

# Best current practice

- RFC 6532 permits so much of unicode that people worry about it
- I propose a new BCP that permits what's used and is also difficult to attack
- draft-gulbrandsen-smtputf8-nice-addresses

# User addresses only

- Human-friendly addresses:
  - Used for provisioning addresses for people
  - Used by web forms and in recipient fields
- Not about reply-only addresses:
  - `#=40example.net@dmarc.example.com`
  - `issue-8743445470432082304@support.example.com`

# Email syntax(es)

- RFC 6532 says all of unicode may be used
- RFC 8265 covers address equality
- W3C has a regex for email syntax, used by web forms
- A regex cannot really cover EAI

# Design goals

- If you provision addresses in the repertoire, validators on the web accept the addresses
- Rules that accommodates existing usage
- ... and desired usage, too
- Visible safety, obvious
- No compatibility break

# My proposed spec

- Generally: Single-script, single-direction OK
- Mixing scripts/directions is OK only when in use today
- Same repertoire in localpart and domain
- Based on conversations with techs in many relevant countries

# The name again

- draft-gulbrandsen-smtputf8-nice-addresses