Explaining the usage of System Mailboxes in Exchange 2003

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Abstract

In this article I will show you the function of system mailboxes in Exchange Server 2003 and how to open these system mailboxes to view the content.

Let's begin

In Exchange Server 2003 there are three different types of system mailboxes which are used by different components of the Exchange subsystems.

The three different system mailboxes are:

- SystemMailbox{GUID}
- System Attendant Mailbox
- SMTP <Servername--{GUID}> Mailbox

SystemMailbox{GUID}

Every private information store in Exchange Server 2003 has one SystemMailbox. The SystemMailbox will be created during the creation process of the private information store and will be deleted when the information store will be deleted.

A SystemMailbox consist of two parts:

The mailbox with its content in the corresponding information store An associated directory object in the Microsoft Exchange System Objects – sometimes called MESO.

The next figure shows the three different types of system mailboxes.

🚔 Exchange System Manager				_ 8 ×
🔁 Eile Action <u>V</u> iew <u>W</u> indow <u>H</u> elp				_ <u>8 ×</u>
Northwind Traders (Exchange)	Mailboxes			
E Backings	Mailbox	Last Logged on By	Size (KB)	Total Items
Hecipients	BMTP (LONDON-{8D4F9B82-F6E5-44C5-AEEA-E06B6D5B10B2})	NT AUTHORITY\SYSTEM	0	0
Administrative Group (EVDIBOHE23SPDL1	🔚 System Attendant	NT AUTHORITY\SYSTEM	0	0
First Administrative Group	🔚 SystemMailbox{8D4F9B82-F6E5-44C5-AEEA-E06B6D5B10B2}	NT AUTHORITY\SYSTEM	4,846	402
E-mail Servers				
I Queues				
🖃 🇊 First Storage Group				
Aailbox Store (LONDON)				
Logons				
Mailboxes				
Figure 1: Different types of system mailbo	I DXES			

Active Directory Users and Computers

You can see the Microsoft Exchange System objects (MESO) in advanced view of the Microsoft Active Directory Users and Computers tool.



ADSI Edit

You can use ADSI Edit from the Windows Server 2003 support tools to see the system mailboxes that are associated to the private information store.

🐗 ADSI Edit				
🍕 Eile Action View Window Help	CN=Mailbox Store (LONDON	N) Properties	<u>?</u> ×	1
	Attribute Editor Security			
ADSI Edit Domain [London.nwtraders.msft] Configuration [London.nwtraders.msft] Configuration,DC=nwtraders,DC= CN=Configuration,DC=nwtraders,DC= CN=DisplaySpecifiers CN=Extended-Rights CN=ForestUpdates CN=ForestUpdates CN=NortDS Quotas CN=Partitions CN=Physical Locations CN=Physical Locations CN=Services CN=Address Lists Conl CN=Address Lists Conl CN=Address Lists Conl CN=Addressing CN=Addressing CN=Extended-Rights CN=Addressing CN=Addressing CN=Extended-Rights CN=Addressing CN=Addressing CN=Extended-Rights CN=Addressing CN=Addressing CN=Extended-Rights CN=Addressing CN=CN=Addressing CN=Extended-Rights CN=CN=Addressing CN=Extended-Rights CN=Extended-Rights CN=CN=Addressing CN=Extended-Rights CN=Chaddressing CN=Chaddressing CN=Extended-Rights CN=Chaddressing CN=Chaddressing CN=Extended-Rights CN=Chaddressing CN=Chaddressing CN=Extended-Rights CN=Chaddressing CN=Chaddressing CN=Extended-Rights CN=Chaddressing CN=Chaddressing CN=Extended-Rights CN=Chaddressing CN	✓ Show mandatory attributes ✓ Show optional attributes Show only attributes that Attributes Attribute 9 distinguishedName 1 dSASignature 1 dSCorePropagationD 1 extensionName 1 fromEntry 1 frsComputerReferenc 1 fSMORoleOwner 1 garbageCollPeriod 1 homeMDBBL 1 instanceTvpe 1	tes s at have ⊻alues Distinguished Octet String UTC Coded Ti UTC Coded Ti UTC Coded Ti UTC Coded Ti Distinguished Distinguished Distinguished Integer Distinguished Integer	Value CN=Mailbox Store (LOND <not set=""> 3/15/2006 7:25:09 PM;3. <not set=""> CNot Set> TRUE <not set=""> <not set=""> <not set=""> <not set=""> <not set=""> CN=SystemMailbox{8D4F 4</not></not></not></not></not></not></not>	(Class J) msExchPriva N msExchPublic
CN=Advanced CN=Advanced CN=Folder Hie CN=Policies CN=Routing Gr CN=Sources	Edit Mul	ti-valued String tribute: homeMDB alue to add:	g Editor)BL	X
CN=Servers CN=LONDO CN=LONDO CN=CN=Infr CN=CN=Mic CN=Mic CN=Mic CN=Mic CN=Pro	N ormationStore =First Storage Group rosoft MTA rosoft System Attendant tocols	alues: :N=Microsoft Syste :N=SMTP (LOND) :N=SystemMailbox	em Attendant,CN=LONDON,CN= DN-{8D4F9B82-F6E5-44C5-AEEA -{8D4F9B82-F6E5-44C5-AEEA-E(A <u>d</u> d <u>R</u> emove

