

# SASLprep & LDAPprep

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# SASLprep

- ◆ Used for “simple user names” and passwords.

# SASLPrep: Summary

## ◆ Mapping

- spaces -> U+0020
- commonly to nothing -> nothing

## ◆ Normalization: NFKC

## ◆ Prohibited Output

- control characters, private use, non-characters, surrogates, inappropriate for text, inappropriate for canonical, change display or deprecated, tagging
- Bi-Di : per StringPrep Sect. 6

# SASLPrep revision

- ◆ Provide Unicode version agility
- ◆ Provide for backwards compatibility

# SASLprep: My Recommendation

- ◆ Revise RFC 4013, drop StringPrep reference
- ◆ Revise algorithm:
  - MUST NFKC (for backwards compatibility)
  - Discuss other issues (maybe some SHOULDs)

# LDAPprep

- ◆ Family of profiles
  - case ignore/exact handling
  - added step to handle extraneous spaces
- ◆ Unique in that used to in match “text” (as opposed to identifiers)
- ◆ No recommendation on how to move forward here.