
Mailcoac h

V1.00 beta

SMTP/POP3 server to UUCP

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About Mailcoach

Mailcoach is a SMTP/POP3 server. This means that it can receive and deliver mail via LAN, to and from clients that are using a standard Internet mail software. With certain intervals, Mailcoach transfers outgoing mail to a Internet Service Provider (ISP) using the Unix to unix copy protocol (UUCP). When all mail has been transferred, it receives any waiting mail from the ISP.

There are several advantages using this method instead of multiple mailbox accounts at your ISP, here's two:

1. It's cost effective, all mail are transferred at the same time
2. You decide yourself, the number of mailboxes, their name and you can change it whenever you want, without any additional costs.

System requirements

- Works only in Windows 95 and Windows NT 3.51 or later.
- Minimum of 8 MB memory.
- LAN with TCP/IP protocol installed.
- A modem, minimum 14.400 baud
- UUCP account at your ISP

NOTE: This software uses FX UUCICO. FX UUCICO is Shareware and are Copyright Jorge Cwik 1994. See the Fxuci1.zip in your Mailcoach directory for FXUUCICO registration and further information.

FX UUCICO will be replaced by internal driver in the V2.0 release.

Mail software supported

Mailcoach should work with any Internet mail software using SMTP/POP3. The following programs have been tested and works fine:

- Netscape® navigator
- Microsoft® Exchange
- Microsoft mail & news
- Eudora
- Pegasus
- Agent
- Embla

Windows 95 and NT, are trademarks of Microsoft Corporation.

Features

- SMTP/POP3 server
- UUCP mail transport
- Global or individual POP3 password.
- Unlimited number of alias/user
- Any mailbox can have "auto reply"
- Forwarding, can forward any mailbox to requested address
- Priority mail, UUCP transport on demand from client.
- Supports "user registration" through E-mail, if enabled
- Auto reply can be set up by E-mail, if enabled
- System administrator can always create/delete users and Auto-reply's through E-mail
- Transport at given time or interval
- Easy to install and administrate.
- Fully complies with RFC 821, 822 and 1725. Some support for 1869/1870.

Shareware limitations

You may freely test the software for a period of 30 days without paying any registration fee. If you like to continue using it after that period has elapsed, you are required to register the software. Mailcoach is delivered "AS IS". Ymex electronics disclaims all warranties, expressed or implied and assumes no liability for any problems incurred through its use. Please see Mailcoach homepage: <http://www.multi.se/ymex/mailcoach.htm> for information on product registration.

The Shareware version is fully functional, the only limitations are:

- A maximum of 3 users can be registered
- A maximum of 1 alias/user

Ordering information

- Mailcoach registration
- Actual pricing
- How to order

See Mailcoach homepage at:

<http://www.multi.se/ymex/mailcoach.htm>

Or send an E-mail to mailcoach@ymex.multi.se

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Product support

If you have any problem with Mailcoach, send your questions or reports to:
support.mailcoach@ymex.multi.se

Setting up environment

This chapter describes how to set up Windows95, step by step for using Mailcoach. There is no information concerning Windows NT installation yet.

Note: It should be possible to use DHCP with WINS-resolution when using Windows NT as server although this has not been tried out. Please E-mail us if you get it to work! (mailcoach@ymex.multi.se)

Server configuration

1. Setup the TCP/IP protocol. Choose **"Start"**-button, **"settings"**, **"Control panel"**
2. Double-click the **"Network"** icon. In the dialog box, there should be a TCP/IP protocol installed to your network card, if not, choose the "add" button select "protocol", choose TCP/IP. Now you should see TCP/IP → in the listbox.
3. Select the TCP/IP protocol in the list-box, choose the "properties" button, select the **"IP-address"** tab, specify the IP-address as 192.168.0.1 and **"subnet mask"** as 255.255.255.0
4. **"WINS"** tab. Disable WINS.
5. **"Gateway"** tab, Gateway should be left blank.
6. **"Bindings"** tab, should already be "client for Microsoft networks"
7. "Advanced", No change.
8. **"DNS"** tab, Enable DNS. Add an appropriate name for **"host"** and put your Internet providers name in the **"Domain"** box. In the **"DNS server search order"**, enter your provider's IP-Address for his name-server.
9. Choose the "OK" button. Windows will ask you to reboot, select "yes".
10. Your server is configured!

Client configuration

1. Install and configure TCP/IP by following the instructions for the server with the following changes:
 - **"IP address"**, should be a unique number for each client, 192.168.0.2 for the first, 192.168.0.3 for the second and so on.
 - **"DNS search order"**, select 192.168.0.1 (the server IP).
 - **"Host"**, select a unique name for this machine., leave **"Domain"** blank.
2. Choose the "OK" button. Windows will ask you to reboot, select "yes".
3. Create a **"host"** file. Use the **"notepad"**, type:
192.168.0.1 ServerHostName.ServerDomain
"ServerHostName.ServerDomain" is the name entered in the Server.
4. Save the file as "hosts", into Windows95 directory.
5. Rename the file created (hosts.txt) to "hosts", with no extension.
6. Repeat step 1-5 for each client.
7. Your client is configured!

