

[MS-KILE]: Kerberos Protocol Extensions

This topic lists the Errata found in [MS-KILE] since it was last published. Since this topic is updated frequently, we recommend that you subscribe to these RSS or Atom feeds to receive update notifications.



Errata are subject to the same terms as the Open Specifications documentation referenced.

Errata below are for Protocol Document Version [V34.0 – 2018/09/12](#).

Errata Published*	Description
2020/03/02 (correction to Errata published on 2019/10/28)	<p>In Section 3.3.5.7.5, Cross-Domain Trust and Referrals, changed from:</p> <p>If the TRUST_ATTRIBUTE_CROSS_ORGANIZATION_NOENABLE_TGT_DELEGATION flag is set in the trustAttributes field ([MS-ADTS] section 6.1.6.7.9), the KDC MUST<63> return a ticket with the ok-as-delegate flag notset in TicketFlags.</p> <p>Changed to:</p> <p>If the TRUST_ATTRIBUTE_CROSS_ORGANIZATION_ENABLE_TGT_DELEGATION flag is set in the trustAttributes field ([MS-ADTS] section 6.1.6.7.9), the KDC MUST<66> return a ticket with the ok-as-delegate flag set in TicketFlags.</p>
2019/11/25	<p>In Section 2.2.1, KERB-EXT-ERROR, added that other bit values SHOULD be ignored.</p> <p>Changed from:</p> <p>Flags: Set to 0x00000001.</p> <p>Changed to:</p> <p>Flags: Set to 0x00000001. Other bit values SHOULD be ignored on receipt.</p>
2019/10/28	<p>in Section 1.2.2 Informative References, added a reference to [MSKB-4490425].</p> <p>Changed from:</p> <p>[MS-SFU] Microsoft Corporation, "Kerberos Protocol Extensions: Service for User and Constrained Delegation Protocol".</p> <p>[RFC1510] Kohl, J., and Neuman, C., "The Kerberos Network Authentication Service (V5)", RFC 1510, September 1993, http://www.ietf.org/rfc/rfc1510.txt</p> <p>Changed to:</p> <p>[MS-SFU] Microsoft Corporation, "Kerberos Protocol Extensions: Service for User and Constrained Delegation Protocol".</p> <p>[MSKB-4490425] Microsoft Corporation, "Updates to TGT delegation across incoming trusts in Windows Server", https://support.microsoft.com/en-us/help/4490425/updates-to-tgt-delegation-across-incoming-trusts-in-windows-server</p>

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	<p>[RFC1510] Kohl, J., and Neuman, C., "The Kerberos Network Authentication Service (V5)", RFC 1510, September 1993, http://www.ietf.org/rfc/rfc1510.txt</p> <p>In Section 3.3.5.7.5 Cross-Domain Trust and Referrals, added ticket return directives for various TRUST_ATTRIBUTE_CROSS_ORGANIZATION type flags.</p> <p>Changed from:</p> <p>If there is a failure in the check, the KDC MUST reject the authentication request with KDC_ERROR_POLICY.</p> <p>If the TRUST_ATTRIBUTE_CROSS_ORGANIZATION_NO_TGT_DELEGATION flag is set in the trustAttributes field ([MS-ADTS] section 6.1.6.7.9), the KDC MUST return a ticket with the ok-as-delegate flag not set in TicketFlags.</p> <p>Changed to:</p> <p>If there is a failure in the check, the KDC MUST reject the authentication request with KDC_ERROR_POLICY.</p> <p>The KDC MUST NOT return a ticket with the ok-as-delegate flag set in TicketFlags.</p> <p>If the TRUST_ATTRIBUTE_CROSS_ORGANIZATION_NOENABLE_TGT_DELEGATION flag is set in the trustAttributes field ([MS-ADTS] section 6.1.6.7.9), the KDC MUST return a ticket with the ok-as-delegate flag notset in TicketFlags.</p> <p>If the TRUST_ATTRIBUTE_CROSS_ORGANIZATION_NO_TGT_DELEGATION is set in the trustedAttributes field ([MS-ADTS] section 6.1.6.7.9) the KDC MUST NOT return a ticket with the ok-as-delegate flag set in TicketFlags.</p> <p>In Section 6 Appendix A: Product Behavior, added a behavior note to state applicable products for the TRUST_ATTRIBUTE_CROSS_ORGANIZATION_ENABLE_TGT_DELEGATION flag.</p> <p>Changed from:</p> <p><63> Section 3.3.5.7.6: Not supported in Windows 2000 and Windows Server 2003.</p> <p>Changed to:</p> <p><63> Section 3.3.5.7.5: The TRUST_ATTRIBUTE_CROSS_ORGANIZATION_ENABLE_TGT_DELEGATION flag is supported on Windows Server 2003 and later when [MSKB-4490425] is installed.</p> <p><64> Section 3.3.5.7.6: Not supported in Windows 2000 and Windows Server 2003.</p>
2019/09/30	<p>In Section 3.2.5.7, TGS Exchange, behavior note <32> has been updated to document the way in which current versions of Windows Server diverge from the [RFC6806] standard.</p>

Errata Published*	Description
	<p>Changed from:</p> <p><32> Section 3.2.5.7: Compound Identity and FAST are not supported in Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, or Windows Server 2008 R2.</p> <p>Changed to:</p> <p><32> Section 3.2.5.7: Compound Identity and FAST are not supported in Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, or Windows Server 2008 R2.</p> <p>Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server, and Windows Server 2019 do not completely conform to RFC6806, in that they will set the Enc-Pa-Rep flag in the Ticket flags, despite not supporting encrypted PA data in TGS-REP messages, if they have FAST enabled.</p>

*Date format: YYYY/MM/DD