DRAFT INTERNATIONAL STANDARD ISO/IEC 17963

Attributed to ISO/IEC JTC 1 by the Central Secretariat (see page iii)

Voting begins on
2011-12-07

Voting terminates on
2012-05-07

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОММИСИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

PUBLICLY AVAILABLE SPECIFICATION PROCEDURE

Web Services for Management (WS-Management) Specification

Spécification des services Web pour le management (WS-Management)

ICS 35.020

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

In accordance with the provisions of Council Resolution 21/1986 this DIS is circulated in the English language only.

Conformément aux dispositions de la Résolution du Conseil 21/1986, ce DIS est distribué en version anglaise seulement.

This Publicly Available Specification (PAS) is being submitted for Fast-track processing in accordance with the provisions of ISO/IEC JTC 1 Directives.

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

© International Organization for Standardization, 2011
International Electrotechnical Commission, 2011

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

Copyright notice

This ISO document is a Draft International Standard and is copyright-protected by ISO. Except as permitted under the applicable laws of the user's country, neither this ISO draft nor any extract from it may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, photocopying, recording or otherwise, without prior written permission being secured.

Requests for permission to reproduce should be addressed to either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Reproduction may be subject to royalty payments or a licensing agreement.

Violators may be prosecuted.

© ISO/IEC 2011 — All rights reserved

NOTE FROM ITTF

The ballot on the transposition of a PAS into an International Standard follows the JTC 1 PAS procedures contained in the JTC 1 Supplement, F.3.

Reflecting the importance of the PAS process, the JTC 1 secretariat shall also inform JTC 1 national bodies and Liaison Organisations, and those organisations authorized to be PAS submitters, of the initiation of any PAS ballot, the results of the ballot, and the identity of the JTC 1 subcommittee which will be responsible for any future work.

For ballot, JTC 1 National Bodies and the PAS Submitter shall receive both the PAS to be transposed and the accompanying Explanatory Report. During the ballot JTC 1 members may propose changes to the PAS. These can be resolved with the PAS Submitter after completion of the ballot.

The period for combined DIS voting shall be five months. In order to be accepted the DIS must be supported by 75 % of the votes cast (abstention is not counted as a vote) and by two-thirds of the P-members voting of JTC 1.

In the case of a failure of the ballot, JTC 1 shall make known to the Submitter the reasons which have led to the negative result. Based on this information, the Submitter may choose to re-submit a modified specification as a new PAS submission.

Once the Draft International Standard has been approved by JTC 1, it shall progress to the approval stage (FDIS).

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

© ISO/IEC 2011 — All rights reserved

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

Document Number: DSP0226

Date: 2010-03-03

Version: 1.1.0

Web Services for Management (WS-Management) Specification

Document Type: Specification

Document Status: DMTF Standard

Document Language: US-en

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

DRAFT 2017

Copyright Notice

Copyright © 2006–2010 Distributed Management Task Force, Inc. (DMTF). All rights reserved.

DMTF is a not-for-profit association of industry members dedicated to promoting enterprise and systems management and interoperability. Members and non-members may reproduce DMTF specifications and documents, provided that correct attribution is given. As DMTF specifications may be revised from time to time, the particular version and release date should always be noted.

Implementation of certain elements of this standard or proposed standard may be subject to third party patent rights, including provisional patent rights (herein "patent rights"). DMTF makes no representations to users of the standard as to the existence of such rights, and is not responsible to recognize, disclose, or identify any or all such third party patent right, owners or claimants, nor for any incomplete or inaccurate identification or disclosure of such rights, owners or claimants. DMTF shall have no liability to any party, in any manner or circumstance, under any legal theory whatsoever, for failure to recognize, disclose, or identify any such third party patent rights, or for such party's reliance on the standard or incorporation thereof in its product, protocols or testing procedures. DMTF shall have no liability to any party implementing such standard, whether such implementation is foreseeable or not, nor to any patent owner or claimant, and shall have no liability or responsibility for costs or losses incurred if a standard is withdrawn or modified after publication, and shall be indemnified and held harmless by any party implementing the standard from any and all claims of infringement by a patent owner for such implementations.

For information about patents held by third-parties which have notified the DMTF that, in their opinion, such patent may relate to or impact implementations of DMTF standards, visit http://www.dmtf.org/about/policies/disclosures.php.

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

DRAFT COPY

CONTENTS

Foreword 7
1 Scope 9
2 Normative References 9
3 Terms and Definitions 11
4 Symbols and Abbreviated Terms 14
5 Addressing 15
5.1 Management Addressing 15
5.2 Versions of Addressing 24
5.3 Requirements for Compatibility 24
5.4 Use of Addressing in WS-Management 26
6 WS-Management Control Headers 43
6.1 wsman:OperationTimeout 43
6.2 wsman:MaxEnvelopeSize 44
6.3 wsman:Locale 45
6.4 wsman:OptionSet 46
6.5 wsman:RequestEPR 49
7 Resource Access 50
7.1 General 50
7.2 Addressing Uniformity 52
7.3 Get 53
7.4 Put 54
7.5 Delete 58
7.6 Create 60
7.7 Fragment-Level Access 63
7.8 Fragment-Level Get 65
7.9 Fragment-Level Put 66
7.10 Fragment-Level Delete 69
7.11 Fragment-Level Create 70
8 Enumeration of Datasets 72
8.1 General 72
8.2 Enumerate 74
8.3 Filter Interpretation 81
8.4 Pull 83
8.5 Release 87
8.6 Ad-Hoc Queries and Fragment-Level Enumerations 89
8.7 Enumeration of EPRs 89
8.8 Renew 91
8.9 GetStatus 93
8.10 EnumerationEnd 93
9 Custom Actions (Methods) 94
10 Notifications (Eventing) 95
10.1 General 95
10.2 Subscribe 96
10.3 GetStatus 116
10.4 Unsubscribe 117
10.5 Renew 118
10.6 SubscriptionEnd 119
10.7 Acknowledgement of Delivery 121
10.8 Refusal of Delivery 122
10.9 Dropped Events 123
10.10 Access Control 124

ISO/IEC 17963:2013 - Preview only Copy via ILNAS e-Shop

DRAFT