Migrating to 4D Mail © 1995-2002 4D, Inc. and its Licensors.

Currently the 4D Mail Migration Tool is primarily designed for migrating user accounts and stored mail from 4D WebSTAR v4 servers, but can be adapted to export mail from other IMAP servers.

WARNING: If you only want to transfer user names and no stored mail, you should not use the Migration Tool. Instead, you need to export and import the user list only (see below).

Alternative methods of migration include a) manually moving users one at a time from the old server to the new one, and b) importing a user list only (appropriately formatted) into the 4D Mail server via the Admin Client's Post Office User Accounts panel.

The 4D Mail Migration Tool is only available as an OS X application, but requires that your old mail server is running, so you will need two networked machines to complete the migration process. Ideally, you should run the utility from the OS X machine that will become your new server, and leave the old mail server running in its original location. This makes the migration process as quick as possible, and allows you to keep your old server operational until you are certain the migration was a success. However, if you are migrating from WebSTAR Mail v4 on OS 8 or 9 to 4D Mail on OS X on the same machine, you will need another OS X machine from which to run the Migration Tool.

Please read all of the instructions below carefully before beginning the migration process.

WARNING: If you skip over steps in the instructions (unless otherwise directed), the migration is likely to fail.

IMPORTANT: DNS issues related to moving an email server from one IP to another are not addressed in this document, but do not forget to modify your DNS records if appropriate after migrating.

For the purposes of this document, 4D Mail and 4D WebSTAR V are essentially the same product, even if you are only using the Mail server.

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I. Migrating user information (names and passwords) only from 4D WebSTAR Mail v4, without the Migration Tool

II. Migrating users and stored mail from one machine to another (recommended), with the Migration Tool

III. Migrating users and stored mail from WebSTAR Mail v4 to 4D Mail/4D WebSTAR V on the same machine, with the Migration Tool

I. Migrating user information only from 4D WebSTAR Mail v4, without the Migration Tool

To migrate the user list ONLY from 4D WebSTAR Mail v4, you must do the following:

1. Make sure WebSTAR v4 is running, then connect with the WebSTAR Admin v4 application and open the Server Settings window (command-E).

NOTE: If you run the Admin from an OS X machine, you should first Get Info on the application and make sure that "Open in the Classic environment" is checked.

2. Select the Mail Settings Users & Accounts panel.

] Settings: 216.33.2.212:80 E						
SSI Security	Users & Accou	nts				
Virtual Hosts	Friendly Name	E-mail	Storage	APOP	Messages	L
SSI		postmaster	0	false	0	
Suffi× Mapping	Don Johnson	dave@4dwebstar.com	0	false	0	
Actions	Jacky Chan	luke2@4dwebstar.com	0	false	0	
Realms	Jim Cricket	sergiy@4dwebstar.com	0	false	0	
Users	Ponch and John	luke@4dwebstar.com	0	false	0	
Allow/Deny	Test Account	test@4dwebstar.com	1024	true	0	
Logging Options						-
Log Format						-
SSI Counters	Accounts 6					
NetCraft						
▽ FTP Settings	Friendly Name: Po	onch and John Pa	assword:	••••		
Connections	E-mail Name:	Host: 4dwebst	ar com		Message Limit: 0	
Users		Re Host. Hawebst	ar .oom			
Logging Options	Forward To:	Stora	ge Limit (K): 0	📄 🚔 🔲 Require APC)P
▽ Mail Settings	IMAP Privileg	jes				
Defaults	Create Mailt	ooxes 🔽 Delete Mailt	boxes		Rename Mailboxes	
Hosts						
Connections					alata Delata	_
Caching	Import SGM	Export			New New	
Routing	A				(<u> </u>	
Users & Accounts	-				Save	e

3. Click on Export, and choose "User List Tab Delimited."



4. Select an an appropriate location and Save.

5. Rename the relevant headers on the first line of the exported file to the 4D Mail format.

WebSTAR Mail v4 format:

mailbox < tab > alias < tab > password < tab > storageLimitK < tab > messageLimit < tab > requireApop < tab > forwardTo and tab > forwardTo and

IMPORTANT: You can ignore all other headers.

4D Mail format:

username < tab > firstname < tab > password < tab > maxsize < tab > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab > forward > maxmess < tab > apop < tab

6. If you have duplicate usernames in the list (e.g. jsmith@host2.com and jsmith@myhost.org), you must either create multiple lists for import into multiple 4D Mail Post Offices, or eliminate the duplicates for import into one 4D Mail Post Office.

7. Remove the @ sign and everything after it (if it exists) in each username field (for example, find all instances of "@domain.com" and replace with "".)

