

ISO 17090-3:2008-02 (E)

Health informatics - Public key infrastructure - Part 3: Policy management of certification authority

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