Figure 2: ADSI Edit

How to see the content of the SystemMailbox

Have you ever asked you what content the SystemMailbox has? Have you tried to open the SystemMailbox but without luck? If so, here is the answer. I will show you how to open the SystemMailbox.

There are different tools that allow access to the SystemMailbox and low level access to the store in general. One of the tools is the MAPI Editor, formerly MFCMAPI. Using the MAP Editor is free.

You will find the download link at the end of this article. But there are some steps before we can use the MAPI Editor.

Enable System Mailbox in ADUC

First, we have to enable the SystemMailbox in Active Directory Users and Computers. This is required because we need a configured MAPI profile to access the mailbox later via MAPI Editor.

Disable Hide from address book

The next step is to disable the Hide from Exchange address lists setting in Active Directory Users and Computers. This is required because without disabling this setting we cannot see the mailbox in the MAPI profile.

SystemMailbox{8D4F9B82-F6E5-44C5-AEEA-E06B6D5B10B2} 🎴 🗙							
Published Certificates Member Of Dial-in Object Security Environment Sessions Remote control Terminal Services Profile COM+ Exchange General E-mail Addresses General Address Account Profile Telephones Organization Exchange Features Exchange Advanced							
Simple display name:							
I I ∐ide from Exchange address lists I Downgrade high priority mail bound for ⊠.400							
View and modify custom attributes Custom Attributes							
Configure server and account information ILS Settings							
View and modify permissions to access Mailbox <u>Bights</u>							
Administrative Group: First Administrative Group							
OK Cancel Apply Help							

Figure 3: Disable Hide from address lists

Grant Full Mailbox Access (Send AS / Receive AS)

The account which will open the SystemMailbox requires full mailbox access, so you have to set the required permissions in ADUC (Active Directory Users and Computers).

Copy the Pre Windows 2000 logon name to clipboard

Because we need to create a MAPI profile for the SystemsMailbox you have to note the Pre Windows 2000 logon name. The easiest way is to copy the name to the clipboard.