8. Install and run 4D Mail/4D WebSTAR V. Please see the "About 4D WebSTAR V.txt" readme file for complete information, especially on upgrading from 4D WebSTAR 4.

9. Connect to the 4D Mail/4D WebSTAR V with the Admin Client application, and select the Post Offices panel in the Mailbox Server group.

In 4D Mail, a post office is essentially a set of users grouped together for administration purposes.

Web Server	Name DefaultSite	Root Folder Mail_DefaultSite	Max. Accounts 0	Accounts Used
Web Host Web Security	PostOffice2	PostOffice2Storage	0	1
FTP Server	Post Offic	e Name: DefaultSite		
✓ Mailbox Server	Root Fo	lder: Mail_DefaultSite	Choose	New
Connections Post Offices		Max. Post Office Account	s: 0	Delete
All Mail Users	Total L	icenses Used: 17	Default Post Office: Def	aultSite 🔽
Allow/Deny	Local Mail Dom	ains		
Post Office	🔺 Email Exte	nsion	Post Office	
Post Office	4dwebstar.co	m	DefaultSite	
rost Office	4 dwebstary c	om	DefaultSite	
	mypostoffice	.org	PostOffice2	
	mypostoffice Email Exte	.org ension: 4dwebstar.com	PostOffice2	
rost Office	Email Exte	org ension: 4dwebstar.com ute to: DefaultSite	PostOffice2	

NOTE: If you do not see a Mailbox Server panel group, the Mailbox Server is probably not active. Select the Settings panel in the Admin Server Group, and check the Monitored Servers table. If the SMTP and Mailbox Servers are not set up to be active, turn on the SMTP and Mailbox Server checkboxes and click Save only once. Watch the Launcher window to see when the two servers start (it may take a minute or two). Then disconnect and reconnect with the Admin Client. If you have problems connecting, even after waiting several minutes, you may need to restart the machine to allow a clean launch of all 4D WebSTAR processes.

10. You can simply use the DefaultSite post office and assign it one or more email extensions, or you can create multiple post offices with appropriate email extensions assigned to them. In either case, all extensions that exist in the exported user list must appear in the Email Extensions table.

If you have duplicate user names with different email extensions (e.g. jsmith@4d.com and jsmith@webstar.com) that are distinct accounts, you will need a separate post office for each of these email extensions.

11. Check the Admin Server License panel to make sure that your installed license will support all the users you are about to import.

12. Quit 4D WebSTAR V (usually by quitting the 4D WebSTAR Launcher).

13. Relaunch 4D Mail (4D WebSTAR V).

14. Use the Admin Client to log into one of your Post Offices.

15. Go to the Post Offices User Accounts panel and select Import.

0 0 0 4D WebSTA	Admin Client – Settings Group : DefaultSite S	erver : 127.0.0.1 Port : 9494
Admin Server Web Server Web Host Web Security	Find User Name: User Name First Name 4D WebSTAR Admin Clien	Last Name APOP Login
 Web Rewrite FTP Server SMTP Server Mailbox Server 	4DWebSTAR	Data Madified
Post Office All Recipients User Accounts Groups	4D WebSTAR Installer.log 4D WebSTAR Launcher.app 4D WebSTAR License.txt	10/4/02 10/4/02 9/27/02
0.0003	AdminClient AdminServer Compatibility Testing for IMAP	9/30/02 10/14/02 10/16/02 10/15/02
	Format: All Files	10/4/02
	Import Export	Cancel Open Delete New
A V	Maximum Accounts: 0	Accounts Used: 17 Save

16. Select your reformatted user list file (if you are now working on a different machine you may need to copy it over).

17. Check the imported records to make sure that everything makes sense, then click save.

18. If you are importing into multiple Post Offices, repeat steps 10 through 13 for each Post Office.

II. Migrating from one machine to another with the Migration Tool

WARNING: Each time you perform an export with the Migration Tool, you should make sure that you are logged in to the Finder as the "webstar" user, and if the LocalStorage folder already exists in 4DWebSTAR/MailboxServer you should delete or move it.

A. Record Other Settings

the redesign of the Mail server for OS X, many settings in WebSTAR Mail v4 do not directly correspond with those in 4D Mail/4D WebSTAR V. This migration tool only transfers users and their messages, so you should record all other mail settings in your old server.

B. Prepare Your Old Mail Server

1. Prevent new messages from accumulating in user accounts.

In WebSTAR Mail 4, the easiest way to do this is to deny all SMTP Incoming connections and to turn off "Require prior client login."

a. First make sure WebSTAR v4 is running, then connect with the WebSTAR Admin v4 application and open the Server Settings window (command-E).

b. Select the Mail Settings Connections panel and disable "Require prior client login" (this feature allows users to bypass Allow/Deny settings).

