

Internet Engineering Task Force (IETF)  
Request for Comments: 7142  
Obsoletes: 1142  
Category: Informational  
ISSN: 2070-1721

M. Shand  
L. Ginsberg  
Cisco Systems  
February 2014

## Reclassification of RFC 1142 to Historic

### Abstract

This memo reclassifies RFC 1142, "OSI IS-IS Intra-domain Routing Protocol", to Historic status. This memo also obsoletes RFC 1142.

### Status of This Memo

This document is not an Internet Standards Track specification; it is published for informational purposes.

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). Not all documents approved by the IESG are a candidate for any level of Internet Standard; see 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/rfc7142>.

### Copyright Notice

Copyright (c) 2014 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (<http://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

## 1. Introduction

IS-IS is the "OSI Intermediate system to Intermediate system intra-domain routing information exchange protocol for use in conjunction with the protocol for providing the connectionless-mode Network Service (ISO 8473)", otherwise known as ISO/IEC 10589. It has been extended for use with IP by RFC 1195 [RFC1195] and subsequently enhanced by many other RFCs.

RFC 1142 [RFC1142] was a republication of ISO DP 10589 originally provided as a service to the Internet community. However, ISO DP 10589 was an ISO "Draft Proposal", which differed in a considerable number of significant respects from the final standardized version published as ISO/IEC 10589 [ISO10589-First-Edition], and subsequently revised as ISO/IEC 10589 Second Edition [ISO10589-Second-Edition]. It has been an ongoing source of confusion when RFC 1142 has been unwittingly quoted or referenced in place of ISO/IEC 10589 itself.

All references to IS-IS should be to the latest edition of the IS-IS standard (currently ISO/IEC 10589:2002, Second Edition), and RFC 1142 is only of historic interest.

This memo explains why RFC 1142, "OSI IS-IS Intra-domain Routing Protocol", is reclassified to Historic status. This memo also obsoletes RFC 1142.

## 2. Security Considerations

Reclassifying RFC 1142 has no security considerations.

## 3. References

### 3.1. Normative References

[ISO10589-First-Edition]  
International Organization for Standardization,  
"Intermediate system to Intermediate system intra-domain routing information exchange protocol for use in conjunction with the protocol for providing the connectionless-mode Network Service (ISO 8473)", ISO/IEC 10589:1992, First Edition, Nov. 1992.

## [ISO10589-Second-Edition]

International Organization for Standardization,  
"Intermediate system to Intermediate system intra-domain  
routing information exchange protocol for use in  
conjunction with the protocol for providing the  
connectionless-mode Network Service (ISO 8473)", ISO/IEC  
10589:2002, Second Edition, Nov. 2002.

[RFC1142] Oran, D., "OSI IS-IS Intra-domain Routing Protocol", RFC  
1142, February 1990.

## 3.2. Informative References

[RFC1195] Callon, R., "Use of OSI IS-IS for routing in TCP/IP and  
dual environments", RFC 1195, December 1990.

## Authors' Addresses

Mike Shand

E-Mail: [imc.shand@googlemail.com](mailto:imc.shand@googlemail.com)

Les Ginsberg  
Cisco Systems  
510 McCarthy Blvd.  
Milpitas, CA 95035  
USA

E-Mail: [ginsberg@cisco.com](mailto:ginsberg@cisco.com)