Installing Mailcoach

Packet zip version

- Unzip Mcoach.zip to an empty directory.
- Run setup.exe

Disk version

- Insert Disk 1 into A:
- Select "Run" from your "start" menu, type A:\Setup.exe and strike ENTER.

Configuring Mailcoach

Mailcoach settings

Before you start using Mailcoach you must provide some information concerning your Company, the ISP and of course, some users. The first time you start Mailcoach, the following menus will automatically start:

Setup - system
Setup - users

You need to provide at least one user with the accesslevel of "postmaster"

Mailcoach menus

File

<i>UUCP Mail transport now!</i>	Calls your ISP immediately and exchanges mail.
<i>Internal mail transport now!</i>	Sorts and transports internal post immediately.
<i>Lock system</i>	Locks access to Mailcoach menus. To gain access again, "postmaster" name and password must be entered.
<i>Exit</i>	Terminates Mailcoach.

View

- Outbox* Shows a list of all mail queued for UUCP transport.
- Inbox* Shows a list of all user mail that has not been fetched yet.

Setup

System

General - tab

- Timezone:* Enter your local timezone, for example GMT
- Local diff:* The local differential, for example +0200
- Domain:* The domain name cannot be altered in Mailcoach.
Mailcoach uses the Win95/NT setup for the machine which it is installed in.
- Priority mail method:*** Method to use when requesting priority mail transport
This is further described in the "*Remote command*" section
- Use X-priority field:* Some Mail programs uses the header field called X-priority to indicate the level of priority. If this option is selected and mail is sent with priority of 1 (highest), the UUCP transport will start immediately.
- Use (priority) in the subject field:* Some mail programs does not support priority mail, in these cases you can still use the priority function by writing:
"(priority)" at the end of your "Subject" line. The command itself will be removed before transferring the mail.
- Allow user registration through E-mail:* When this option is activate, all users can register there own E-mail address by sending an E-mail to Mailcoach.
This is further described in the "*Remote command*" section.

UUCP - tab

<i>Hostname:</i>	The UUCP host name
<i>Login name:</i>	Your login name at your ISP
<i>Password:</i>	Password at your ISP
<i>Protocol:</i>	The protocol used when transferring mail through UUCP Use the pre-defined protocol and change only if your ISP requires a different protocol.
<i>Login name, wait for:</i>	Script for login name. Enter a part of the word that requests your login name at your ISP. Usually the host sends "Login:"
<i>Password, wait for:</i>	Script for password. Enter a part of the word that requests your password at your ISP. Usually the host sends "Password:"

Modem - tab

<i>Comport:</i>	The com port where your modem is connected.
<i>Connect speed:</i>	The communication speed between Mailcoach and your modem.
<i>Locked speed:</i>	Locks the speed to this setting, overriding any other settings used in the UUCICO package. This option will be removed in the V2.0 Release.
<i>Dial string:</i>	The command used when dialing with your modem ATDT uses DTMF dialing.
<i>Phone no:</i>	The phone number to the UUCP service at your ISP.
<i>Call retries:</i>	The number of connect retries to the UUCP service.

Smtp/Pop3 - tab

<i>Global POP3 password:</i>	When registering new users you can select if they should use a private password or a common password (global password). If one or more users should use a global password, enter this password here.
<i>SMTP-Port:</i>	The port where the SMTP service can be found. This should normally never be changed!
<i>POP3-Port:</i>	The port where the POP3 service can be found. This should normally never be changed!

Reserved names - tab

Some user names should be reserved for use by system administrator only. Such name is "postmaster". There are already a few names registered in this list and they cannot be removed.

If you like to add your own "reserved name", for example "webmaster", type the name in the *Reserved name* - field and press the "add" button. If you want to remove a "Reserved name", select the name from the list by clicking on it and then press the "remove" -button.

No changes in the system will be performed until the "OK" button is pressed.

Users

This page contains a list the registered users.

<i>New...</i>	Press this button to register a new user
<i>Edit...</i>	Select a user in the listbox and press this button to edit.
<i>Delete</i>	Select a user in the listbox and press this button to delete user.

When the "New" or "Edit" -button is pressed you will get a menu with the following tabs

General - tab

<i>User name:</i>	Enter the users real name (used within the system)
<i>E-mail address:</i>	The E-mail name. Do not specify domain.
<i>POP3 password:</i>	If the user should have a private password, enter this here.
<i>Access level:</i>	This selection determines which level of access the user has.
-User	Normal access
-Priority mail	The user can request immediate UUCP transport by choosing priority mail.
-Mail administrator	Not implemented yet.
-Postmaster	One, and only one user must have this selection. This user will receive all mail addressed to postmaster@yourdomain. In this system, the postmaster is also the "system administrator" Important: When Mailcoach is installed and configured, the access to all settings is protected by password. Only the Postmaster can access settings with his name and password!
Use global pop3 password:	If this option is selected, the user uses the global password specified in the "system - setup - SmtP/Pop3 - tab."

