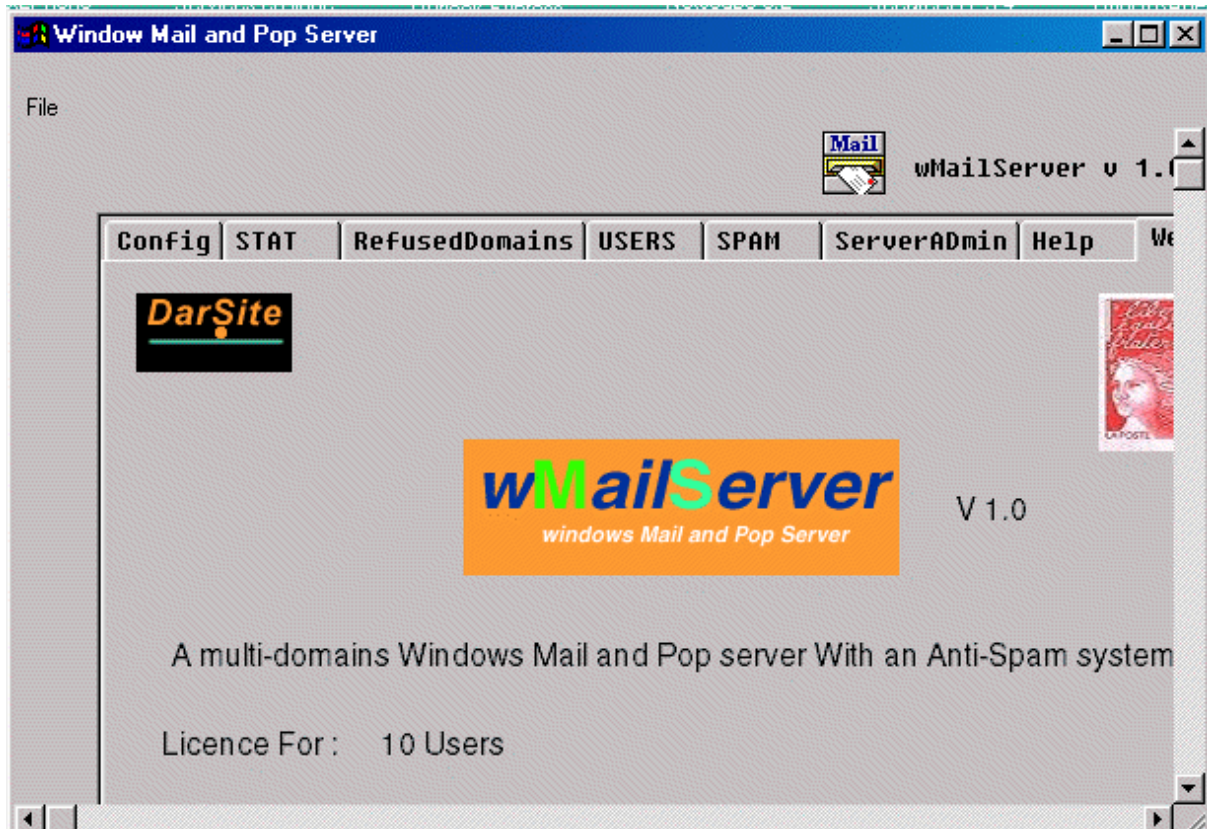




wMailServer document help

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The wMailserver software acts as an smtp (Simple Mail Transfer protocol) email server and a pop (post office protocol) server.

The wMailserver is designed to be used by individuals or companies to receive emails from the net.

It runs on the Microsoft windows systems as : win98/winNt/win200/winXp

Features of the wMailServer:

The wMailServer allows you To :

- *Create and manage email accounts.*
- *Create and manage email spam list that concern a user.*
- *Create and manage aliases attached to a user.*
- *Create and manage email spam list that concern all your users.*
- *Define the domain list which are not allowed to connect to the smtp server*
- *Manage email and pop server.*

- *Mange remotely the wmailserver.*

0 : Before using the wMailServer :

You have first to own an internet domain name : (example : toto.com). You can register a domain name by using the services of one of several domain registrars in the internet.