SystemMailbox{8D4F9B82-F6E5-44C5-AEEA-E06B6D5B10B2} 🙎 🗙					
Published Certificates Member Of Dial-in Object Security Environment Sessions Remote control Terminal Services Profile COM+ Exchange General E-mail Addresses Exchange Features Exchange Advanced General Address Organization					
User logon name:					
User logon name (pre- <u>W</u> indows 2000):					
NWTRADERS\ 8D4F9B82-F6E5-44C5-A					
Log On <u>I</u> o Ageount is locked out Account <u>options:</u>					
 User must change password at next logon User cannot change password Password never expires Store password using reversible encryption 					
Account expires					
● <u>End of:</u> Sunday , May 06, 2007 <u></u>					
OK Cancel Apply Help					

Figure 4: Pre Windows 2000 logon name

Create an Outlook Profile

As a next step you must create an Outlook profile for the SystemsMailbox. Use the pre Windows 2000 logon name shown in the following screenshot.

E-mail Accounts	X
Exchange Server Settings You can enter the required information to connect to your Exchange server.	× ×
Type the name of your Microsoft Exchange Server computer. For information, see your system administrator. Microsoft Exchange Server: London.nwtraders.msft Use Cached Exchange Mode	
Type the name of the mailbox set up for you by your administrator. The mailbox name is usually your user name. User Name: SystemMailbox{8D4F9B82-F6E5-44C5-AEEA-E06B6D5	Chec <u>k</u> Name
	More Settings
< <u>B</u> ack <u>N</u> ext	:> Cancel

Figure 5: Create a MAPI profile for the SystemsMailbox

MAPI Editor

Now it is time to use the MAPI Editor to grant access to the content of the SystemsMailbox. After downloading and extracting the MAPI Editor files you can start the MAPI Editor.

M 🛟	icrosoft	Exchange Serv	er MAPI Edit	or					
<u>F</u> ile	<u>S</u> ession	Address Book	<u>M</u> DB Profile	<u>D</u> ump	Property Pane	<u>O</u> ther	<u>T</u> able		
	Micuo	soft Euchannes (Editor					
	m 🦼	Microsoft Eyeba	berver mapi	Eultor				(
	¢ a p	Microsoft Excha	ange Server M.	API Edit	or			<u>UK</u>	
		6.5.7830.0	000 0000 M.		AU 1 1				
		Lopyright (L) 15	386-2003 Micro	soft Lor	p. All rights reserv	/ed.		 	
	Micros	oft Exchange Ser	ver MAPI Edito	r Usage	e notes				-
	Getting	g Started: Select S	Session\Logon	and Dis	play Store Table	to open -	a profile		
Bropy	Keybo	ard Shortcuts:							
Prope	🕮 All Par	ies E1 Critelli	· Display	uthia hal	n ooroon				
		Ctrl+D	: Enable	Verbos	e Debug Output				
		Ctrl+Shift+D	: Disable	e Debug	Output				
	Table	View Pane							
		F5 Esc		: Refr : Capr	esh/reload table cel (stop) loading	current ta	able		
		Enter		: Oper	n and display sele	cted iten	n		
		Ctrl+C Ctrl+V		: Copy · Pash	v selected item				
		Del, Ctrl+X		: Dele	te selected item				
		Shift+Del, Ctrl-	+Shift+X	: Dele	te selected item p	permaner	ntly		-
	Dis 🔽	play at startup							
									14

Figure 6: Microsoft Exchange Server MAPI Editor

To logon to the SystemsMailbox click – Sessions – Logon and Display Store Table – and select the previously created MAPI profile and logon to these profile. You will need permissions to access the mailbox. You can read more about how to grant permissions to a mailbox in the link at the end of this article.

Microsoft Excl	Microsoft Exchange Server MAPI Editor: Mailbox - SystemMailbox{8D4F9B82-F6E5-44C5-AEEA-E06B6D5B10B2}							
Elle Session Address Book MDB Profile Dump Property Pane Other Iable								
Instance Key	Display Name	Row Type	Depth	PR_ENTRYID, PR_MEMBE	PR_CONTENT_COUNT	PR_CONTENT_UNREAD	PR_OBJECT_TYPE	PR_PROVIDER_DISPLAY,
间 cb: 16 lpb: F	Public Folders	Err:0x8004010	Err:0x8004010	cb: 38 lpb: FF00000038A	Err:0x8004010F=M	Err:0x8004010F=MA	1 (MAPI_STORE)	Microsoft Exchange Mess.
📕 cb: 16 lpb: 0	Mailbox - Syste	Err:0x8004010	Err:0x8004010	cb: 342 lpb: 0000000038	Err:0x8004010F=M	Err:0x8004010F=MA	1 (MAPI_STORE)	Microsoft Exchange Serve

