Update on Kerberos Extensibility

draft-yu-krb-wg-kerberos-extensions-02.txt

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IETF 61

Kerberos Extensibility

- Document Status

- Notational Conventions

- Future Plans

Document Status

Updates from -00

- 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

Document Status (cont'd)

Updates from -01

- More complete

- Text on extensibility/criticality (from Sam)

- Typed holes can use RELATIVE-OID or integers

- Language tags

- Rough IANA considerations

Notational Conventions

- Which convention for ASN.1 identifiers in text?

- ASN.1 has lexically significant case

- Possible confusion if identifiers not set off from text

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"`?

Future Plans

- What should the module look like?

- Which IANA assignment policies?

- Incorporate preauth framework?

- Different document name?