After registering domain name, a Dns entry must be defined in the Dns database corresponding to the primary and the secondary name server. In this entry, a Mail exchange filed must be defined (MX). It redirects the email agent to the requested email server.

A Dns Example :

;;DNS FOR darweb.com

\$TTL 3600

*@ IN SOA darweb.com. hostmaster.darsite.com. (
10000 ; Serial
600 ; Refresh
300 ; Retry
900 ; Expire
900) ; Minimum*

NS ns1.darsite.com.

NS ns2.darsite.com.

MX 10 mail.darsite.com.

darweb.com. A 193.145.110.26

www A 193.146.110.26

ftp A 193.146.110.26

I: Installing the wMailServer :

The installation process of the wMailServer is easy and does not require any special network knowledge. You must in first step specify the principal domain name (the domain name attached to your server machine).

A key validation may be asked if you are using a demo version. You must then connect to our web server to register the software and get a key.

II: Managing email accounts

USER:

An email accounts is considered as a user.

Each user is defined by : its name and its domain name.

<user>=<name>@<domain-name>

User example :

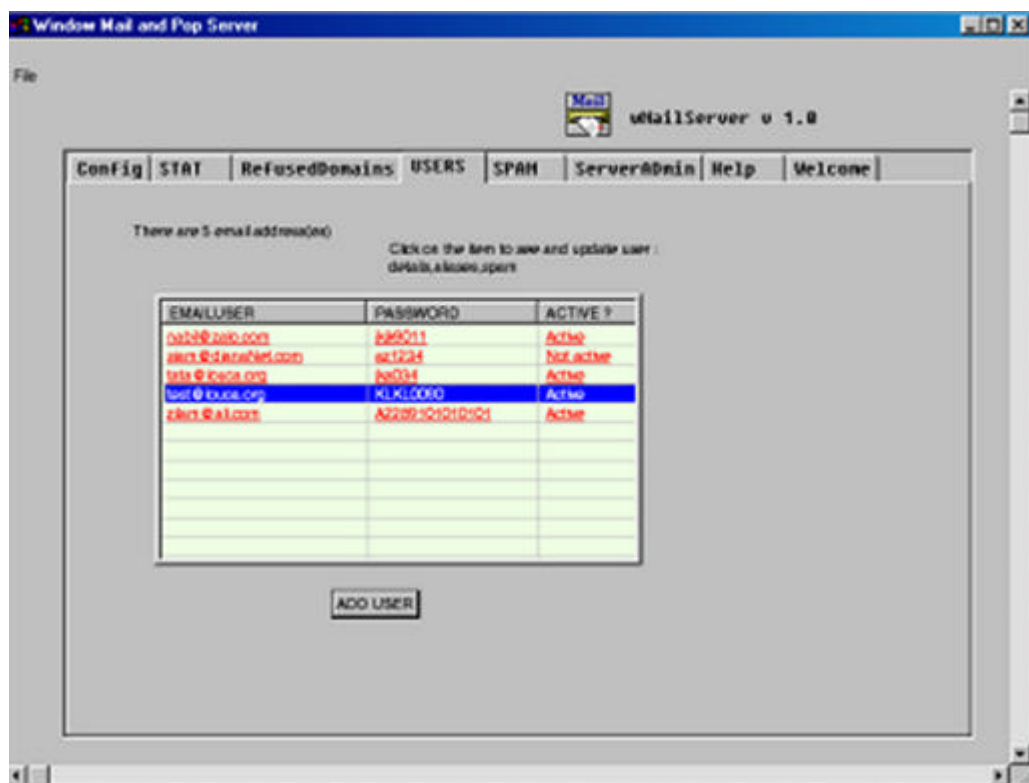
John.first@darsite.com

The domain name darsite.com must have an MX entry in the DNS file. This MX must be equal to the MX of the principal domain name or to an other domain which have the same ip adress as it.

To protect user data and the system, each user has a password that allows him to connect via a pop agent to the pop server and retrieves his emails.

A user could be active and not active at any time by the wMailServer admin (you). An non active user could not receive emails and fetch his mail box.

Each user field may be updated by a sample click on the item.



