Diameter Command Codes for
Third Generation Partnership Project (3GPP) Release 5

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Abstract

This document describes the IANA’s allocation of a block of Diameter Command Codes for the Third Generation Partnership Project (3GPP) Release 5. This document does not pass judgment on the usage of these command codes. Furthermore, these command codes are for use for Release 5. For future releases, these codes cannot be reused, but must be allocated according to the Diameter Base specification.

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1. Introduction

The Third Generation Partnership Project (3GPP) is defining the Internet Multimedia Subsystem (IMS) as part of their Release 5 architecture. As part of this architecture, they have defined a Diameter application [29.229] and [29.329] which requires the use of new Diameter Command Codes [DIAM].

1.1. Abbreviations

3GPP  Third Generation Partnership Project
IANA  Internet Assigned Name Authority
IMS   Internet Multimedia Subsystem

2. Command Code Allocation

The IANA has allocated Diameter Command Codes 300 through 313, for use in 3GPP Release 5. The protocols defined by these command codes have not been carefully reviewed by the IETF community and are not considered to be general mechanisms appropriate for broad usage. More work is needed to develop general mechanisms and may become a work item of an IETF Working Group. These command codes are intended to be used for 3GPP Release 5 only [29.228], [29.229]. Future 3GPP releases are expected to make use of alternate mechanisms.

Command codes for 3GPP Release 6 are expected to be allocated from the standard command space, with IETF documentation. The current intent as agreed with 3GPP is to develop a standards track application addressing the needs of AAA for SIP/SDP and encompassing the requirements of the cellular community.

3. Security Considerations

This document is not known to affect the security of the Internet.
4. Intellectual Property Statement

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5. Acknowledgments

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6. References

6.1. Normative References


6.2. Informative References

[29.229] 3GPP TS 29.229 V5.1.0 (2002-09); Technical Specification; Technical Specification Group Core Network; Cx and Dx interfaces based on the Diameter protocol; Protocol details; (Release 5).

[29.329] 3GPP TS 29.329 V5.1.0 (2002-09); Technical Specification; 3rd Generation Partnership Project; Technical Specification Group Core Network; Sh Interface based on the Diameter protocol; Protocol details; (Release 5)

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