

## Optional Fields

- Several elements were optional in revisions but required in RFC 1510.
- KDC-REQ till
- Sender addresses in KRB-PRIV and KRB-SAFE

## UTF8 and Kerberos

- Kerberos must eventually use UTF8 for strings.
- Today we don't specify the encoding.
- Some implementations use UTF8; others locale-specific encoding.

## UTF8 is Hard

- Providing an upgrade path for locale-specific encodings introduces complexity.
- Capability negotiation is required.
- The semantics and format of messages containing strings must change.
- Many opportunities for errors.

## Delaying UTF8 Specification

- Specifying how to handle UTF8 may delay release of Kerberos revisions.
- The IESG wants to encourage internationalization. We may be under pressure to specify UTF8 now.
- We may also have the option of delaying. Should we?

## Delaying Implementation of UTF8

- Even if we do specify UTF8 handling now, we might want to make it optional.
- If we tie capability negotiation of ticket extensions to UTF8, we must guarantee that vendors do not implement one without the other.