 G Street NW, Suite 500, Washington, D.C., 20005.

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