

To: T10 Technical Committee
 From: Marjorie Krueger, HP (marjorie.krueger@hp.com) and
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 Date: 6 September 2002
 Subject: T10/02-348r0 SAM-3 Names and identifiers for iSCSI revision 16

Revision History

Revision 0 (6 September 2002) first revision

Related Documents

sam2r23 - SCSI Architecture Model - 2 revision 23
 draft-ietf-ips-iscsi-16 - Internet SCSI revision 16

Overview

The iSCSI names and identifiers have changed slightly since originally added to the SAM-2 informational annex (iSCSI was at revision 10 then). They are now structured such that the longest identifier is 255 bytes.

Suggested Changes

Old and new entries are provided for Tables A.3, A.4, A.5, and A.6:

iSCSI entry	Old	New
A.3 Initiator port identifier size	262 bytes	255 bytes
A.3 Target port identifier size	258 bytes	255 bytes
A.4 Initiator port identifier format	iSCSI name + Initiator Session Identifier (ISID) b c	iSCSI name + “,i,” + Initiator Session Identifier (ISID) b c
A.4 Target port identifier format	iSCSI name + Target Portal Group Tag b d	iSCSI name + “,t,” + Target Portal Group Tag b d
A.4 Identifier format note b	b The iSCSI name should be worldwide unique, 255 bytes maximum in UTF-8 format with null termination.	b The iSCSI name should be worldwide unique, 223 bytes maximum in UTF-8 format with null termination.
A.4 Identifier format note c	c The Initiator Session Identifier (ISID) is a non-zero six byte integer.	[no change]
A.4 Identifier format note d	d The Target Portal Group Tag is a non-zero two byte integer.	[no change]
A.5 Initiator device name size	256 bytes	223 bytes
A.5 Target device name size	256 bytes	223 bytes
A.5 Initiator port name size	262 bytes	255 bytes
A.5 Target port name size	258 bytes	255 bytes
A.6 Initiator device name format	iSCSI name a	[no change]
A.6 Target device name format	iSCSI name a	[no change]
A.6 Initiator port name format	iSCSI name + Initiator Session Identifier (ISID) a c	iSCSI name + “,i,” + Initiator Session Identifier a c
A.6 Target port name format	iSCSI name + Target Portal Group Tag a d	iSCSI name + “,t,” + Target Portal Group Tag a d
A.6 Name format note a	a The iSCSI name should be worldwide unique, 255 bytes maximum in UTF-8 format with null termination.	a The iSCSI name should be worldwide unique, 223 bytes maximum in UTF-8 format with null termination.
A.6 Name format note c	c The Initiator Session Identifier (ISID) is a non-zero six byte integer.	[no change]
A.6 Name format note d	d The Target Portal Group Tag is a non-zero two byte integer.	[no change]

A.4.4 iSCSI: As of this writing, the most recently published iSCSI internet draft is:
<http://www.ietf.org/internet-drafts/draft-ietf-ips-iscsi-16.txt>. Newer drafts may be identified at
<http://www.ietf.org/html.charters/ips-charter.html> or in the list of RFCs.