

**Telecommunications and Information Exchange Between Systems**

**ISO/IEC JTC 1/SC 6**

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Ballot Information			
<b>Reference</b>	ISO/IEC FDIS 9594-3 (Ed 6)	<b>Committee</b>	ISO/IEC JTC 1/SC 6
<b>Edition number</b>	6		
<b>English title</b>	Information technology -- Open Systems Interconnection -- The Directory: Abstract service definition -- Part 3:		
<b>French title</b>	Technologies de l'information -- Interconnexion de systèmes ouverts (OSI) -- L'annuaire: Définition du service abstrait -- Partie 3:		
<b>Start date</b>	2009-03-05	<b>End date</b>	2009-05-05
<b>Opened by ISO/CS on</b>	2009-03-05 00:04:44	<b>Closed by ISO/CS on</b>	2009-05-07 00:04:25
<b>Status</b>	Closed		
<b>Voting stage</b>	Approval	<b>Version number</b>	1
<b>Note</b>			

Result of voting
<p><b>P-Members voting: 22 in favour out of 22 = 100 % (requirement &gt;= 66.66%)</b></p> <p><i>(P-Members having abstained are not counted in this vote.)</i></p> <p><b>Member bodies voting: 0 negative votes out of 23 = 0 % (requirement &lt;= 25%)</b></p> <p><b><i>Approved</i></b></p>

Votes by members					
Country	Member	Status	Approval	Disapproval	Abstention
Algeria	IANOR	P-Member			X
Australia	SA	P-Member			X
Azerbaijan	AZSTAND	P-Member			
Belgium	NBN	P-Member			X
Canada	SCC	P-Member	X		
China	SAC	P-Member	X		
Côte-d'Ivoire	CODINORM	P-Member			X
Czech Republic	UNMZ	P-Member	X		
Denmark	DS	P-Member			X
Ecuador	INEN	P-Member			
Finland	SFS	P-Member	X		
France	AFNOR	P-Member	X *		
Germany	DIN	P-Member			X
India	BIS	P-Member	X		
Iran, Islamic Republic of	ISIRI	P-Member			X
Ireland	NSAI	P-Member	X		
Italy	UNI	P-Member	X		
Jamaica	BSJ	P-Member	X		
Japan	JISC	P-Member	X		
Kazakhstan	KAZMEMST	P-Member	X		
Kenya	KEBS	P-Member	X		
Korea, Republic of	KATS	P-Member	X		
Luxembourg	ILNAS	P-Member	X		
Malaysia	DSM	P-Member			X
Malta	MSA	P-Member			X
Netherlands	NEN	P-Member	X		
New Zealand	SNZ	P-Member	X		
Nigeria	SON	P-Member	X		
Norway	SN	P-Member			X
Pakistan	PSQCA	P-Member	X		
Philippines	BPS	P-Member			X
Russian Federation	GOST R	O-Member	X		
Singapore	SPRING SG	P-Member			X
Slovenia	SIST	P-Member	X		
South Africa	SABS	P-Member			X
Spain	AENOR	P-Member			X

Sweden	SIS	P-Member			X
Switzerland	SNV	P-Member	X		
United Arab Emirates	ESMA	P-Member			
United Kingdom	BSI	P-Member	X		
Uruguay	UNIT	P-Member			X
USA	ANSI	Secretariat	X		
Venezuela	FONDONORMA	P-Member			
<b>P-Member TOTALS</b> Total of P-Members voting: 22			22	0	16
<b>TOTALS</b>			23	0	16
(*) A comment file was submitted with this vote					

Comments from Voters			
France	AFNOR	P-Member	<a href="#">France(AFNOR).doc</a>

# Template for comments and secretariat observations

Date: 2009-04-28	Document: ISO/IEC FDIS 9594-3
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1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
FR1	2.2		ed	The RFC 2222 referenced in 2.2 is obsolete and should be replaced by RFC 4422	<i>Replace the reference to RFC 2222 with: - IETF RFC 4422 (2006), Simple Authentication and Security Layer (SASL).</i>	
FR2	7.3.1		ed	Table 1 of 7.3.1 indicates critical extension bits (bits 21-24) related to the Bind operation. The Bind operation does not carry the critically bits, so this does not make sense.	In table 1 of 7.3.1, clear the rows for the bits 21-24 and list these bits as reserved.	
FR3	7.5 and Annex A		ed	<b>allowWriteableCopy</b> defined in 7.5 o) is not defined in the ASN.1 type <b>ServiceControlOptions</b> in subclause 7.5 and in Annex A.	<i>Modify the definition of <b>ServiceControlOptions</b> in 7.5 and in Annex A as follows: <b>ServiceControlOptions ::= BIT STRING { preferChaining (0), chainingProhibited (1), localScope (2), dontUseCopy (3), dontDereferenceAliases (4), subentries (5), copyShallDo (6), partialNameResolution (7), manageDSAIT (8), noSubtypeMatch (9), noSubtypeSelection (10), countFamily (11), dontSelectFriends (12), dontMatchFriends (13), allowWriteableCopy (14) }</b></i>	
FR4	8.1.4		ed	Reword the second sentence of the first paragraph.  <b>securityError</b> should contains <b>spkmError</b> and <b>unsupportedAuthenticationMethod</b>	<i>Modify this sentence as follows: If the Bind request was <b>either</b> using strong authentication or <b>if</b> SPKM credentials <b>were</b> supplied, then the Bind responder may sign the error parameters.  Add the values <b>spkmError</b> and <b>unsupportedAuthenticationMethod</b> to the <b>securityError</b>.  Add, at the end of 8.1.4, the following sentence:</i>	

1 MB = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

2 Type of comment: ge = general te = technical ed = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

# Template for comments and secretariat observations

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1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
					For details on <b>serviceError</b> and <b>securityError</b> , see 12.7 and 12.8.	
FR5	8.2		ed	8.2 references subclause 9.3.2 of ITU-T Rec X.519   ISO/IEC 9594-5 instead of subclause 9.2.2.	Replace 9.3.2 with 9.2.2.	
FR6	12.6		ed	An LDAP URL used to transmit an LDAP referral should be contained in an NSAP address.	Modify the third paragraph of 12.6 as follows: If the DSA is responding to an LDAP request, the NSAP address in the presentation address shall hold an LDAP URL as specified in 11.4 of ITU-T Rec. X.519   ISO/IEC 9594-5accessPoints component in ContinuationReference shall contain a valid LabeledURI value, in which case it will use that value to create an LDAP referral. If this is it does not the casecontain a valid LabeledURI value, it shall not return a referral.	
FR7	12.7 and Annex A		ed	The value <b>unsupportedAuthenticationMethod</b> mentioned in comment 4 should be added to the <b>SecurityProblem</b> ASN.1 type and described as a new item j).	In 12.7 and Annex A, replace the definition of <b>SecurityProblem</b> with: <b>SecurityProblem ::= INTEGER {</b> <b>inappropriateAuthentication (1),</b> <b>invalidCredentials (2),</b> <b>insufficientAccessRights (3),</b> <b>invalidSignature (4),</b> <b>protectionRequired (5),</b> <b>noInformation (6),</b> <b>blockedCredentials (7),</b> -- <i>invalidQOPMatch</i> (8), obselete <b>spkmError (9),</b> <b>unsupportedAuthenticationMethod (10)}</b> Add a new item i) to the list following the definition of <b>SecurityProblem</b> : i) <b>unsupportedAuthenticationMethod</b> – The authentication method suggested is not supported by the DSA.	

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