•							F
Property Name(s) 👻	Other Names	Tag	Туре	Value	Value - Alternate view	Flags	•
PR_ACCESS_LEVEL		0x0FF70003	PT_LONG	1	0×1	MAPI_MODI	
PR_ASSOC_CONTENT_COUNT		0×36170003	PT_LONG	0	0×0		
PR_CODE_PAGE_ID		0x66C30003	PT_LONG	1252	0x4E4		
ABC PR_COMMENT, PR_COMMENT_A	PR_COMMENT_W	0×3004001E	PT_STRING8				
88 PR_COMMON_VIEWS_ENTRYID		0x35E60102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
DR_CONTENT_COUNT		0x36020003	PT_LONG	402	0×192		
I8 PR_DELETED_ASSOC_MESSAGE		0x669D0014	PT_I8	0	0×00000000:0×00000000		
PR_DELETED_ASSOC_MSG_COUNT		0x66430003	PT_LONG	0	0x0		
18 PR_DELETED_MESSAGE_SIZE_EX		0x669B0014	PT_I8	0	0×00000000:0×00000000		
COUNT PR_DELETED_MSG_COUNT		0x66400003	PT_LONG	0	0x0		—
18 PR_DELETED_NORMAL_MESSAGE		0x669C0014	PT_I8	0	0x00000000:0x00000000		
ABC PR_DISPLAY_NAME, PR_DISPLAY	PR_DISPLAY_NAME_W	0×3001001E	PT_STRING8	Mailbox - SystemMailbox{8D4F9B82	cb: 61 lpb: 4D61696C626F78202D2		
🗱 PR_ENTRYID, PR_MEMBER_ENTR		0×0FFF0102	PT_BINARY	cb: 342 lpb: 000000038A1BB1005E	8i»åi»□.+*VÂEMSMDB.DLL		
88 PR_FINDER_ENTRYID		0×35E70102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
🗱 PR_IPM_DAF_ENTRYID		0x661F0102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
2018 PR_IPM_FAVORITES_ENTRYID		0×66300102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
2010 PR_IPM_OUTBOX_ENTRYID		0x35E20102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
PR_IPM_SENTMAIL_ENTRYID		0x35E40102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
88 PR_IPM_SUBTREE_ENTRYID		0x35E00102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
PR_IPM_WASTEBASKET_ENTRYID		0x35E30102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA	L½C.□i.M¢Ü'Ä.q^M†ÀgãÀy‡L		
PR_LOCALE_ID		0×66A10003	PT_LONG	1033	0x409		•
•						►	

Figure 7: General SystemsMailbox overview

Doubleclick the SystemsMailbox and navigate through the Root Container to the "Top of the Information Store". Here you will find the Inbox and other relevated mailbox properties.

