

# JMAP extensions for S/ MIME signing and encryption

draft-ietf-jmap-smime-sender-extensions-01  
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# Summary

- Extra parameters to "Email/set" command (both optionals):
  - "smimeSign": true
  - "smimeEncrypt": true
  - If both "smimeSign" and "smimeEncrypt" are set to true, the message is first signed and then the signed version is encrypted

# Next steps

- Need a way to control how S/MIME signing is done?
  - multipart/signed or application/pkcs7-mime
- Possibly add another parameter for signalling S/MIME header protection?
- Add support for S/MIME decryption as well?
  - Should JMAP server return blobs for decrypted body parts and let clients use Email/parse on them?