

Network Working Group
Request for Comments: 5133
Updates: 4233
Category: Standards Track

M. Tuexen
Muenster Univ. of Applied Sciences
K. Morneault
Cisco Systems, Inc.
December 2007

Terminal Endpoint Identifier (TEI) Query Request Number Change

Status of This Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Abstract

The Integrated Services Digital Network (ISDN) Q.921-User Adaptation Layer (IUA) Protocol, described in RFC 4233, defines the message type of Terminal Endpoint Identifier (TEI) Query Request messages as 5. However, this number is already being used by the Digital Private Network Signaling System (DPNSS)/Digital Access Signaling System 2 (DASS 2) Extensions (DUA) to the IUA Protocol described in RFC 4129. This document updates RFC 4233 such that the message type of TEI Query Request messages is 8.

Table of Contents

1. Introduction	2
2. Conventions Used in This Document	2
3. New Message Type of the TEI Query Message	2
4. IANA Considerations	2
5. Security Considerations	2
6. Acknowledgments	2
7. Normative References	3

1. Introduction

The Integrated Services Digital Network (ISDN) Q.921-User Adaptation Layer (IUA) protocol, described in [RFC3057], does not define a Terminal Endpoint Identifier (TEI) Query Request message. The Digital Private Network Signaling System (DPNSS)/Digital Access Signaling System 2 (DASS 2) Extensions (DUA) to the IUA Protocol, described in [RFC4129], introduces Data Link Connection (DLC) Status messages of type 5, 6, and 7. Then, [RFC4233] was published, which updates [RFC3057]. [RFC4233] also introduces the TEI Query Request message and uses the message type of 5 for it. This makes it impossible to differentiate the DLC Status request from a TEI Query Request.

This document updates [RFC4233].

2. Conventions Used in This Document

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

3. New Message Type of the TEI Query Message

This document updates [RFC4233] by introducing the following change:

Terminal Endpoint Identifier (TEI) Query messages MUST be encoded with a message type of 8 instead of 5 as described in [RFC4233].

4. IANA Considerations

In the "Message Types" section of the "Signaling User Adaptation Layer Assignments" registry, IANA has reserved the message type 8 of Management Messages for Terminal Endpoint Identifier (TEI) Query Request messages.

5. Security Considerations

This document does not require any security considerations in addition to the ones given in [RFC4233].

6. Acknowledgments

The authors wish to thank Jon Peterson and Christian Vogt for their invaluable comments.

7. Normative References

- [RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997.
- [RFC3057] Morneault, K., Rengasami, S., Kalla, M., and G. Sidebottom, "ISDN Q.921-User Adaptation Layer", RFC 3057, February 2001.
- [RFC4129] Mukundan, R., Morneault, K., and N. Mangalpally, "Digital Private Network Signaling System (DPNSS)/Digital Access Signaling System 2 (DASS 2) Extensions to the IUA Protocol", RFC 4129, September 2005.
- [RFC4233] Morneault, K., Rengasami, S., Kalla, M., and G. Sidebottom, "Integrated Services Digital Network (ISDN) Q.921-User Adaptation Layer", RFC 4233, January 2006.

Authors' Addresses

Michael Tuexen
Muenster Univ. of Applied Sciences
Stegerwaldstr. 39
48565 Steinfurt
Germany

EMail: tuexen@fh-muenster.de

Ken Morneault
Cisco Systems, Inc.
13615 Dulles Technology Drive
Herndon, VA 20171
US

Phone: +1-703-484-3323
EMail: kmorneau@cisco.com

Full Copyright Statement

Copyright (C) The IETF Trust (2007).

This document is subject to the rights, licenses and restrictions contained in BCP 78, and except as set forth therein, the authors retain all their rights.

This document and the information contained herein are provided on an "AS IS" basis and THE CONTRIBUTOR, THE ORGANIZATION HE/SHE REPRESENTS OR IS SPONSORED BY (IF ANY), THE INTERNET SOCIETY, THE IETF TRUST AND THE INTERNET ENGINEERING TASK FORCE DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Intellectual Property

The IETF takes no position regarding the validity or scope of any Intellectual Property Rights or other rights that might be claimed to pertain to the implementation or use of the technology described in this document or the extent to which any license under such rights might or might not be available; nor does it represent that it has made any independent effort to identify any such rights. Information on the procedures with respect to rights in RFC documents can be found in BCP 78 and BCP 79.

Copies of IPR disclosures made to the IETF Secretariat and any assurances of licenses to be made available, or the result of an attempt made to obtain a general license or permission for the use of such proprietary rights by implementers or users of this specification can be obtained from the IETF on-line IPR repository at <http://www.ietf.org/ipr>.

The IETF invites any interested party to bring to its attention any copyrights, patents or patent applications, or other proprietary rights that may cover technology that may be required to implement this standard. Please address the information to the IETF at ietf-ipr@ietf.org.