



Flexible. Reliable. Scalable



A Reliable one-stop
Messaging Platform

Emergic MailServ Software Installation Manual

Netcore Solutions

Installation Manual

- ▶ A dedicated machine is required for server installation
- ▶ All data on hard disk will be erased. Please backup all the data on hard disk, if any, before proceeding with installation

Minimum Hardware Requirements for Server machine

- Pentium Class 1 Ghz.
- 256 MB RAM.
- 40 GB Hard Disk.
- CD-ROM Drive.
- 10/100 Mbps Network Card.
- Internet Connectivity.

Fundamentals

Before you start using the 'MailServ' software, you need to know the following to configure MailServ

1. What type of Internet Connectivity do you have ?

A. Dial-Up Connectivity Here you use the telephone line to connect to internet by dialing through a modem to the ISP like VSNL, MTNL, sify etc. The protocol used is ppp.

Important Parameters for this kind of connectivity are

1. Telephone numbers where you have to dial to.
2. The username, password for authentication.

B. ADSL In this type of connectivity, you have a shared connectivity along with your neighbours in the building. This is similar to dialup, except for you donot need a modem. The software dials and connects to the service provider through the ethernet card. The protocol used is pppoe.

Important parameters for this kind of connectivity are

1. Service Name and/or AC Name provided by the ISP.
2. The username and password for authentication.

C. Leased Line / Cable In this type of connectivity, you need to know the gateway IP.

2. What is your Global Domain and Local Domain ?

Global Domain :

This is the mailing domain name based on which the email ids for your employee would be created. This is usually related to your company name and same as your website domain. For e.g. : For Netcore Solutions the domain is netcore.co.in, which is The global domain for the mail server setup.

Local Domain :

This is another mandatory parameter and is based on the the location of your office.

This parameter identifies the email ids based on the locations. Say you are based in Mumbai then your local domain can be mumbai.netcore.co.in. If you have multiple offices in same city then you can have local domain based on the suburbs name or the office Name (e.g. salesoffice.netcore.co.in or lowerparel.netcore.co.in)

Please note that its not necessary that the local domain should have a valid A record.

The email address is based on the global domain. The local domain is used by the server internally and is transparent to end users.

Format: employeename@companyname.com Example: support@netcore.co.in

Note: *If you are using more than one domain for mailing, please configure your primary domain or the domain with most users as your global domain. The other Domains can be added while doing the Multi Domain Configuration (refer point 1.5)*

3. What type of mail hosting setup do you use ?

1. You may have few POP/IMAP accounts hosted on some mail host provider like netcore, net4india etc.
2. You may just have mail storage and forwarding mechanism like UCP Setup provided by netcore.
3. You may have both the above types of setup.
4. Keep the list of local users and Internet POP/IMAP accounts with respective passwords ready, they would prove handy, once you Start the setup.

Please note down the following information to make the installation process easy.

1. IP Address for the Server :
2. Netmask Address :
3. Domain Names -
Global Domain (e.g. netcore.co.in) :
Local Domain Name (e.g. mumbai.netcore.co.in):
4. Netcore's Internet Mailing Services -
Are your mails hosted with Netcore ? : Yes / No
If Yes for the above -
UUCP login Name :
UUCP Password :
5. Integration with any other messaging system on LAN -
Integrate with MS Exchange / Lotus Notes / Other : Yes / No
If Yes for above -
IP of the Other server
6. Email Id of the Administrator

STEP - I

CD Bootup Setup

- Change the boot-up sequence in BIOS setup to make the System Boot via CDROM. You can get the CMOS setup screen by either pressing the "Delete" key or "F2" key, while the system is starting. (Once the machine is switched on, during memory count, one can see the message at bottom of screen Showing how to enter the Setup program.)
- Once inside setup program, one can change boot sequence by going to Advance Setup First Boot device. Change it to 'CDROM'

Note: *The above steps work on most of the computers, but may differ if the BIOS on your system has some different configuration steps. Please check your hardware manual to ascertain the right steps.*

