

International Telecommunication Union

ITU-T H.248 Sub-series Implementors Guide

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

(23 October 2015)

SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS
Infrastructure of audiovisual services – Communication
procedures

Implementors' Guide for the H.248 Sub-series of Recommendations (“Media Gateway Control Protocol”)

ITU-T

Summary

This document is a compilation of reported defects identified in the ITU-T H.248 sub-series of Recommendations currently in force. It must be read in conjunction with the Recommendations to serve as an additional authoritative source of information for implementors. The changes, clarifications and corrections defined herein are expected to be included in future versions of affected H.248 sub-series Recommendations.

This edition contains all updates submitted up to and including those at Study Group 16 meeting in Geneva, 12 - 23 October 2015

This Implementors' Guide was approved by ITU-T Study Group 16 on 23 October 2015.

NOTE – The Implementors' Guides for H.248.1 Version 1 and Version 2 are published as *separate* documents. (ITU-T H.248.1 is currently in its version 3.)

Change Log

(All changes that were included in corrigenda, amendments or revisions to the Recommendations in the H.248 subseries are omitted here.)

V1 (Geneva, 23 October 2015)

New:

H.248.1 Section	6.1 Usage of DOT in digitmaps 6.2 Updated ABNF reference 6.3 Reserve Properties clarifications
H.248.9 Section	7.1 Updated ABNF reference
H.248.40 Section	8.1 Packet types subject to detection logic
H.248.53 Section	9.1 Rate policing clarifications
H.248.69 Section	10.1 Superfluous reference
H.248.80 Section	11.1 Updated reference
H.248.83 Section	12.1 Incorrect reference
H.248.87 Section	13.1 Updated reference

Updated:

None.

Removed:

None.

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IMPLEMENTORS' GUIDE FOR THE H.248 SUB-SERIES OF RECOMMENDATIONS

1 Scope

This guide resolves defects in the following categories:

- editorial errors
- technical errors, such as omissions and inconsistencies
- ambiguities

In addition, the Implementors' Guide may include explanatory text found necessary as a result of interpretation difficulties apparent from the defect reports.

This Guide will not address proposed additions, deletions, or modifications to the Recommendations that are not strictly related to implementation difficulties in the above categories. Proposals for new features should be made through contributions to the ITU-T.

2 Introduction

The H.248 Implementors' Guide is a compilation of reported defects for all versions of the H.248.x sub-series of Recommendations, except H.248.1 Version 1 (03/2002) and H.248.1 Version 2 (05/2002) Corrigendum 1 (03/2004). *For the defects in Version 1, see the H.248.1 Version 1 Implementors' Guide. For the defects in Version 2, see the H.248.1 Version 2 Implementors' Guide.*

In this edition of the Guide, reported defects identified as of 23 October 2015 are given for:

- H.248.1 (03/2013)
- H.248.9 (12/2009)
- H.248.40 (03/2013)
- H.248.53 (03/2009)
- H.248.69 (03/2009)
- H.248.80 (01/2014)
- H.248.83 (02/2012)
- H.248.87 (01/2014)

The Guide must be read in conjunction with the H.248.x sub-series of Recommendations to serve as an additional source of information for implementors. The changes, clarifications and corrections defined herein are expected to be included in future versions of affected H.248.x Recommendations.

3 Defect Resolution Procedure

Upon discovering technical defects with any components of the H.248.x Sub-series Recommendations, please provide a written description directly to the editors of the affected Recommendations with a copy to the Q.3/16 Rapporteur. The template for a defect report is located at the end of the Guide. Contact information for these parties is included at the front of the document. Return contact information should also be supplied so a dialogue can be established to resolve the matter and an appropriate reply to the defect report can be conveyed. This defect resolution process is open to any interested party. Formal membership in the ITU is not required to participate in this process.

4 References

This document refers to the following H.248.x sub-series Recommendations:

- [ITU-T H.248.1] Recommendation ITU-T H.248.1 (03/2013), *Gateway Control Protocol*.
- [ITU-T H.248.9] Recommendation ITU-T H.248.9 (12/2009), *Gateway Control Protocol: Advanced media server packages*.
- [ITU-T H.248.40] Recommendation ITU-T H.248.40 (03/2013), *Gateway control protocol: Application data inactivity detection package*.
- [ITU-T H.248.53] Recommendation ITU-T H.248.53 (03/2009), *Gateway control protocol: Traffic management packages*.
- [ITU-T H.248.69] Recommendation ITU-T H.248.69 (03/2009), *Gateway control protocol: Packages for interworking between MSRP and H.248*.
- [ITU-T H.248.80] Recommendation ITU-T H.248.80 (01/2014), *Gateway control protocol: Usage of the revised SDP offer/answer model with ITU-T H.248*.
- [ITU-T H.248.83] Recommendation ITU-T H.248.83 (02/2012), *Gateway control protocol: Media gateway instance package*.
- [ITU-T H.248.87] Recommendation ITU-T H.248.87 (01/2014), *Gateway control protocol: Guidelines on the use of ITU-T H.248 capabilities for performance monitoring in RTP networks in ITU-T H.248 profiles*.

5 Nomenclature

In addition to traditional revision marks, the following marks and symbols are used to indicate to the reader how changes to the text of a Recommendation should be applied:

Symbol	Description
<u>[Begin Correction]</u>	Identifies the start of revision marked text based on extractions from the published Recommendations affected by the correction being described.
<u>[End Correction]</u>	Identifies the end of revision marked text based on extractions from the published Recommendations affected by the correction being described.
...	Indicates that the portion of the Recommendation between the text appearing before and after this symbol has remained unaffected by the correction being described and has been omitted for brevity.
--- SPECIAL INSTRUCTIONS --- {instructions}	Indicates a set of special editing instructions to be followed.