	Settings: 216.33.2.212:80	
♥ Web Settings	_ Connections	
FTP Settings	SMTP Connections	
🗢 Mail Settings	Outgoing Connections: 12 🖨 Incoming Connections: 12 🗬	
Defaults Hosts	Hold Undeliverable Mail (hours): 4 Incoming Timeout (Minutes): 10 4	
Connections	🖬 Enable 8-bit message format Incoming Size Limit (MB): 🛛 🛓	
Caching		
Routing	Enable SMTP Forwarding Enable VRFY Enable EXPN	
Users & Accounts Allow/Deny	Require prior client login within minutes.	
Logging Options	IMAP Connections	
Reporting	Maximum Connections: 30 Timeout (Minutes): 30	
	Post Size Limit (MB):	
	POP Connections	
	Maximum Connections: 0 Timeout (Minutes): 10	
	Require APOP authentication	
	LDAP Connections	
	Maximum Connections: 6 Timeout (Minutes): 30	
	Save	ה
		_

c. Select the Mail Settings Allow/Deny panel and choose the SMTP Incoming table. Delete all existing entries (you should note them down or take a screen shot before doing so) and create a new Deny * entry.

	Settings: 216.33.2.212:80
♥ Web Settings	_ Allow/Deny
FTP Settings	Service: SMTP Incoming
	Allow / Denv
Defaults	Houress
Hosts	Deny *
Connections	
Caching	
Routing	
Users & Accounts	
Allow/Deny	
Logging Options	
Reporting	
Proxy Settings	
	Items:1
	Allow Address:
	Deny
A	Save
	Jave

2. Prevent users from accessing their accounts.

The 4D Mail Migration Tool needs IMAP access to your old server, so simply preventing all connections does not work.

You should turn off all POP connections, and only allow IMAP connections from the machine from which you intend to run the 4D Mail Migration Tool. In the WebSTAR Admin,

a. Select the Mail Settings Connections panel and set POP Maximum Connections to 0.

b. Turn off (uncheck) Enable Web-based Email, also on the Mail Settings Connections panel.

c. Select the Mail Settings Allow/Deny panel and choose the IMAP table. Delete all existing entries (you should note them down or take a screen shot before doing so) and create a new Allow <MigrationToolMachineIPAddress> entry, followed by a Deny * entry.

	Se	ettings: 216.33.2.21	2:80	
♥ Web Settings	_ Allow/Deny			
FTP Settings	Service: [IMAP	÷		
	Allow / Depy		Adress	
Defaults	HIOW 7 Delly	10,100,1,10	Huuress	
Hosts	Allow	10.196.1.18		
Connections	Deny	*		
Caching				
Routing				
Users & Accounts				
Allow/Deny				
Logging Options				
Reporting				
Proxy Settings				
	Items:2			
	Allow Address	10.196.1.18		
	O Deny	L		
			Delete	New
4				Save

3. Check for duplicate user names.

If you have duplicate user names with different email extensions (e.g. jsmith@4d.com and jsmith@webstar.com) and one of these accounts is simply used for forwarding to the other, remove the forwarding account. These are no longer needed in 4D Mail.

However, if these are actually distinct user accounts, you do not need to delete them, but you will need to create multiple post offices in 4D Mail.

4. Quit WebSTAR v4 and make a backup of the Plug-Ins:WebSTAR Mail Data folder (and if possible, your entire WebSTAR folder).

5. Relaunch WebSTAR, checking to make sure your Mail Connections changes have taken effect.

C. Prepare 4D Mail/4D WebSTAR V

1. On your OS X machine, install and run 4D Mail/4D WebSTAR V. Please see the "About 4D WebSTAR V.txt" readme file for complete information, especially on upgrading from 4D WebSTAR 4.

2. Connect to the 4D Mail/4D WebSTAR V with the Admin Client application, and select the Post Offices panel in the Mailbox Server group.

In 4D Mail, a post office is essentially a set of users grouped together for administration purposes.