Alias - tab

You may set up one or more alias for your E-mail address, for example:

If you create the alias: **hobie**, for the user **robert** , then mail can be sent either to *hobie@yourdomain* or to *robert@yourdomain*

If you like to add an "alias", type the name in the *Alias -* field and press the "add" button. If you want to remove an "alias", select the name from the list by clicking on it and then press the "remove" -button.

Use alias: This option must be selected to activate the use of alias.

No changes in the system will be performed until the "OK" button is pressed.

Auto reply - tab

Allow registration and use of auto reply: If this option is selected, the user can create and add his own "auto reply" by sending it to Mailcoach. Auto reply is further described in the "remote command" section.

Forward - tab

Use forwarding: When this option is selected all mail to this user is redirected (forwarded) to the address specified in the "forward address" field

Forward address: Enter the address where to the mail should be forwarded.

Schedule

Specify when or how often Mailcoach shall transport your mail, this is done in the "schedule"
You may select transport at given times and/or intervals.

<i>Task:</i>	Selects which of the following tasks to perform:
<i>UUCP transport</i>	Calls your ISP, sends and retrieves all available post.
<i>Internal post sorting</i>	Checks the outgoing box and transports all post that are within your domain.
<i>Compact db weekly</i>	Compacts the user database weekly
<i>Compact db monthly</i>	Compacts the user database monthly
<i>Day:</i>	Select the day that this task should be performed. There is a "every day" option to select.
<i>Interval:</i>	If option is active, task will be performed with the interval selected.
<i>Timed:</i>	If option is active, task will be performed at given time.

To add a new task, select "task", "Day", and "interval" or "timed", press the "add" button.
To remove a task, select the task from the list by clicking on it and press "Remove" button

No changes in the system will be performed until the "OK" button is pressed.

Remote commands

”Remote commands” is commands that can be used by sending E-mail to Mailcoach.

Register new user through e-mail

With Mailcoach, you can let your users register there own e-mail. This function is available only if it’s activated in ”setup - system - general”

To register a new user this way the user just sends an e-mail to *newuser@yourdomain*
As subject, write:

[RequestedUsernameWithoutDomain#password]

Square brackets must be included.

System administrator

The system administrator can register new users at any time, even if the service is not activated in the setup menu. The command is a bit different:

As subject, write:

[RequestedUsernameWithoutDomain#password [sysadminNameWithoutDomain#ValidPassword]

Deleting user through e-mail

This service is restricted to system administrator only.

To delete a user, send an e-mail to *newuser@yourdomain*
As subject, write:

[UsernameToDeleteWithoutDomain[sysadminNameWithoutDomain#ValidPassword]

Square brackets must be included. You can leave the message body blank.

Create an "Auto reply" mail

"Auto reply" can be used for several purposes. For example:

- Automatic response to indicate to the sender that you have received his letter.
- Sending address change information, if you have changed your address or
- if your having a temporary address while on holiday.
- Automatic sending of product or company -information

The user can set up his auto "reply message" by himself. Follow the steps below:

Create the message you wish to use as "auto reply" using your standard mail software. The mail will be sent exactly as you set it up, including any attachments.

At the end of your subject line, add the following text:

Subject: This is the subject. [*YourUserNameWithoutDomain#ValidPassword*]

The address is used to identify the receiver of the "auto reply" message. This part of the Subject-line will be erased before saving the message.

Send the mail to: *autoreply@yourdomain*

How to create "product information" reply's

To receive information concerning the product Mailcoach, you just send an empty message to *info.mailcoach@ymex.multi.se* This is how it is set up.

Create a new user with the product name
Send the information as a "auto reply" message to this user.

System administrator

The system administrator can create "auto reply's" for any user. The command is a bit different:

Subject: This is the subject. [*UserNameWithoutDomain [sysadminNameWithoutDomain#ValidPassword]*]

Deleting an "Auto reply" mail

To delete a "auto reply" mail, send E-mail to `delautoreply@yourdomain`
As subject, write:

`[UsernameWithoutDomain #ValidPassword]`

System administrator

The system administrator can delete any users "auto reply's" at any time, use the following command:

`[UsernameWithoutDomain #ValidPassword][sysadminNameWithoutDomain#ValidPassword]`

Sending priority mail

When Mailcoach receives a priority mail, it will immediately initiate a UUCP transport.
To Use this function, the user must have the access-level of "priority mail" or higher and the option must be activated under setup - system - general.

There is no standardized method for handling priority mail within Internet yet and because of that, no mail software handles this thing the same way (if it handles it at all).

If your mail software can send priority mail, try it and see if it works. Pegasus, Eudora, Microsoft mail, Netscape and Embla is tested and works fine.

If it doesn't work, you need to use the second method:

In the subject field, write "(priority mail)" after your own subject. This command instructs Mailcoach to deliver your mail immediately. The extra field will be deleted from your mail before transferring.

Internal mail transport and sorting

All mail that are posted within your domain and are addressed to someone within your domain, can be transported directly without sending it through UUCP first. The only requirement is that the mail is addressed only to someone within your domain. If you have set a CC to anyone outside, the mail goes through UUCP first.

Note that you can set a separate schedule for internal mail and get a faster deliverance this way.

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