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IANA Registry for the Session Initiation Protocol (SIP)  
"Priority" Header Field

Abstract

This document defines a new IANA registry to keep track of the values defined for the Session Initiation Protocol (SIP) "Priority" header field. It updates RFC 3261.

Status of This Memo

This is an Internet Standards Track document.

This document is a product of the Internet Engineering Task Force (IETF). It represents the consensus of the IETF community. It has received public review and has been approved for publication by the Internet Engineering Steering Group (IESG). Further information on Internet Standards is available in Section 2 of RFC 5741.

Information about the current status of this document, any errata, and how to provide feedback on it may be obtained at <http://www.rfc-editor.org/info/rfc6878>.

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## 1. Introduction

This document defines a new IANA registry to keep track of the values defined for the Session Initiation Protocol (SIP) "Priority" header field. This header field was defined in [RFC3261], Section 20.26. It was clearly specified in a way that allows for the creation of new values beyond those originally specified; however, no registry has been established for it.

## 2. IANA Considerations

This document adds a new sub-registry, "Priority Header Field Values", to the "Session Initiation Protocol (SIP) Parameters" registry page. Its format and initial values are as shown in the following table:

Priority	Reference
non-urgent	RFC 3261
normal	RFC 3261
urgent	RFC 3261
emergency	RFC 3261

The policy for registration of values in this registry is "IETF Review" as that term is defined by [RFC5226]. This policy was chosen over lighter-weight policies due the potential architectural impact of the semantics associated with new values. Efforts contemplating adding a Priority value should consider whether the SIP Resource-Priority [RFC4412] or even a different protocol would be more appropriate for achieving their requirements.

## 3. Security Considerations

This document does not have any impact on the security of the SIP protocol. Its purpose is purely administrative in nature.

#### 4. References

##### 4.1. Normative References

- [RFC3261] Rosenberg, J., Schulzrinne, H., Camarillo, G., Johnston, A., Peterson, J., Sparks, R., Handley, M., and E. Schooler, "SIP: Session Initiation Protocol", RFC 3261, June 2002.
- [RFC5226] Narten, T. and H. Alvestrand, "Guidelines for Writing an IANA Considerations Section in RFCs", BCP 26, RFC 5226, May 2008.

##### 4.2. Informative References

- [RFC4412] Schulzrinne, H. and J. Polk, "Communications Resource Priority for the Session Initiation Protocol (SIP)", RFC 4412, February 2006.

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