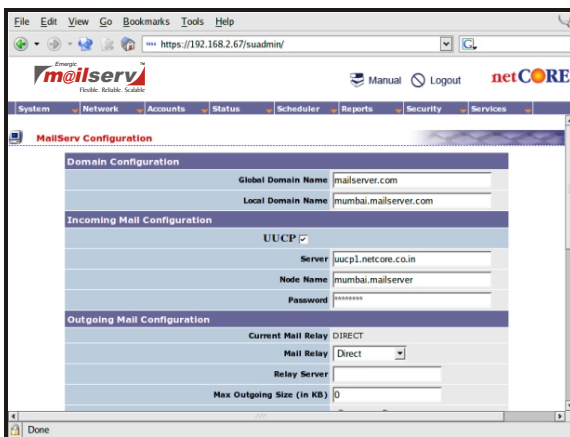
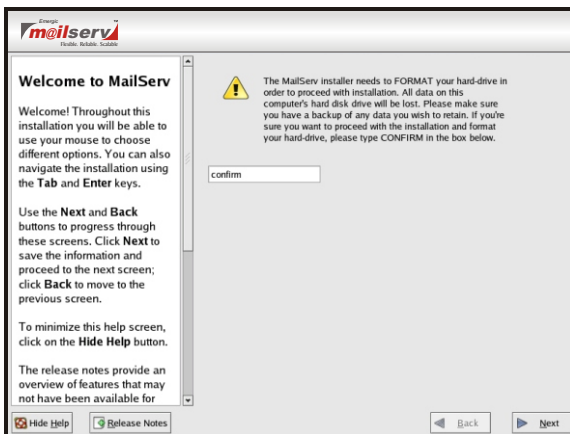
STEP II

Software Installation

Insert the CD labeled Mailserv4 in the CDROM drive.

- Restart the machine, it will boot through the CD and you will be presented with **Mailserv Installation** screen. Here you can choose the mode of Installation, i.e. Graphic(GUI) or text mode. Press 'Enter' to start Graphics Installation, or type 'Linux text' for text mode installation. Similarly, you can also type 'mpart' or 'mparttext' which allows you to manually partition the hard disk and configure the boot loader. You may also use function keys to perform Rescue operation or Check out the readable contents like Main, General etc.

- On choosing the Linux text or GUI Installation, you would see a confirmation message on the screen notifying you that all the contents of the hard disk would be erased. Please read this carefully, type confirm and click the Next button to Start installation. The system's hardware would be detected automatically

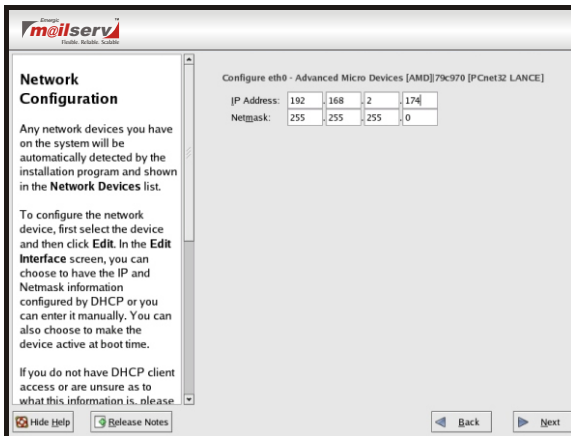


- The installer would now ask for an IP Address and Netmask for each of the Ethernet cards in the machine.

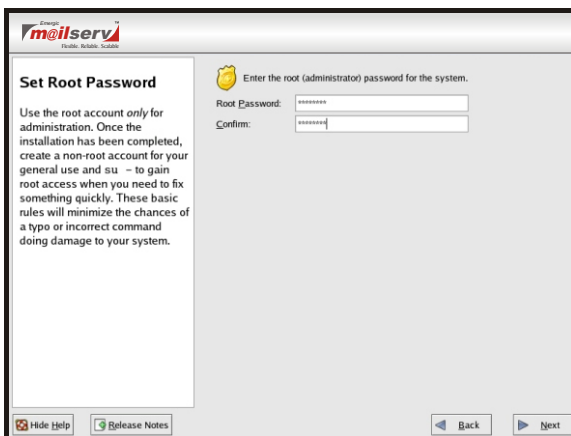
For **eth0**, assign an IP and Netmask for the server in consistence to ip addressing scheme followed in your organization (e.g. 192.168.0.1 255.255.255.0).

