

## [MS-NLMP]: NT LAN Manager (NTLM) Authentication Protocol

This topic lists the Errata found in [MS-NLMP] 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 V30.0 – 2018/09/12.

Errata Published*	Description
2019/09/16	<p>In Section 2.2.2.1, AV_PAIR, changed "MsvChannelBindings: to" MsvAvChannelBindings".</p> <p>In Section 3.1.5.2.1, Client Receives a CHALLENGE_MESSAGE, changed "LmChallenResponseMaxLen" to "LmChallengeResponseMaxLen".</p> <p>In Section 3.2.1.1, Variables Internal to the Protocol, changed "NTLM_NEGOTIATE" to "NEGOTIATE_MESSAGE".</p>
2019/09/02	<p>In Section 2.2.2.5, NEGOTIATE, the description of M bit has been changed from:</p> <p>M (1 bit): If set, requests the presence of a signature block on all messages. NTLMSSP_NEGOTIATE_ALWAYS_SIGN MUST be set in the NEGOTIATE_MESSAGE to the server and the CHALLENGE_MESSAGE to the client. NTLMSSP_NEGOTIATE_ALWAYS_SIGN is overridden by NTLMSSP_NEGOTIATE_SIGN and NTLMSSP_NEGOTIATE_SEAL, if they are supported. An alternate name for this field is NTLMSSP_NEGOTIATE_ALWAYS_SIGN.</p> <p>Changed to:</p> <p>M (1 bit): If set, a session key is generated regardless of the states of NTLMSSP_NEGOTIATE_SIGN and NTLMSSP_NEGOTIATE_SEAL. A session key MUST always exist to generate the MIC (section 3.1.5.1.2) in the authenticate message. NTLMSSP_NEGOTIATE_ALWAYS_SIGN MUST be set in the NEGOTIATE_MESSAGE to the server and the CHALLENGE_MESSAGE to the client. NTLMSSP_NEGOTIATE_ALWAYS_SIGN is overridden by NTLMSSP_NEGOTIATE_SIGN and NTLMSSP_NEGOTIATE_SEAL, if they are supported. An alternate name for this field is NTLMSSP_NEGOTIATE_ALWAYS_SIGN.</p>
2018/12/17	<p>In Sections 4.2.2, NTLM v1 Authentication, 4.2.3, NTLM v1 with Client Challenge, and 4.2.4, NTLMv2 Authentication, the name of a flag has been changed from:</p> <p>NTML NTLMSSP_NEGOTIATE_NTLM</p> <p>Changed to:</p> <p>NTLMSSP_NEGOTIATE_NTLM</p>

\* Date format: YYYY/MM/DD