A user name could not be updated. It must be destroyed and recreated.

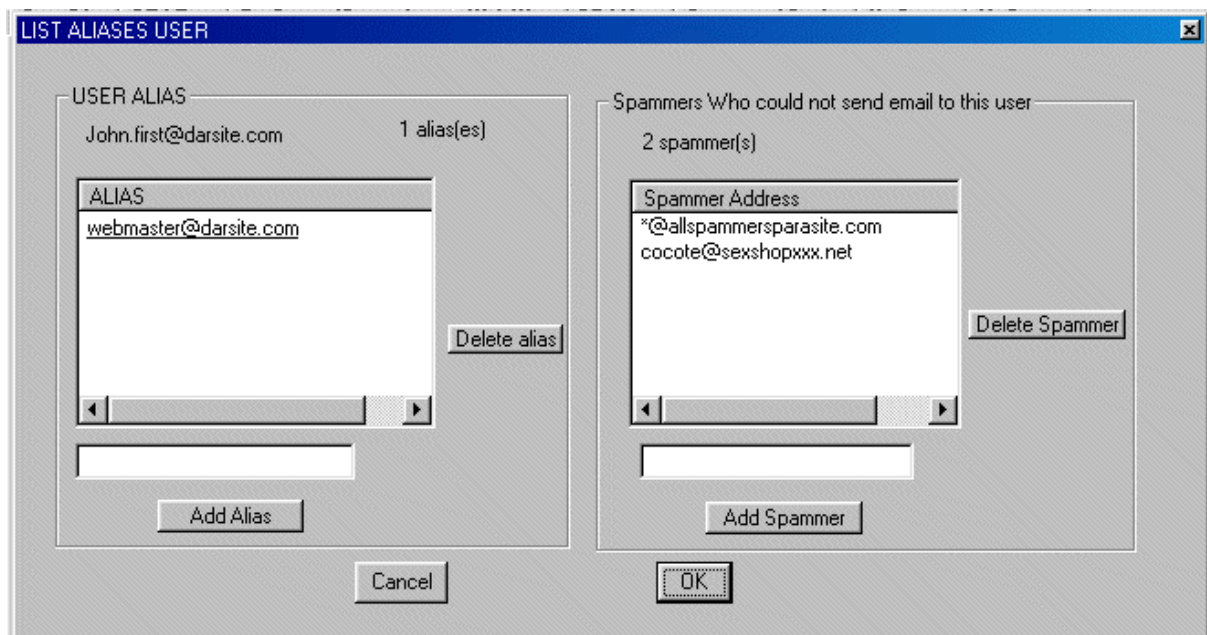
User aliases :

Each user could own many aliases. Domain name alias must be equal to the principal sever domain name or the user domain name or to an other declared domain name in the server. Each coming email sent to the alias address will be redirected to the user. Example : the user John.first@darsite.com could have webmaster@darsite.com as an alias. All emails sent to the email address webmaster@darsite.com will be redirected to the user John.first@darsite.com. The alias domain name address must be a valid domain and defined in the DNS too.

Anti-Spam :

