

# Audit Database Schema R16.0 (2013.03.25)

mta_message (M)			
---			
PK	hostid	text	1 345
PK	unid	text	1 345
---			
N	logtime	time	1 345
A	archive_filename	text	3 (R)
A	arrival_time	time	4
A	content_type	text	1
A	def_time	time	1
A	disp_notify_to	text	1
A	envid	text	1
A	from_mta	text	4
A	gateway	text	4
A	in_reply_to	text	4
A	ipmid_dn	text	5
A	ipmid_ora	text	5
A	ipmid_str	text	5
A	msgid	text	1 4
A	nreprecip	int	1 4
A	orig_envid	text	4 (R)
A	orig_sender	text	1
A	p1msgid	text	1
A	priority	int	1
A	qid	text	1 345(I)
A	queued_time	time	1
A	reporting_mta	text	4 (R)
A	sender	text	1 (C)
A	size	int	1 (C)
A	subject	text	1 5
A	subject_msgid	text	1
A	subject_trace	text	1
A	submit_time	time	1
A	subtype	text	1
A	trace	text	1
A	type	char	1

(R) - Renamed  
 (C) - Copy  
 (E) - External  
 (A) - Aggregated  
 (I) - Ignored

mta_recipient (R)			
---			
PK	hostid	text	1234
PK	unid	text	1234
PK	rno	int	1234
---			
N	logtime	time	1234
---			
A	dn	text	1
A	in_recip	text	1
A	mreq	int	1
A	nreq	text	1
A	orig_recip	text	1
A	qtime	period	3
A	quar_filename	text	3
A	quar_info	text	4(C)
A	quar_notified	char	----(E)
A	quar_score	int	4(C)
A	queued_time	time	1 (C)
A	recip	text	123 (C)
A	size	int	1 (C)
A	state	char	123 (A)
A	state_time	time	123 (A)
A	ureq	text	1
A	xno	int	1

mta_recipient_report (RR)			
---			
PK	report_id	serial	12345(A)
---			
FK	hostid	text	12345
FK	unid	text	12345
N	logtime	time	12345
N	rectype	text	12345
---			
A	action	text	34
A	arrival_time	time	12
A	attempt	time	3
A	delivery_time	time	1
A	delivery_type	text	1
A	diag	text	23
A	discard	text	5
A	gateway	text	4
A	info	text	12 45(R)
A	intend_dn	text	5
A	intend_ora	text	5
A	ipmid_dn	text	5
A	ipmid_ora	text	5
A	ipmid_str	text	5
A	logid	text	3
A	mode	text	5
A	msgid	text	4
A	mta	text	3
A	origintrecip	text	12
A	orig_dn	text	5
A	orig_ora	text	5
A	orig_recip	text	34
A	reason	text	2 5
A	receipt_time	time	5
A	recip	text	1234
A	retry	text	3
A	returned_ipm	text	5
A	status	text	34
A	ua	text	4
A	xno	int	12

mta_message_transfer (MT)			
---			
PK	transid	serial	12(A)
---			
FK	hostid	text	12
FK	unid	text	12
N	logtime	time	12
N	rectype	text	12
---			
A	channel	text	12
A	mta	text	12
A	nrecip	int	12
A	sender	text	12
A	size	int	12
A	tid	int	2
A	ttime	period	2
A	acp142_msgid	int	67
A	acp142_source	text	6
A	acp142_ndest	int	7
A	acp142_percent	int	7
A	acp142_co	char	67

mta_recipient_action (RA)			
---			
PK	actionid	serial	12345(A)
---			
FK	hostid	text	12345
FK	unid	text	12345
FK	rno	integer	12345
N	logtime	times	12345
N	rectype	text	12345
---			
A	acdff_error	text	5
A	acdff_type	text	5
A	action	text	4
A	action_time	time	3
A	auth	text	1
A	channel	text	12345
A	delivery_time	time	3
A	diag	text	2
A	info	text	2 4
A	mta	text	12 5
A	notify	text	4
A	reason	text	23 (R)
A	recip	text	123
A	report	text	3
A	rule_	text	4 (R)
A	score	int	4
A	status	text	2
A	tid	int	3

