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Terminal Endpoint Identifier (TEI) Query Request Number Change

Status of This Memo

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.

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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.

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