🚰 Mailbox - SystemMailbox{8D4F9B82-F6E5	-44C5-AEEA-E06B6D5B10B2}: Inbox				_ B ×
Eile Actions Special Folder MDB Property Pane	e <u>O</u> ther Hierarchy Table				
🖅 Root Container	Property Name(s) 🔻	Other Names	Tag	Туре	Value 🔺
- Common Views	0x3F90000A		0x3F90000A	PT_ERROR	Err:0x8004010F=MAPI_E_NOT_FO
- Deferred Action	(5)0x3FD60040		0x3FD60040	PT_SYSTIME	07:03:30.377 PM 10/29/2006
Finder	ABC 0×6656001E		0x6656001E	PT_STRING8	London.nwtraders.msft
Schedule	PR_ACCESS		0×0FF40003	PT_LONG	63
+ schema-root	PR_ACCESS_LEVEL		0×0FF70003	PT_LONG	1
Shortcuts	🗱 PR_ACL_DATA	PR_ACL_TABLE	0x3FE00102	PT_BINARY	cb: 1 lpb: 00
Spooler Queue	PR_ASSOC_CONTENT_COUNT		0x36170003	PT_LONG	0
Deleted Items	PR_ATTR_HIDDEN		0×10F4000B	PT_BOOLEAN	False
Inhov	PR_ATTR_READONLY		0×10F6000B	PT_BOOLEAN	False
Outbox	PR_ATTR_SYSTEM		0×10F5000B	PT_BOOLEAN	False
Sent Items	80 PR_CHANGE_KEY		0x65E20102	PT_BINARY	cb: 22 lpb: 86C067E3C079874C9DF
StoreEvents	ABC PR_COMMENT, PR_COMMENT_A	PR_COMMENT_W	0x3004001E	PT_STRING8	
Views	PR_CONTENT_COUNT		0x36020003	PT_LONG	1
	PR_CONTENT_UNREAD		0x36030003	PT_LONG	1
	PR_CREATION_TIME		0x30070040	PT_SYSTIME	07:03:30.377 PM 10/29/2006
	8 PR_CREATOR_SID		0×0E580102	PT_BINARY	cb: 12 lpb: 0101000000000051200
	I8 PR_DELETED_ASSOC_MESSAGE		0x669D0014	PT_I8	0
	PR_DELETED_ASSOC_MSG_COUNT		0x66430003	PT_LONG	0
	PR_DELETED_COUNT_TOTAL		0×670B0003	PT_LONG	0
	PR_DELETED_FOLDER_COUNT		0x66410003	PT_LONG	0
	I8 PR_DELETED_MESSAGE_SIZE_EX		0x669B0014	PT_I8	0
	PR_DELETED_MSG_COUNT		0x66400003	PT_LONG	0
	I8 PR_DELETED_NORMAL_MESSAGE		0x669C0014	PT_I8	0
	PR_DESIGN_IN_PROGRESS		0x3FE4000B	PT_BOOLEAN	False
	ABC PR_DISPLAY_NAME, PR_DISPLAY	PR_DISPLAY_NAME_W	0×3001001E	PT_STRING8	Inbox
	PR_DISPLAY_TYPE		0x39000003	PT_LONG	16777216
	8 PR_ENTRYID, PR_MEMBER_ENTR		0×0FFF0102	PT_BINARY	cb: 46 lpb: 00000004CBD43008FA
	2 PR_EXTENDED_ACL_DATA		0×3FFE0102	PT_BINARY	cb: 16 lpb: 000000001000000400
	PR_FOLDER_CHILD_COUNT		0x66380003	PT_LONG	0
	PR_FOLDER_TYPE		0x36010003	PT_LONG	1
	PR_HAS_RULES	PR_PROFILE_ABP_MTHREAD_TIME	0x663A000B	PT_BOOLEAN	False
	88 PR_ICS_CHANGE_KEY		0x66550102	PT_BINARY	cb: 44 lpb: 86C067E3C079874C9DF
	PR_INTERNET_ARTICLE_NUMBER		0x0E230003	PT_LONG	22
	PR_LAST_MODIFICATION_TIME		0x30080040	PT_SYSTIME	07:03:30.397 PM 10/29/2006
	I I PR_LAST_MODIFIER_SID		0×0E590102	PT_BINARY	cb: 12 lpb: 0101000000000051200
	PR_LOCAL_COMMIT_TIME		0×67090040	PT_SYSTIME	07:03:30.397 PM 10/29/2006
	PR LOCAL COMMIT TIME MAX		η×670A0040	PT SYSTIME	03:33:35.913 PM 11/4/2006
	<u> </u>				Þ

Contents: 1, Assoc. Contents: 0 Number of Properties: 60 Properties from IMAPIProp::GetProps()

Figure 8: SystemsMailbox Inbox

To see the emails in the SystemsMailbox Inbox click Special Folder – Inbox as shown in the following screenshot.

