
**Health informatics — Public key
infrastructure —**

Part 3:
**Policy management of certification
authority**

*Informatique de santé — Infrastructure de clé publique —
Partie 3: Gestion politique d'autorité de certification*



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2008

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from 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

Published in Switzerland

Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	1
4 Abbreviations	2
5 Requirements for digital certificate policy management in a healthcare context	2
5.1 General.....	2
5.2 Need for a high level of assurance	2
5.3 Need for a high level of infrastructure availability	3
5.4 Need for a high level of trust	3
5.5 Need for Internet compatibility	3
5.6 Need to facilitate evaluation and comparison of CPs.....	3
6 Structure of healthcare CPs and healthcare CPSs	3
6.1 General requirements for CPs	3
6.2 General requirements for CPSs	4
6.3 Relationship between a CP and a CPS	5
6.4 Applicability.....	5
7 Minimum requirements for a healthcare CP	5
7.1 General requirements.....	5
7.2 Publication and repository responsibilities	5
7.3 Identification and authentication	6
7.4 Certificate life-cycle operational requirements	10
7.5 Physical controls	19
7.6 Technical security controls	20
7.7 Certificate, CRL and OCSP profiles	25
7.8 Compliance audit	25
7.9 Other business and legal matters	27
8 Model PKI disclosure statement	33
8.1 Introduction	33
8.2 Structure of PKI disclosure statement	33
Bibliography	35