

# JMAPACCESS

- No open issues
- Removed DEBUGGING again
- Waiting for one review
- Ready to publish IMO

# RFC 6855

- Problem: APPEND UTF8 item says “this message uses EAI”, clients MUST use it
- LMTP, JMAP etc don't have any such marker
- The stored information cannot be read or used
- Only Python tries to use it (buggily)
- Java, Ruby, Vmime etc do not use it

# RFC 6855bis

- Suggestion: New RFC that drops the requirement
- IMAP, JMAP and LMTP are then equivalent
- Change Python's imaplib (PR exists)
- Adopt draft-gulbrandsen-6855bis-00 today, issue WGLC tomorrow! Full Standard by the end of the week!

# Passkeys for IMAP

- Passkeys work well for the web
- Smartphone vendors push smartkeys
- Want to reduce the use of passwords
- Integrate with the phone's authentication

# Passkeys for IMAP

- SASL authenticates a single TCP connection
- Switching WLAN/4G causes clients to reopen connections
- SASL PASSKEY needs to work for n hours after each user-initiated authentication

# Passkeys for IMAP

- Initial suggestion: SASL refers to an URL
- URL requires Passkey auth
- URL returns a JSON blob with a token and its lifetime
- SASL can use that token as initial response to avoid the web detour

# Passkeys for IMAP

- Two flows:
- EITHER go to web, perform face id/fingerprint, get token
- OR use recently minted token.
- Effectively, the server requires fingerprint/face reauth every n hours/days

# Passkeys for IMAP

- Problem: Maybe referring to a URL isn't good, maybe it's better to do the exchange as SASL challenge/response. Investigation needed.