Admin Server		🛦 Name	Root Folder	Max. Accounts	Accounts Used		
Web Server		DefaultSite	Mail_DefaultSite	0	17		
Web Host	E	PostOffice2	PostOffice2Storage	0	1		
Web Security							
Web Rewrite							
FTP Server		Post Office N	ame: DefaultSite				
SMTP Server		Poot Folder	- Mail DefaultSite	Choose	New		
Mailbox Server		Koot Folde	. Mail_DefaultSite	Choose	INEW		
Connections		Max. Post Office Accounts: 0 Delete					
Post Offices					_		
All Mail Users	Total Licenses Used: 17 Default Post Office: DefaultSite						
Logging							
Allow/Deny		Local Mail Domains					
Post Office		🛦 Email Extensi	on	Post Office			
		4dwebstar.com		DefaultSite			
		4dwebstarv.com		DefaultSite			
		mypostoffice.org	J	PostOffice2			
		Email Extensi	on: 4dwebstar.com				
		Route	to: DefaultSite	Refresh			
		Import	Export	Delete	New		

NOTE: If you do not see a Mailbox Server panel group, the Mailbox Server is probably not active. Select the Settings panel in the Admin Server Group, and check the Monitored Servers table. If the SMTP and Mailbox Servers are not set up to be active, turn on the SMTP and Mailbox Server checkboxes and click Save only once. Watch the Launcher window to see when the two servers start (it may take a minute or two). Then disconnect and reconnect with the Admin Client. If you have problems connecting, even after waiting several minutes, you may need to restart the machine to allow a clean launch of all 4D WebSTAR processes.

3. You can simply use the DefaultSite post office and assign it one or more email extensions, or you can create multiple post offices with appropriate email extensions assigned to them. In either case, all extensions that exist in the exported user list must appear in the Email Extensions table.

If you have duplicate user names with different email extensions (e.g. jsmith@4d.com and jsmith@webstar.com) that are distinct accounts, you will need a separate post office for each of these email extensions.

4. Check the Admin Server License panel to make sure that your installed license will support all the users you are about to import.

5. Quit 4D WebSTAR V (usually by quitting the 4D WebSTAR Launcher).

D. Export the User List

1. Create a user and password list with the following format:

mailbox<tab>alias<tab>password<tab>storageLimitK<tab>messageLimit<tab>requireApop<tab>forwardTo jsmith@domain.com<tab>Jo Smith<tab>jopass<tab>0<tab>0<tab>true<tab>jo@domain.com jo@domain.com<tab>Jo Smith<tab>jopass<tab>0<tab>true<tab>

You can also shorten the format to the relevant headers only:

mailbox < tab > alias < tab > password < tab > storageLimitK < tab > messageLimit < tab > requireApop < tab > forwardTo and tab > forwardTo and

In WebSTAR 4, all you have to do is:

a. Make sure WebSTAR v4 is running, then connect with the WebSTAR Admin v4 application and open the Server Settings window (command-E).

NOTE: If you run the Admin from the OS X machine, you should first Get Info on the application and make sure that "Open in the Classic environment" is checked.

b. Select the Mail Settings Users & Accounts panel.

Settings: 216.33.2.212:80								
SSI Security		Users & Accounts						
Virtual Hosts		Friendly Name E-mail		Storage	APOP	Messages 🛓		
SSI		postmaster			false	0		
Suffix Mapping		Don Johnson	dave@4dwebstar.com	0	false	0		
Actions		Jacky Chan	luke2@4dwebstar.com	0	false	0		
Realms		Jim Cricket	sergiy@4dwebstar.com	0	false	0		
Users		Ponch and John	luke@4dwebstar.com	0	false	0		
Allow/Deny		Test Account	test@4dwebstar.com	1024	true	0		
Logging Options						A		
Log Format	≡					*		
SSI Counters		Accounts 6						
NetCraft								
⊽ FTP Settings		Friendly Name: Ponch	and John Pass	sword:	••••			
Connections		E-mail Name:	Host: 4dwebstar	. com	A	Message Limit: n		
Users		Centai Name. Tuke Host: 40webstar.com Contraction Contraction						
Logging Options		Forward To:	Storage	Limit (K): 0	Require APOP		
⊽ Mail Settings		IMAP Privileges						
Defaults		Create Mailboxes	🗹 Delete Mailbo	xes		Rename Mailboxes		
Hosts								
Connections		Import SGML	Export			elete New		
Caching								
Routing	•					Save		
Users & Accounts	•							

c. Assign all users without specific hostnames (i.e. "Any"-type users) a specific Host. Any duplicate addresses should be assigned to different Hosts. If you have many "Any" users, you may prefer to export the file, use a text editor to make the modifications, then re-import.

d. Click on Export, and choose "User List Tab Delimited."

Mail Export
Export:
Selected User and Mail
 All Users and Mail
🖲 User List Tab Delimited
🔵 Export User List SGML format
🔵 Outgoing Mail Queue
Cancel Export

- e. Select an an appropriate location and Save.
- E. Export Messages

1. Log out of the Finder and log back in as the special "webstar" user.

2. IMPORTANT: Check to see if the 4DWebSTAR/MailboxServer/LocalStorage folder exists. If it does, delete or rename it.

- 3. Run the 4D Mail Migration Tool (in 4DWebSTAR/MailboxServer).
- 4. Select the Transfer accounts from 4D WebSTAR Mail v4 option on the first screen, and click on Next.