🚰 Inbox: Display Name Not Found					_ 🗆	×
File Actions Folder New Property	Pane <u>O</u> ther <u>T</u> able					
Instance Key Att?	From	То	Subject	Row Type	e 🕴 Content Co	unt
🔤 cb: 20 lpb: 0 True	Administrator	1; 2; Aaron Co		1 (TBL_LE	AF_R Err:0x8004	010
▲						
Property Name(s) 💌	Other Names		Tag	Туре	Value	
10×0E610003			0×0E610003	PT_LONG	4294967295	
0x0E62000B			0×0E62000B	PT_BOOLEAN	False	
0×1000000A	PR_BODY, PR_BODY	_A, PR_BODY_W	0×1000000A	PT_ERROR	Err:0x8007000E=MAP	'n
0×1009000A	PR_RTF_COMPRESSE	ED	0×1009000A	PT_ERROR	Err:0x8007000E=MAP	'n
10×40190003			0×40190003	PT_LONG	0	
10×401A0003			0×401A0003	PT_LONG	0	
10×401B0003			0×401B0003	PT_LONG	0	
10×401C0003			0x401C0003	PT_LONG	0	
0×4059000A			0×4059000A	PT_ERROR	Err:0x8004010F=MAF	'n
0×405A000A			0×405A000A	PT_ERROR	Err:0x8004010F=MAP	'n
10×40760003			0×40760003	PT_LONG	4294967295	
ABC 0×6656001E			0×6656001E	PT_STRING8	London.nwtraders.ms	ft
0x8188000B			0×8188000B	PT_BOOLEAN	False	-
<u> ا</u>)	
Number of items: 1 Number of Propertie	s: 115 Properties from	n IMAPIProp::GetPr	ops()			

Figure 9: General SystemsMailbox overview

System Attendant Mailbox

Every Exchange Srever has a System Attendant (SA) mailbox. The System Attendant maibox will be created when the System Attendant service will be created during the Exchange installation process.

The System Attendant Mailbox also consists as two parts:

- A mailbox object in the first private information store
- A configuration object in the configuration partition of Active Directory

The System Attendant Mailbox has the following functions:

The System Attendant Mailbox contains the folder SpecialPrivateFolderForFreeBusyStorage, for Free/Busy information for Microsoft Outlook and CDO Applications (Collaboration Data Objects) which will be temporary stored in MSExchangeFBPublish.

The System Attendant Mailbox will also be used to send and receive Exchange monitoring messages for the Link Monitoring Service. You can find this function in the Exchange System Manager under Tools – Monitoring and Status.

Open the System Attendant Mailbox

The System Attendant Mailbox has no deactivated user account like the SystemMailbox so it is not so easy to open the mailbox. You must use MFCMAPI (Microsoft Foundation Classes API) to open the System Attendant mailbox.

SMTP <Servername--{GUID}> Mailbox

Every private mailbox store contains a SMTP mailbox to store temporary message. The SMTP mailbox will be generated when the private information store will be created and mounted. Every SMTP mailbox consists of two parts:

- SMTP mailbox in the corresponding private information store
- Active Diretory object of class Mailgateway under –MailOrganization name Connections.

The following screenshot shows the SMTP maibox of the first private mailbox store.



Open the SMTP Mailbox

You can also use the MAPI Editor to open the SMTP mailbox.

