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Kerberos number registry to IANA
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Abstract

Kerberos have many registers where only some have been registered, this document tries to cover the rest of them. There is a private space but that can not be used for implementation in released software. Also private is not avaible for all types. This document moves control over the numbers to an IANA number registerty.

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1. Requirements Notation

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

2. Background

[RFC4120] and other draft, RFC and private documents currently defines uses of Kerberos protocol numbers, after serveral confusions and collisions in shipped code its time to move them to an IANA registerty.

3. Registration procedures

A Kerberos number registration have the same "Registration procedures" for number based registration.

Exceptions are: Error codes and Key Usage Numbers.

- 0-65536: Specification Required, expert review (krb-wg mailing-list) that the specification is implementable in an interopable manner

- 65536 and higher: first come, first serve

4. Authorization Data Types

Tom, please contribute the your list here.

5. Key Usage Numbers

Special considerations for key usage numbers in addition to what rules in specified in "Registration procedures".

Odd numbers SHOULD be allocated to checksums operations Even numbers SHOULD be allocated to encryption operations

Tom, please contribute the your list here.

6. Address types

Tom, please contribute the your list here.

7. Transited Encoding Types

Tom, please contribute the your list here.

8. Name Types

Tom, please contribute the your list here.

9. Error codes

Error codes may only be registered with Standards action.

Tom, please contribute the your list here.

10. Security Considerations

There is no security consideration, this documents move control over the registry to IANA.

11. IANA Considerations

This create a number of registries.

12. Normative References

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997.

[RFC4120] Neuman, C., Yu, T., Hartman, S., and K. Raeburn, "The Kerberos Network Authentication Service (V5)", RFC 4120, July 2005.

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