	4D WebSTAR Mail Migration
💽 Transfer a	ccounts from 4D WebSTAR Mail v4 to 4D Mail/4D WebSTAR V
C Export acc	counts from 4D WebSTAR Mail v4 for later import
🔘 Import acc	counts into 4D Mail/4D WebSTAR V
Cancel	Previous Next

5. Enter the hostname or IP address of your old server, and its IMAP port (usually 143), then click Next.

000	4D WebSTAR I	Mail Migration	
Export account	ts from:		
IMAP Server :	imap.4dwebstarv.com		
IMAP Port :	143		
Cancel		Previous	Next

6. Choose the exported user file created earlier, then click Next.

$\bigcirc \bigcirc \bigcirc \bigcirc$	4D WebSTAR	Mail Migration	
Choose user list f	lle		
Choose			
/Mail Users.txt			
Cancel		Previous	Next

F. Import Users and Messages

1. Select "Overwrite existing accounts" or "Skip existing accounts". This will apply whenever the Migration Tool finds a user name already created in 4D Mail that it is supposed to import. You must decide whether you wish to overwrite these accounts, or to skip them and preserve their new contents.

0 0	4D WebSTAR Mail Migration
 Overwrite ex 	isting accounts
🔘 Skip existin) accounts
Cancel	Previous Next

2. Click Next.

3. Select "Import all accounts into one post office" and choose your post office, or select "Import each account into the appropriate post office." The second option checks the email extension of each exported user and imports them into the corresponding post office. Remember, single post office administration is convenient for one administrator, but does not allow duplicate user names.

00	4D WebST	AR Mail Migration	
🔘 Import all	accounts into one p	ost office	
DefaultSi	te	Y	
 Import eac 	ch account into the a	ppropriate post office	

4. If the Migration Tool warns you that an extension does not exist in a post office, you must run 4D WebSTAR and modify the Post Office panel as described in section C (Prepare 4D Mail/4D WebSTAR V) above. If you do this, do not forget to quit 4D WebSTAR before continuing. You must also quit and relaunch the Migration Tool.

5. Click Next, then click Finish to begin the actual process. This will take a while (up to several hours, depending on the amount of data). If problems occur, check the log files inside the 4DWebSTAR/MailboxServer/LocalStorage folder for error details.

00	4D WebSTAR Mail Migration			
Cancel	Previous Finish			

G. Review the Log Files

After export/import there should be four log files inside the 4DWebSTAR/MailboxServer/LocalStorage folder detailing the export and import process. Please check these for errors.

H. Check the 4D Mail Server

Launch the and check both the user account lists of all post offices. You should also test a few accounts with email clients to make sure that everything is working correctly.

I. "Uninstalling"

If you are unhappy with the results of the migration, quit the 4D Mail server and remove the migrated messages by simply removing the user folders from the Post Office storage location on disk. When 4D Mail is relaunched, you can use the Admin Client to delete the user accounts themselves.

J. Backup and remove the LocalStorage folder

Finally, to reduce confusion and save disk space, you should backup and remove the 4DWebSTAR/MailboxServer/LocalStorage folder.

III. Migrating from WebSTAR Mail v4 to 4D Mail on the same machine

IMPORTANT: If you are migrating from WebSTAR Mail v4 on OS 8 or 9 to 4D Mail on OS X on the same machine, you will need another OS X machine from which to run the Migration Tool.

A. Record Other Settings

With the redesign of the Mail server for OS X, many settings in WebSTAR Mail v4 do not directly correspond with those in 4D Mail/4D WebSTAR V. This migration tool only transfers users and their messages, so you should record all other mail settings in your old server.

B. Prepare Your Old Mail Server

1. Prevent new messages from accumulating in user accounts.

In WebSTAR Mail 4, the easiest way to do this is to deny all SMTP Incoming connections and to turn off "Require prior client login."

a. First make sure WebSTAR v4 is running, then connect with the WebSTAR Admin v4 application and open the Server Settings window (command-E).

b. Select the Mail Settings Connections panel and disable "Require prior client login" (this feature allows users to bypass Allow/Deny settings).