Mailbox Table: SMTP (EX52	2003-{124B56D8-B	FC5-495F-96F	5-E3DE9319DB5A})			
File Property Pane Other Tat	ble					
Instance Key (PR_INSTAN Dis	play Name (PR_DISPL	AY_NAME::0	E-mail Address (PR_EMAIL	Locale	(PR_LOCALE_	ID::0 Size
cb: 4 lpb: 07000000 Sy:	stemMailbox{79F0331	9-1355-4C8F	/O=MAIL/OU=ERSTE AD	1033		369
cb: 4 lpb: 06000000 SM	1TP (EXS2003-{79F03;	319-1355-4C8	. /O=MAIL/OU=ERSTE AD	0		0
cb: 4 lpb: 0500000			/O=MAIL/OU=ERSTE AD	1033		915
cb: 4 lpb: 0400000			/O=MAIL/OU=ERSTE AD	0		137;
cb: 4 lpb: 03000000 Sy:	stemMailbox{124B56D	8-BFC5-495F	. /O=MAIL/OU=ERSTE AD	1031		3691
cb: 4 lpb: 02000000			/O=MAIL/OU=ERSTE AD	1033		119;
cb: 4 lpb: 01000000 SM	1TP (EXS2003-{124B56	5D8-BFC5-495	. /O=MAIL/OU=ERSTE AD	0		0
cb: 4 lpb: 00000000 Sy:	stemaufsicht		/O=MAIL/OU=ERSTE AD	1033		0
•						•
Name 👻	Tag	Туре	Value		Value - Alte	rnate view
PR_ASSOC_CONTENT_COUNT	0x36170003	PT_LONG	0		0×0	
PR_CONTENT_COUNT	0x36020003	PT_LONG	0		0×0	
PR_DISPLAY_NAME	0x3001001E	PT_STRING8	SMTP (EXS2003-{124B56D8-BF	C5-4		
PR_EMAIL_ADDRESS	0x3003001E	PT_STRING8	/O=MAIL/OU=ERSTE ADMINIS	TRAT		
PR_INSTANCE_KEY	0x0FF60102	PT_BINARY	cb: 4 lpb: 01000000		□	
PR_LAST_LOGOFF_TIME	0x66A300	PT_ERROR	Err:0x8004010F=MAPI_E_NOT	_FO		
PR_LAST_LOGON_TIME	0x66A20040	PT_SYSTIME	04:19:47PM 03/21/2006		Low: 0x456	EE36C High: 0>
PR_LOCALE_ID	0x66A10003	PT_LONG	0		0×0	
PR_MESSAGE_SIZE	0x0E080003	PT_LONG	0		0x0	
PR_MESSAGE_SIZE	0x0E080014	PT_I8			0×0000000	J:0x00000000
PR_NI_USER_NAME	UX66AUUU1E	PT_STRING8	INT-AUTORITAT(SYSTEM			
PR_STORAGE_LIMIT_INFORMATIO	ON UX66A4UUU3	PT_LONG	8		UX8	
•						Þ
Number of items: 8 Number of Pro	operties: 12 Propertie	es from the row	in the table			

Figure 11: SMTP Mailbox properties

The following screenshot shows the TempTable space of the SMTP mailbox and the MTS-IN and MTS-OUT queue.

