

# ISO 21188:2006-05 (E)

## Public key infrastructure for financial services - Practices and policy framework

---

<b>Contents</b>	<b>Page</b>
Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	2
4 Abbreviated terms .....	8
5 Public key infrastructure (PKI) .....	9
5.1 General .....	9
5.2 What is PKI? .....	9
5.3 Business requirement impact on PKI environment .....	10
5.4 Functional perspectives .....	14
5.5 Business perspectives .....	19
5.6 Certificate policy (CP) .....	21
5.7 Certification practice statement (CPS) .....	23
5.8 Relationship between certificate policy and certification practice statement .....	24
5.9 Agreements .....	25
5.10 Time-stamping .....	26
6 Certificate policy and certification practice statement requirements .....	27
6.1 Certificate policy (CP) .....	27
6.2 Certification practice statement (CPS) .....	29
7 Certification authority control objectives .....	29
7.1 General .....	29
7.2 CA environmental control objectives .....	30
7.3 CA key life cycle management control objectives .....	32
7.4 Subject key life cycle management control objectives .....	33
7.5 Certificate life cycle management control objectives .....	34
7.6 CA certificate life cycle management controls .....	36
8 Certification authority control procedures .....	36
8.1 General .....	36
8.2 CA environmental controls .....	36
8.3 CA key life cycle management controls .....	51
8.4 Subject key life cycle management controls .....	55
8.5 Certificate life cycle management controls .....	60
8.6 CA certificate life cycle management controls .....	67
Annex A (informative) Management by certificate policy .....	69
Annex B (informative) Elements of a certification practice statement .....	78
Annex C (informative) Object identifiers (OID) .....	94
Annex D (informative) CA key generation ceremony .....	96
Annex E (informative) Mapping of RFC 2527 to RFC 3647 .....	100
Bibliography .....	106