	Settings: 216.33.2.212:80	
♥ Web Settings	_ Connections	
FTP Settings	SMTP Connections	
🗢 Mail Settings	Outgoing Connections: 12 🖨 Incoming Connections:	12
Defaults Hosts	Hold Undeliverable Mail (hours):	10 🗣
Connections	☑ Enable 8-bit message format Incoming Size Limit (MB):	0
Caching	Relay Restrictions & Spam Prevention	
Routing	Enable SMTP Forwarding Enable VRFY	Enable EXPN
Users & Accounts Allow/Deny	Require prior client login within minutes.	
Logging Options	IMAP Connections	
Provy Settings	Maximum Connections: 30 Timeout (Minutes):	30
	Post Size Limit (MB):	0
	POP Connections	
	Maximum Connections: D Timeout (Minutes):	10 🔺
	🗌 Require APOP authenticati	ion
	LDAP Connections	
	Maximum Connections: 6 Timeout (Minutes):	30 🔺
A		Save

c. Select the Mail Settings Allow/Deny panel and choose the SMTP Incoming table. Delete all existing entries (you should note them down or take a screen shot before doing so) and create a new Deny * entry.

	Settings: 216.33.2.212:80
♥ Web Settings	Allow/Deny
FTP Settings	Service: SMTP Incoming 😫
	Allow / Denv Address
Defaults	Hildress
Hosts	Deny *
Connections	
Caching	
Routing	
Users & Accounts	
Allow/Deny	
Logging Options	
Reporting	
Proxy Settings	
	Items:1
	Allow Address: +
	O Deny
	Delete New
-	Save

2. Prevent users from accessing their accounts.

The 4D Mail Migration Tool needs IMAP access to your old server, so simply preventing all connections does not

work.

You should turn off all POP connections, and only allow IMAP connections from the machine from which you intend to run the 4D Mail Migration Tool. In the WebSTAR Admin,

a. Select the Mail Settings Connections panel and set POP Maximum Connections to 0.

b. Turn off (uncheck) Enable Web-based Email, also on the Mail Settings Connections panel.

c. Select the Mail Settings Allow/Deny panel and choose the IMAP table. Delete all existing entries (you should note them down or take a screen shot before doing so) and create a new Allow <MigrationToolMachineIPAddress> entry, followed by a Deny * entry.

	Settings: 2	216.33.2.212:80	E
 Web Settings FTP Settings 	Allow/Deny		
♥ Mail Settings	Allow / Deny	Address	
Defaults	Allow 10,196,1	18	
Hosts	Denv *		
Connections			
Caching			
Routing			
Users & Accounts			
Allow/Deny			
Logging Options			
Reporting			
Proxy Settings			
		·	
	Items:2		
			-
	Allow Address: 10.1 Deny	96.1.18	
		Delete New	
4		Save)

3. Check for duplicate user names.

If you have duplicate user names with different email extensions (e.g. jsmith@4d.com and jsmith@webstar.com) and one of these accounts is simply used for forwarding to the other, remove the forwarding account. These are no longer needed in 4D Mail.

However, if these are actually distinct user accounts, you do not need to delete them, but you will need to create multiple post offices in 4D Mail.

4. Quit WebSTAR v4 and make a backup of the Plug-Ins:WebSTAR Mail Data folder (and if possible, your entire WebSTAR folder).

5. Relaunch WebSTAR, checking to make sure your Mail Connections changes have taken effect.

C. Export the User List

1. Create a user and password list with the following format:

mailbox<tab>alias<tab>password<tab>storageLimitK<tab>messageLimit<tab>requireApop<tab>forwardTo jsmith@domain.com<tab>Jo Smith<tab>jopass<tab>0<tab>0<tab>true<tab>jo@domain.com

jo@domain.com<tab>Jo Smith<tab>jopass<tab>0<tab>0<tab>true<tab>

You can also shorten the format to the relevant headers only:

mailbox<tab>alias<tab>password<tab>storageLimitK<tab>messageLimit<tab>requireApop<tab>forwardTo

In WebSTAR 4, all you have to do is:

a. Make sure WebSTAR v4 is running, then connect with the WebSTAR Admin v4 application and open the Server Settings window (command-E).

NOTE: If you run the Admin from an OS X machine, you should first Get Info on the application and make sure that "Open in the Classic environment" is checked.

b. Select the Mail Settings Users & Accounts panel.

