[MS-KILE]: Kerberos Protocol Extensions

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Errata below are for Protocol Document Version V40.0 – 2022/12/01.

Errata Published*	Description
2023/03/06	Section 5.1 Security Considerations for Implementers: Added statement to recommend strong vs. weak encryption usage. Changed from: 5.1 Security Considerations for Implementers KILE has the same security considerations as Kerberos V5 ([RFC4120], [RFC3961], [RFC3962], and [RFC4757]) and GSS-API ([RFC2743], [RFC1964], and [RFC4121]). Changed to: 5.1 Security Considerations for Implementers KILE has the same security considerations as Kerberos V5 ([RFC4120], [RFC3961], [RFC3962], and [RFC4757]) and GSS-API ([RFC2743], [RFC1964], and [RFC4121]). The encryption types AES128-CTC-HMAC-SHA1-96/AES256-CTC-HMAC-SHA1-96 or including AES256-CTS-HMAC-SHA1-96-SK if RC4 encryption types is selected is recommended. Setting RC4/DES only is weak and not recommended. For more information see section 2.2.7.
2023/03/06	Section 2.2.7 Supported Encryption Types Bit Flags: Added note to recommend strong vs. weak encryption usage. Changed from:

Errata Published*	Description
	AES256-CTS-HMAC-SHA1-96-SK: Enforce AES session keys when legacy ciphers are in use. When the bit is set, this indicates to the KDC that all cases where RC4 session keys can be used will be superseded with AES keys. All other bits MUST be set to zero when sent and MUST be ignored when they are received. Changed to: AES256-CTS-HMAC-SHA1-96-SK: Enforce AES session keys when legacy ciphers are in use. When the bit is set, this indicates to the KDC that all cases where RC4 session keys can be used will be superseded with AES keys. Note: The encryption types AES128-CTC-HMAC-SHA1-96/AES256-CTC-HMAC-SHA1-96 or including AES256-CTS-HMAC-SHA1-96-SK if RC4 encryption types is selected is recommended. Setting RC4/DES only is weak and not recommended. All other bits MUST be set to zero when sent and MUST be ignored when they are received.

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