[MS-ADTS]: Active Directory Technical Specification

<table>
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This topic lists the Errata found in the MS-ADTS document 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.

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Errata below are for Protocol Document Version V47.0 – 2017/12/01.

Errata Published*	Description
2018/03/13	In Sections 6.1.4.3, msDS-Behavior-Version: Domain NC Functional Level, and 6.1.4.4, msDS-Behavior-Version: Forest Functional Level, certain product names have been removed from the support lists for behavior levels DS_BEHAVIOR_WIN2000 through DS_BEHAVIOR_WIN2003. Changed from: <table><tr><td>Identifier</td><td>Domain controller operating systems that are allowed in the <domain or forest></td><td>Value</td></tr><tr><td>DS_BEHAVIOR_WIN2000</td><td>Windows 2000 Server Windows Server 2003 Windows Server 2003 R2 Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server operating system</td><td>0</td></tr><tr><td>DS_BEHAVIOR_WIN2003_WITH_MIXED_DOMAINS</td><td>Windows Server 2003 Windows Server 2003 R2 Windows Server 2008</td><td>1</td></tr></table>

Errata Published*	Description		
		Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server operating system	
	DS_BEHAVIOR_WIN2003	Windows Server 2003 Windows Server 2003 R2 Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server operating system	2

Changed to:

Identifier	Domain controller operating systems that are allowed in the <domain or forest>	Value
DS_BEHAVIOR_WIN2000	Windows 2000 Server Windows Server 2003 Windows Server 2003 R2 Windows Server 2008	0

Errata Published*	Description		
	DS_BEHAVIOR_WIN2003_WITH_MIXED_DOMAINS	Windows Server 2003	1
		Windows Server 2003 R2	
		Windows Server 2008	
		Windows Server 2008 R2	
		Windows Server 2012	
		Windows Server 2012 R2	
		Windows Server 2016	
	DS_BEHAVIOR_WIN2003	Windows Server 2003	2
		Windows Server 2003 R2	
		Windows Server 2008	
		Windows Server 2008 R2	
		Windows Server 2012	
		Windows Server 2012 R2	
		Windows Server 2016	
2018/03/13	In Section 2.2.20.6 (formerly section 2.2.20.5), KEYCREDENTIALLINK_ENTRY Identifiers, the KeyUsage entry of the KEYCREDENTIALLINK_BLOB structure has been identified as required. Changed from: All keys MUST contain KeyID and KeyMaterial. Keys SHOULD contain KeyHash, KeyUsage, KeyApproximateLastLogonTimeStamp and KeyCreationTime. Changed to: All keys MUST contain KeyID, KeyMaterial, and KeyUsage entries. Keys SHOULD contain KeyHash, KeyApproximateLastLogonTimeStamp and KeyCreationTime entries.		
2018/03/13	In Section 3, Details, the service pack number for Windows Server 2003 operating system has been corrected. Changed from: Windows Server 2003 operating system with Service Pack 3 (SP3) Changed to:		

Errata Published*	Description
	Windows Server 2003 operating system with Service Pack 2 (SP2) In Section 3.1.1.3.3, rootDSE Modify Operations, the service pack number for Windows Server 2003 operating system has been corrected. Changed from: F --> Windows Server 2003 with SP3 Changed to: F --> Windows Server 2003 with SP2
2018/02/12	In Section 2.2.20.4, CUSTOM_KEY_INFORMATION, the Reserved field has been removed. Changed from: Version (1 byte): ... ... Reserved (variable): Reserved for future use. Changed to: Version (1 byte): ... ...
2018/01/16	In Section 1.2.2, Informative References, two new references have been added: [MSDN-CAR] Microsoft Corporation, "Control Access Rights", https://msdn.microsoft.com/en-us/library/ms680945(v=vs.85).aspx [MSDOCS-SchUpd] Microsoft Corporation, "Schema Updates", https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/deploy/schema-updates

Errata Published*	Description
	In Section 6.1.1.2.7.1, controlAccessRight objects, informative information about the displayName attribute has been added. Changed from: validAccesses: This is implementation-specific information for the administrative application. Changed to: validAccesses: This is implementation-specific information for the administrative application. displayName: This is implementation-specific information for human consumption. Some of the values that are used by the Windows implementation can be found at [MSDN-CAR] and [MSDOCS-SchUpd].
2018/01/16	In Section 3.1.1.2.6, ATTRTYP, a reference to the definition of ATTRTYP has been added. Changed from: Any OID-valued quantity stored on an object is stored as an ATTRTYP, a 32-bit unsigned integer. Changed to: Any OID-valued quantity stored on an object is stored as an ATTRTYP ([MS-DRSR] section 5.14), a 32-bit unsigned integer.

*Date format: YYYY/MM/DD