📡 SMTP (EXS2003-{124B56D8-BFC5-495F-96F5-E3DE9319DB5A}): Root Container							
File Actions Special Folder MDB	Property Pane Other Hierarchy Table	;		Maxi			
🖃 Root Container	Name 👻	Tag 1	Туре	Value 🔺			
Deferred Action	0x3F90000A	0x3F90000A	PT_ERROR	Err:0x8004010F=MAPI_E_NOT_F			
MTS-IN	0x3FD60040	0x3FD60040 I	PT_SYSTIME	00:03:53AM 04/03/2005			
MTS-OUT	PR_ACCESS	0x0FF40003 I	PT_LONG	63			
Spooler Queue	PR_ACCESS_LEVEL	0x0FF70003 I	PT_LONG	1			
ToppTable#1	PR_ACL_TABLE	0x3FE00102	PT_BINARY	cb: 1 lpb: 00			
	PR_ASSOC_CONTENT_COUNT	0x36170003 I	PT_LONG	0			
#0	PR_ATTR_HIDDEN	0×10F4000B	PT_BOOLEAN	F			
#1	PR_ATTR_READONLY	0×10F6000B	PT_BOOLEAN	F			
#10	PR_ATTR_SYSTEM	0×10F5000B	PT_BOOLEAN	F			
#11	PR_CHANGE_KEY	0×65E2000A	PT_ERROR	Err:0x8004010F=MAPI_E_NOT_F			
#12	PR_COMMENT	0x3004001E	PT_STRING8	<null string=""></null>			
#13	PR_CONTENT_COUNT	0x36020003	PT_LONG	0			
	PR_CONTENT_UNREAD	0×36030003	PT_LONG	0			
#15	PR_CREATION_TIME	0x30070040	PT_SYSTIME	00:03:53AM_04/03/2005			
#15	PR_CREATOR_SID	0×0E580102	PT_BINARY	cb: 12 lpb: 01010000000000512			
#16	PR_DELETED_ASSOC_MESSAGE_SIZ	0×669D0014	PT_18	0			
#17	PR_DELETED_ASSOC_MSG_COUNT	0x66430003	PT_LONG	0			
#18	PR_DELETED_COUNT_TOTAL	0×67080003 I	PT_LONG	0			
#19	PR_DELETED_FOLDER_COUNT	UX66410003 I	PT_LONG	0			
#2	PR_DELETED_MESSAGE_SIZE_EXTEN	Ux66980014 I	PT_18	U			
#3	PR_DELETED_MSG_COUNT	UX66400003 I	PT_LONG	0			
#4	PR_DELETED_NORMAL_MESSAGE_SI	UX669C0014 1		0			
#5	PR_DESIGN_IN_PROGRESS	UX3FE4000B 1	PT_BOULEAN				
#5		0x3001001E		<null string=""></null>			
#0		0x39000003 1	PT_LONG	cb, 46 lbb, 0000000058C4496417			
#/		0x0FFF0102	DT BINARY	cb: 16 lpb: 000000000000000000000000000000000000			
#8		0×66380003		5			
···· #9	PR FOLDER TYPE	0x36010003		0			
	PR HAS BUIES	0x6634000B		F J			
	0.44550000	DT CODOD					
				•			
Contents: 0, Assoc. Contents: 0 Nu	mber of Properties: 59 Properties from IM	APIProp::GetPro	ops()				
Sinung 40: ONTO Mailleau Tanga Tabla ananagina							

Figure 12: SMTP Mailbox TempTable properies

The folders MTS-IN and MTS-OUT are used by Exchange Deploymnet Kit (EDK) connectors to transfer messages between the MTA (Microsoft Exchange Transport Agent) and the information store (store.exe) of Exchange. They are also used for X400 connectors, Exchange site connectors, and connectors for fax.

Conclusion

I hope you now have a better understanding about the different type of system mailboxes in Exchange Server 2003 and you will now know how to open the content of these mailboxes with tools like MAPI Editor. The MAPI Editor is a very powerful tool and I can recommend to you that you should spend some time learning the powerful features of the MAPI Editor.

Related Links

MAPI Editor Download http://www.microsoft.com/downloads/details.aspx?FamilyID=55fdffd7-1878-4637-9808-1e21abb3 ae37&DisplayLang=en More information about the MAPI Editor http://blogs.msdn.com/stephen_griffin/archive/2006/06/07/621138.aspx Exchange Server 2003 Mailbox Management http://www.msexchange.org/tutorials/Mailbox-Management.html How to grant Full Mailbox Access to an Exchange Server 2003 mailbox http://www.petri.co.il/grant_full_mailbox_rights_on_exchange_2000_2003.htm