Update on Kerberos Extensibility

draft-yu-krb-wg-kerberos-extensions-01.txt

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IETF 60

Kerberos Extensibility

- Document Status

- TGS-REQ Oddities

- Notational Conventions

- One Module or Two?

Document Status

- Update I-D boilerplate

- Drop information object notation (for now)

- More text explaining ASN.1 usage

- More KDC-REQ description

- Tighten constraints on IA5 vs UTF8 strings

TGS-REQ Oddities

- Ticket flags from TGS-REQ ticket copied unchanged?

- How do flags in TGS-REQ affect flags in ticket?

- Can TGS-REQ clear flags present in ticket?

Notational Conventions

- Which convention for identifiers in running text?

- ASN.1 distinguishes types vs values by case of identifer

- Possibly confuses readers

Notational Conventions (cont'd)

- RFC 1510 and Clarifications use C-styled `ALL_CAPS`

- C-styled:
  `#define KDC_ERR_PREAUTH_FAILED 24`

- ASN.1-styled:
  `kdc-err-preauth-failed ErrCode ::= 24`

- `ALL_CAPS` vs `"quoted"`?

One Module or Two?

- One module

  - Ease of maintenance

  - Highlight changes since clarifications

  - Somewhat less readable by humans

- Two modules

  - Somewhat more readable by humans

  - More difficult to maintain