		<u> </u>	Settings: 216.33.2.212:80				
- SSL Security		Users & Accoun	ts				
Virtual Hosts		Friendly Name	E-mail	Storage	APOP	Messages	
SSI			postmaster	0	false	0	Т
Suffix Mapping		Don Johnson	dave@4dwebstar.com	0	false	0	
Actions		Jacky Chan	luke2@4dwebstar.com	0	false	0	
Realms		Jim Cricket	sergiy@4dwebstar.com	0	false	0	
Users		Ponch and John	luke@4dwebstar.com	0	false	0	
Allow/Deny		Test Account	test@4dwebstar.com	1024	true	0	
Logging Options							4
Log Format	≡						-
SSI Counters		Accounts 6					
NetCraft							
▽ FTP Settings		Friendly Name: Por	nch and John Pa	ssword:	••••		
Connections		E-mail Name:	Host: 4dwebst	ar coro		Message Limit: 0	
Users		Tuk		ar .oom			-
Logging Options		Forward To:	Storaç	ge Limit (K): 0	Require APC	ЭР
▽ Mail Settings	_	IMAP Privilege	5				_
Defaults		Create Mailbo	xes 🔽 Delete Mailb	oxes		Rename Mailboxes	
Hosts							
Connections		Lunn out CCh 4	C Even and			alata blaur	
Caching		Import SGML	Export			New New	_
Routing	•						
Users & Accounts	-					Sav	e

c. Assign all users without specific hostnames (i.e. "Any"-type users) a specific Host. Any duplicate addresses should be assigned to different Hosts. If you have many "Any" users, you may prefer to export the file, use a text editor to make the modifications, then re-import.

d. Click on Export, and choose "User List Tab Delimited."



e. Select an an appropriate location and Save.

f. Finally, copy the exported file to the OS X machine from which you will run the Migration Tool.

D. Export Messages

1. On the OS X machine from which you will run the Migration Tool, create a user named "webstar" in System Preferences Users (or System Preferences Accounts in OS 10.2).

2. Install the Migration Tool on this OS X machine using the 4D WebSTAR Installer's "4D Mail Migration Tool" custom install option.

WARNING: Simply copying the Migration Tool to this machine is not recommended--it must be installed in the default location (/Applications/4DWebSTAR/MailboxServer).

WARNING: Each time you perform an export with the Migration Tool, you should make sure that you are logged in to the Finder as the "webstar" user (on the Migration Tool machine), and if the LocalStorage folder already exists in 4DWebSTAR/MailboxServer (on the Migration Tool machine) you should delete or move it.

- 3. Run the 4D Mail Migration Tool (in 4DWebSTAR/MailboxServer).
- 4. Select the Export for Later option on the first screen, and click on Next.

$\Theta \Theta \Theta$	4D WebSTAR Mail Migration
🔘 Transfer a	ccounts from 4D WebSTAR Mail v4 to 4D Mail/4D WebSTAR V
Export acc	ounts from 4D WebSTAR Mail v4 for later import
O Import acc	ounts into 4D Mail/4D WebSTAR V
Cancel	Previous Next

5. Enter the hostname or IP address of your old server, and its IMAP port (usually 143), then click Next.

00	4D WebSTAR I	Mail Migration
Export accoun	ts from:	
IMAP Server :	imap.4dwebstarv.com	
IMAP Port :	143	
Cancel		Previous Next

6. Choose the exported user file created earlier, then click Next.

000	4D WebSTAR Mail Migration
Choose user list fi	le
Choose	
Choose	
/Mail Users.txt	
Cancel	Previous Next

7. Click on Finish to begin downloading messages from the old server, and wait for this process to complete. This will take a while (up to several hours, depending on the amount of data). If problems occur, check the log files inside the 4DWebSTAR/MailboxServer/LocalStorage folder for error details.

$\bigcirc \bigcirc \bigcirc \bigcirc$	4D WebSTAR Mail Migration
Cancel	Previous Finish

E. Prepare 4D Mail/4D WebSTAR V

1. Reboot in OS X and install and run 4D Mail/4D WebSTAR V. Please see the "About 4D WebSTAR V.txt" readme file for complete information, especially on upgrading from 4D WebSTAR 4.

2. Connect to the 4D Mail/4D WebSTAR V with the Admin Client application, and select the Post Offices panel in the Mailbox Server group.

In 4D Mail, a post office is essentially a set of users grouped together for administration purposes.

Admin Server	🛦 Name	Root Folder	Max. Accounts	Accounts Used
Web Server	DefaultSite	Mail_DefaultSite	0	17
Web Host	PostOffice2	PostOffice2Storage	0	1
Web Security				
Web Rewrite				
FTP Server	Post Office N	ame: DefaultSite		
SMTP Server	Root Folder	Mail DefaultSite	Choose	New
7 Mailbox Server	Root Folder	. Man_Deraditoite	Choose	
Connections	Ma	x. Post Office Accounts	s: 0	Delete
Post Offices				
All Mail Users	Total Licer	ses Used: 17	Default Post Office: Defa	aultSite 🔻
Logging				
Allow/Deny	-Local Mail Domains			
Post Office	🔺 Email Extensio	on	Post Office	
	4dwebstar.com		DefaultSite	
	4dwebstarv.com		DefaultSite BostOffice2	
	mypostorrice.org		Postonicez	
	Email Extensi	on: 4dwebstar.com		
	Bouto	to: DefaultSite	Pafrash	
	Koute	to. Defaultsite	Kerresn	
	Import	Export	Delete	New
	import	Export	Delete	Hew

