[MS-APDS]: Authentication Protocol Domain Support

Errata below are for Protocol Document Version V29.0 – 2015/06/30.

Errata Published*	Description
2015/09/28	In two sections, corrected the programming-element name LogonInformation.Identity.ParameterControl to be LogonInformation.LogonNetwork.Identity.ParameterControl. In Section 3.1.1, Abstract Data Model, changed from: The NTLM server uses the following configuration values:<3> <3> AllowComputerLogon: A Boolean setting which indicates that the caller wants to authenticate a computer. Setting this flag results in the K bit being set in LogonInformation.Identity.ParameterControl. Changed to: The NTLM server uses the following configuration values:<3> <3> AllowComputerLogon: A Boolean setting which indicates that the caller wants to authenticate a computer. Setting this flag results in the K bit being set in LogonInformation.LogonNetwork.Identity.ParameterControl. In Section 3.1.5.2, NTLM Network Logon, changed from: For NTLM network logons, the NTLM server SHOULD call NetrLogonSamLogonEx ([MS-NRPC] section 3.5.4.5.1)<20> with the following parameters (set as specified): ▪ … ▪ Set the E and K bits of LogonInformation.Identity.ParameterControl. … If the account is a computer account, the sub-authentication package is not verified, and the K bit of LogonInformation.Identity.ParameterControl is not set, then return STATUS_NOLOGON_WORKSTATION_TRUST_ACCOUNT.<23> If the account is a domain controller computer account, the sub-authentication package is not verified, and the E bit of LogonInformation.Identity.ParameterControl is not set, then return STATUS_NOLOGON_SERVER_TRUST_ACCOUNT.<24> … <22> In Windows 2000, if AllowComputerLogon is not set, then the K bit of LogonInformation.ParameterControl is not set. In Windows NT, NTLM servers never set the K bit. Changed to: For NTLM network logons, the NTLM server SHOULD call NetrLogonSamLogonEx ([MS-NRPC] section 3.5.4.5.1)<20> with the following parameters (set as specified): • … • Set the E and K bits of LogonInformation.LogonNetwork.Identity.ParameterControl.<22>. …

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	If the account is a computer account, the sub-authentication package is not verified, and the K bit of LogonInformation.LogonNetwork.Identity.ParameterControl is not set, then return STATUS_NOLOGON_WORKSTATION_TRUST_ACCOUNT.<23>
	If the account is a domain controller computer account, the sub-authentication package is not verified, and the E bit of LogonInformation.LogonNetwork.Identity.ParameterControl is not set, then return STATUS_NOLOGON_SERVER_TRUST_ACCOUNT.<24>
	…
	<22> In Windows 2000, if AllowComputerLogon is not set, then the K bit of LogonInformation.LogonNetwork.Identity.ParameterControl is not set. In Windows NT, NTLM servers never set the K bit.

*Date format: YYYY/MM/DD