

# PRECIS Username Profile (saslnameprepbis)

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# Case Mapping

- Changed case mapping from MUST to MAY
- Rationale: Case mapping is controlled by specs that employ the Username profile
  - SASL mechanisms (e.g., SCRAM)
  - Application protocols that don't use SASL (e.g., HTTP auth)

# SASL Mechanisms

- E.g., CRAM-MD5, DIGEST-MD5, SCRAM
- Must define if and when to apply case mapping to authentication IDs
  - SHOULD be as late as possible
- Must not apply any PRECIS profile to authorization IDs (controlled by application protocols)

# SASL Application Protocols

- E.g., IMAP, POP, XMPP
- Must define if and when to apply case mapping to authorization IDs
- SHOULD be as late as possible
- Must not apply any PRECIS profile to authentication IDs (controlled by SASL mechanisms)

# Non-SASL Application Protocols

- E.g., HTTP authentication such as DIGEST
- No guidance yet for these protocols
- Perhaps says that they must specify if and when to apply Username profile to both authentication IDs and (if applicable) authorization IDs?