ATIS-1000676.2001(R2011)

BICC IP Bearer Control Protocol (IPBCP)

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American National Standard for Telecommunications

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.

Foreword

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.

This standard was processed and approved for submittal to ANSI by the Accredited Standards Committee on Telecommunications, T1. Committee approval of this standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the T1 Committee had the following members:

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Westell Technologies, Inc.	Guy Cerulli Tariq Amjed (Alt.)

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G. Ratta, T1S1 Vice-Chair

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Hewlett-Packard	Jon[illegible] G. Baker
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Voicestream Wireless Corp.	Albert H. Yuhan, Ph.D. Gary K. Jones (Alt.)
WorldCom	Yatendra Pathak Bernard Ku (Alt.)

Working Group T1S1.7 developed this standard. Over the course of its development the following individuals participated in the Working Group's discussions and made significant contributions to the standard:

Martin Dolly, T1S1.7 Working Group Chair
Joe Zebarth, T1S1.7 Working Group Vice Chair
Viqar Shaikh, T1S1.7 Editor

Stuart Goldman
Mike Pierce
Janey Cheu
Koan S. Chong
Wesley Downum
Tung-Hai Hsiao
Doris Lebovits
Hans Oudmaijer
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