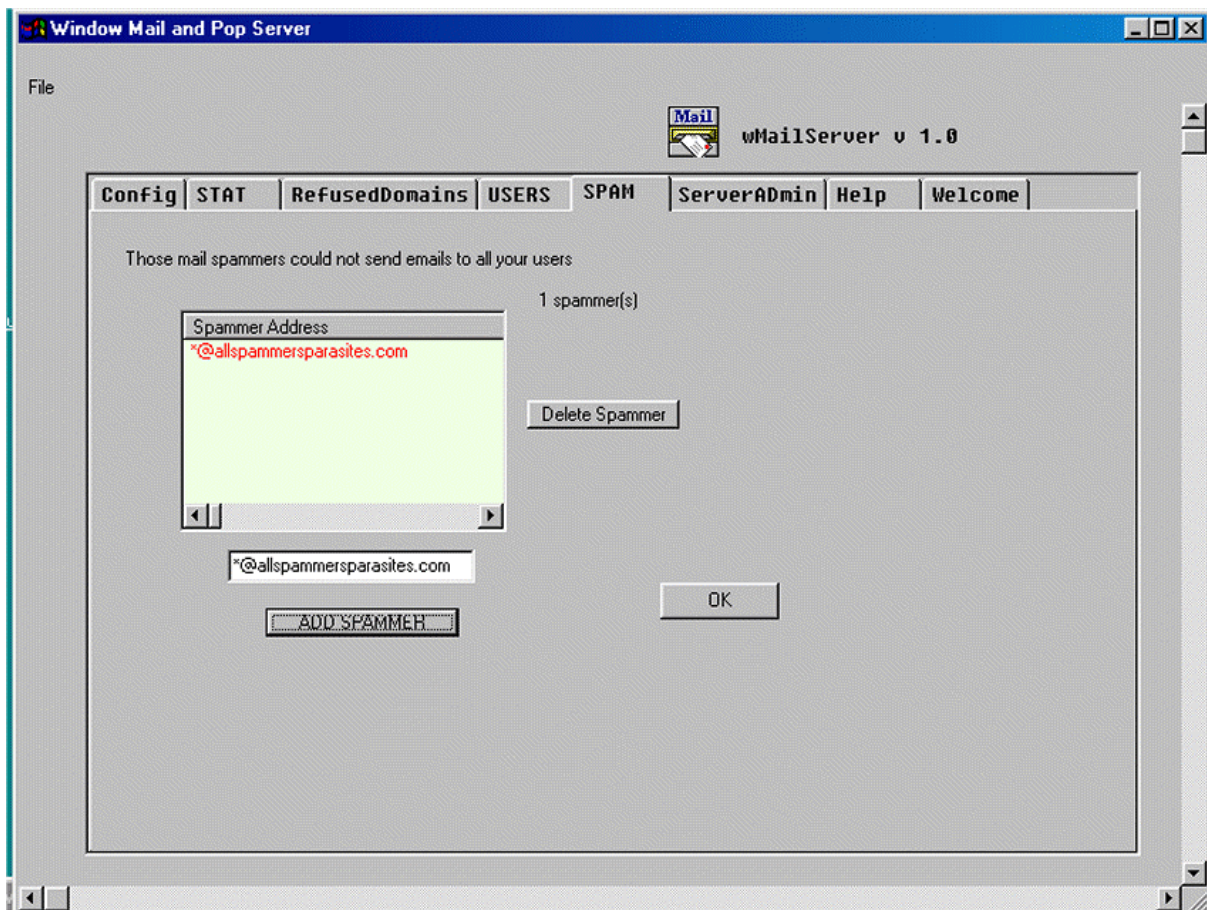
A Spam is an email that comes from some one who do advertising without the agreement of the receiver (email user). To protect the user email box, the wMailServer can discard email coming from spam and internet parasites. An anti-spam system could be more important than an anti-virus.

User can refuse some emails sent by an other user. Example user John.first@darsite.com refuses emails coming from spammer@parasitespammer.com. He can also refuse all email sent by all the users of the domain parasites.com (*@parasites.com) : (see the next figure)



Global Anti-Spam System :

The wMailServer global Anti-Spam system discards all emails sent by some spam-user to one or several users. We can for example discard all emails coming from all allspammersparasites.com (*@allspammersparasites.com) . See the figure below !



III. Reading emails from the server : (POP agent configuration via outlook, Eudora or others.)

The email user can fetch and read his emails from the wmailserver machine. Many email readers exists in the market. We cite outlook, eudora, etc.

To allow user reading his emails from the server, the wMailServer admin (you) must give a user-name (ex: me@darsite.com) and affects password to the user. The user then can use outlook email agent or other email reader to fetch and read all emails sent to him. User then must do some configurations in the email agent (user-name and password).

The SmtP server is the smtp name server of your internet provider (example, skynet, aol, telia, wanadoo, noos, mci,...)