- 1 - msgin
- 2 - msgout
- 3 - archive
- 4 - DSN-msg
- 5 - IPM
- 6 - ACP142in
- 7 - ACP142out

- 1 - rrecip-pos
- 2 - rrecip-neg
- 3 - DSN-recip
- 4 - MDN
- 5 - IPN

- 1 - Ok, Resubmit, Redirect
- 2 - Error
- 3 - Discard, Quarantine, Done, Trans, Deliv
- 4 - Check
- 5 - ACDFfail

# Audit Database Schema R16.0 (2013.03.25)

auditdb (ADB)		
---		
PK key_	text	
---		
A value	text	

logfile (LF)		
---		
PK hostid	text	
PK filename	text	
---		
N byteoffset	int	
N rollover	int	
N lastmodified	time	

mta_connection (C)			
---			
PK id	serial		
PK hostid	text		
PK logtime	time		
---			
N rectype	text		
---			
A actid	text	2	
A actno	text	2	
A addr	text	1	45
A appcon	text	2	
A auth_req	text	2	
A bindtype	text	23	
A chan	text	12345	
A ckpoint	text	2	
A datatrans	text	3	
A dialogmode	text	2	
A discstatus	text	3	5
A dn	text	45	
A fail_reason	text	234	
A helo	text	1	
A host	text	1	
A ip	text	1	
A mech	text	1	
A our_auth_req	text	2	
A ourissuer	text	23	
A ourmtaname	text	23	
A ourpa	text	23	
A oursangdi	text	23	
A oursanmta	text	23	
A ourserial_num	text	23	
A oursubject	text	23	
A reason	text	1	
A recov	text	2	
A res_msgkey	text	2	
A res_p 2len	text	2	
A res_priority	text	2	
A rta_reason	text	3	
A rts_flags	text	2	
A rtse_type	text	2	
A rtsid	text	2	
A sa_fail_reason	text	3	
A sender	text	1	
A sn_ack	text	3	
A sn_sent	text	3	
A their_calling_addr	text	2	
A theiraet	text	2	
A theirissuer	text	23	
A theirmtaname	text	23	
A theirpa	text	23	
A theirsangdi	text	23	
A theirsanmta	text	23	
A theirserial_num	text	23	
A theirsubject	text	23	
A tokengdi	text	23	
A tokenmta	text	23	
A twa	text	4	
A type	text	45	
A userid	text	1	
A window_size	text	2	

mta_message_label (ML)		
---		
PK id	serial	
---		
FK hostid	text	
FK unid	text	
N logtime	time	
---		
A channel	text	
A label_error	text	
A label_where	text	
A label_xml	text	

mta_message_signature (MS)		
---		
PK signid	serial	
---		
FK hostid	text	
FK unid	text	
N logtime	time	
N rectype	text	
---		
A channel	text	
A sign_issuer	text	
A sign_serial	text	
A sign_status	text	
A sign_subject	text	
A sign_time	text	

mta_message_signature _alt_names (MSAN)		
---		
PK nameid	serial	
---		
FK signid	int	
---		
A key	text	
A value	text	



- 1 – **SMTP:** AuthOK, AuthFail, BadData, BadRecip, BadSender, BadVerify, ConnectFrom, Disconnect, Reject
- 2 – **P1 Conn:** P1InitConnOK, P1InitConnFail, P1RespConnOK, P1RespConnFail
- 3 – **P1 Disc:** P1InitDiscOK, P1InitAbort, P1InitReject, P1Unknown, P1RespDiscOK, P1RespAbort
- 4 – **P3 Conn:** P3InitConnOK, P3InitConnFail, P3RespConnOK, P3RespConnFail
- 5 – **P3 Disc:** P3InitDiscOK, P3InitAbort, P3RespDiscOK, P3RespAbort