



S/MIME Certificate Working Group



Ottawa Face to Face – March 2023



SMCWG



Chair: Stephen Davidson

Vice Chair: Martijn Katerbarg

Members:

- 31 Certificate Issuers
- 6 Certificate Consumers
- 14 Associate Members and Interested Parties

Charter: to work on requirements applicable to CAs that issue S/MIME certificates used to sign, verify, encrypt, and decrypt email.

- Certificate profiles for S/MIME certificates and Issuing CA certificates
- Verification of control over email addresses
- Key management, certificate lifecycle, etc.
- CA operational practices, physical/logical security, etc.
- Identity validation for natural persons and legal entities

Where possible, to leverage work already undertaken by other CABF groups.



S/MIME BR

When	What
November 1, 2022	Ballot passed!
January 1, 2023	End of 60-day IPR Review
... then	8 months implementation per section 1.2.1
September 1, 2023	Assumed Effective Date
... then	Coverage in audit reports after Effective Date



Audit

- WebTrust
 - Draft is available (see David Chin at CPA Canada)
 - Publication expected in April
- ETSI
 - Drafting of ETSI TS 119 411-6 is underway
 - Modelled on 411-2 (i.e., will often “point” to 411-1 or SBR)
 - Targeting May



Erratum Ballot



- Update keyUsage table for EdDSA
- Clarification on Enterprise RA text in Section 1.3.2.1

Later

- Update for ETSI standard in Section 8.4



CAA for S/MIME



- Proposed CAA text for S/MIME BR
<https://github.com/srdavidson/smime/blob/CAA/SBR.md>
- Internet-draft: Certification Authority Authorization (CAA) Processing for Email Addresses
<https://datatracker.ietf.org/doc/draft-bonnell-caa-issuemail/>
- Not all S/MIME CAs currently support CAA
- Ballot will propose 2024 effective date