NOTE: If you do not see a Mailbox Server panel group, the Mailbox Server is probably not active. Select the Settings panel in the Admin Server Group, and check the Monitored Servers table. If the SMTP and Mailbox Servers are not set up to be active, turn on the SMTP and Mailbox Server checkboxes and click Save only once. Watch the Launcher window to see when the two servers start (it may take a minute or two). Then disconnect and reconnect with the Admin Client. If you have problems connecting, even after waiting several minutes, you may need to restart the machine to allow a clean launch of all 4D WebSTAR processes.

3. You can simply use the DefaultSite post office and assign it one or more email extensions, or you can create multiple post offices with appropriate email extensions assigned to them. In either case, all extensions that exist in the exported user list must appear in the Email Extensions table.

If you have duplicate user names with different email extensions (e.g. jsmith@4d.com and jsmith@webstar.com) that are distinct accounts, you will need a separate post office for each of these email extensions.

4. Check the Admin Server License panel to make sure that your installed license will support all the users you are about to import.

5. Quit 4D WebSTAR V (usually by quitting the 4D WebSTAR Launcher).

F. Transfer Downloaded Messages

1. Make sure that 4D Mail/4D WebSTAR is NOT running.

2. Copy the folder named "LocalStorage" from /Applications/4DWebSTAR/MailboxServer to the same location on the 4D Mail server machine.

3. Make sure the 4DWebSTAR/MailboxServer/LocalStorage folder on the is readable (and preferably owned) by the "webstar" user. Use the Show Info dialog (Get Info in OS 10.2) and look under Privileges. If it is not, you can run the

4D WebSTAR V Installer's "Configure File Permissions" custom install option.

G. Import Users and Messages

1. Run the 4D Mail Migration Tool again and select "Import accounts into 4D Mail/4D WebSTAR V," then click on Next.

000	4D WebSTAR Mail Migration
🔿 Transfer ac	counts from 4D WebSTAR Mail v4 to 4D Mail/4D WebSTAR V
C Export acco	ounts from 4D WebSTAR Mail v4 for later import
⊙ Import acc	ounts into 4D Mail/4D WebSTAR V
Cancel	Previous Next

2. Select "Overwrite existing accounts" or "Skip existing accounts". This will apply whenever the Migration Tool finds a user name already created in 4D Mail that it is supposed to import. You must decide whether you wish to overwrite these accounts, or to skip them and preserve their new contents.

$\Theta \Theta \Theta$	😑 🔘 4D WebSTAR Mail Migration		
 Overwrite e 	xisting accounts		
🔘 Skip existir	ig accounts		
Cancel		Previous	Next

3. Click Next.

4. Select "Import all accounts into one post office" and choose your post office, or select "Import each account into the appropriate post office." The second option checks the email extension of each exported user and imports them into the corresponding post office. Remember, single post office administration is convenient for one administrator, but does not allow duplicate user names.

00	4D WebST/	AR Mail Migration			
🔘 Import all a	iccounts into one po	ost office			
DefaultSit	e	Y			
 Import each 	n account into the ap	ppropriate post office			
Cancel	0	Previous	C	Next	

5. If the Migration Tool warns you that an extension does not exist in a post office, you must run 4D WebSTAR and modify the Post Office panel as described in section C (Prepare 4D Mail/4D WebSTAR V) above. If you do this, do not forget to quit 4D WebSTAR before continuing. You must also quit and relaunch the Migration Tool.

6. Click Next, then click Finish to begin the actual process. This will take a while (up to several hours if you are both exporting and importing, depending on the amount of data). If problems occur, check the log files inside the 4DWebSTAR/MailboxServer/LocalStorage folder for error details.

4D WebSTAR Mail Migration
Previous Finish

H. Review the Log Files

After export/import there should be four log files inside the 4DWebSTAR/MailboxServer/LocalStorage folder detailing the export and import process. Please check these for errors.

I. Check the 4D Mail Server

Launch the and check both the user account lists of all post offices. You should also test a few accounts with email clients to make sure that everything is working correctly.

J. "Uninstalling"

If you are unhappy with the results of the migration, quit the 4D Mail server and remove the migrated messages by simply removing the user folders from the Post Office storage location on disk. When 4D Mail is relaunched, you can use the Admin Client to delete the user accounts themselves.

K. Backup and remove the LocalStorage folder

Finally, to reduce confusion and save disk space, you should backup and remove the 4DWebSTAR/MailboxServer/LocalStorage folder.