Here a little example :

SmtP server = smtp.telia.com

Pop server : pop.darsite.com (the pop name server of the machine where the wmailserver is installer) :

pop.darsite.com

User : john.first@darsite.com

Password = jimmy23901

Note : The user must not be only john.first . the domain name of the user must be specified

IV. REMOTE MANAGEMENT :

The wMailServer can be remotely managed by the wmailserver administrator (wmailserver#admin). To manage the wMailServer, connect by telnet to the mail smtp server name (port 25), send the password and then send the commands you need. Command list can help you to add, delete, show users.

Command List :

HELP : This help"

ADDUSER <username> : add an email user

LISTUSERS : lists all email users

UPDATEUSER <username> <password> : update the password of the user

STATUSERS : show email addresses number

ADDSPAMFORUSER <username> <spam address>

ADDGLOBALSPAM <spam address>

DEACTIVATEUSER <username> : user become not active : he could not receive and fetch emails

ACTIVATEUSER <username>

RESTARTSERVER : restart the mail and the pop server

ADDREFUSEDDOMAIN <domainname> : the smtp client for this domain is not allowed to connect

LISTGLOBALSPAM : lists all spam addresses that could not send email to all users

LISTREFUSEDDOMAINS : lists all refused domains

DELETEUSER <username> : deletes a user

LISTUSERALIASES <username> : lists all aliases attached to this user

ADDUSERALIAS <username> <alias> : add an alias to the user

QUIT : quit the admin

Remote Management Senario Example :

[nabil@web nabil]\$ telnet mail.mywmailserver.org 25
Trying 217.128.252.28...
Connected to mail.mywmailserver.org.
Escape character is '^'.
220 mywmailserver.org Service ready
wmailserver#admin jkm034

***** Welcome Admin wmailserver *****

\$ COMMAND : help
HELP : This help
ADDUSER <username> : add an email user
LISTUSERS : lists all email users
UPDATEUSER <username> <password> : update the password of the user
STATUSERS : show email addresses number
ADDSPAMFORUSER <username> <spam address>
ADDGLOBALSPAM <spam address>
DEACTIVATEUSER <username>
ACTIVATEUSER <username>
RESTARTSERVER : restart the mail and the pop server
ADDREFUSEDDOMAIN <domainname> : the smtp client for this domain is not
allowed to connect
LISTGLOBALSPAM : lists all spam addresses that could not send email to all
users
LISTREFUSEDDOMAINS : lists all refused domains
DELETEUSER <username> : deletes a user
LISTUSERALIASES <username> : lists all aliases attached to this user
ADDUSERALIAS <username> <alias> : add an alias to the user
QUIT : quit the admin

\$ COMMAND : listusers

---- LIST OF USERS ----

test@mywmailserver.org PASS=KLKL0090

END LIST

\$ COMMAND : adduser caty.johns@carazimo.net

501 Syntax error in parameters or arguments

\$ COMMAND : adduser caty.johns@carazimo.net habni89101

355 User Added

\$ COMMAND : listusers

---- LIST OF USERS ----

test@mywmailserver.org PASS=KLKL0090

caty.johns@carazimo.net PASS=habni89101

END LIST

\$ COMMAND : statusers

Email users : 2 users

\$ COMMAND : listrefuseddomains

--- Refused domains list ----

End List

\$ COMMAND : addrefuseddomains stupidspammers.net

500 Syntax error, command unrecognized

\$ COMMAND : addrefuseddomain stupidspam.net

-

OK

\$ COMMAND : listrefuseddomain

500 Syntax error, command unrecognized

\$ COMMAND : listrefuseddomains

--- Refused domains list ----

stupidspam.net

End List

\$ COMMAND : addspamforuser caty.johns@carazimo.net

jeanne@stupidspammer.net

-

OK

\$ COMMAND : deactivateuser caty.johns@carazimo.net

-

OK

\$ COMMAND : listusers

---- LIST OF USERS ---

test@mywmailserver.org PASS=KLKL0090

caty.johns@carazimo.net PASS=habni89101 Not ACTIVE

END LIST

\$ COMMAND : listglobalspam

--- Global Spam list ----

sdfsdfshns@carazimo.net

End List

\$ COMMAND : addglobalspam stupidmarketing.com

-

OK

\$ COMMAND : *listglobalspam*

--- Global Spam list ----

sdfsdfsarketing.com

stupidmarketing.com

End List