For eth1 (in case, there is another LAN card), assign an IP and Netmask for the server as provided by your ISP (e.g. for adsl, 172.0.0.1 255.255.0.0, for Cable/leased-line 202.88.12.1 255.255.0.0)

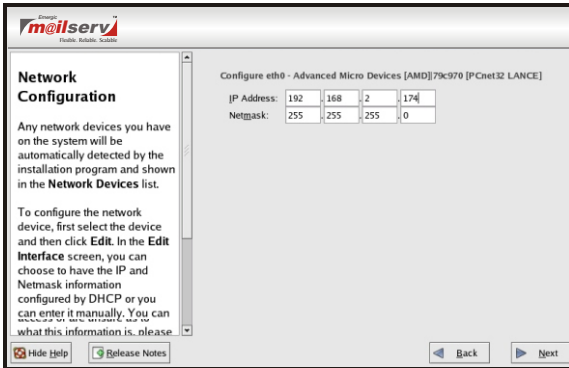
Note: If you are using DHCP in your network then you need to exclude the IP address from DHCP configuration before assigning it to Mailserv. The Mailserv software requires a static IP address to be assigned to it.



- After the IP you would be prompted for password to be given for user root (Administrator). Ideally include numbers and special characters to make the password difficult to crack. This password is very important for the server's security (as well as your LAN's security, in case the server is acting as a gateway). Please note down the Password as this would be required for Further configuration.



- The installer will format the hard disk and then start installing various packages required by MailServ.
- After the installation is complete, you would get a 'Congratulations' Sreen with a 'Reboot' button at the bottom right. Remove the installation CD and click on this 'Reboot' button to restart the system.



- The system would boot from the hard disk this time. While booting you would be able to see the messages about various services getting started. After booting is complete, you would see a shell prompt asking you to login to the server.

QUICK START GUIDE

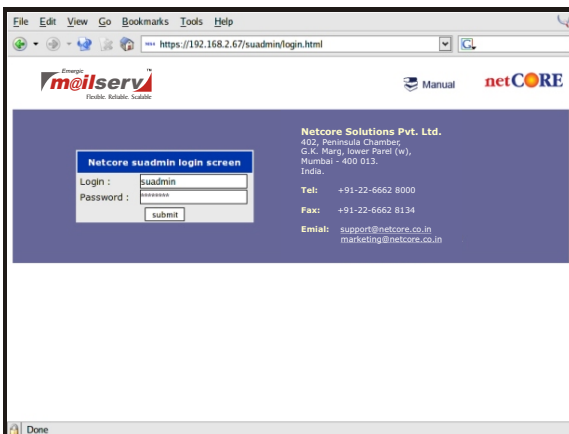
Accessing Administrative Frontend

- Once the machine reboots you can access the administrative front end. Further configuration can be done from a Windows (95/98/win2K/XP/NT) machine or Linux machine in your LAN by using any browser such as Netscape, Mozilla, Internet Explorer etc and accessing the following URL

http://IP address of server/suadmin

E.g. Http://192.168.2.1/suadmin

Login as user 'suadmin' (The default password is same as root's password given during installation)





1.Initial Configuration

Go to the System->Configure System screen and set the following parameters

1.1 Set Global and Local Domain

Set the Global Domain and Local Domain for the server. Use the Global Domain, registered on the Internet by your organization.

e.g. Global Domain : netcore.co.in
 Local Domain : ho.netcore.co.in

1.2 Incoming Mail Configuration (UUCP)

If you have hosted your mails on the Internet with Netcore, use this screen to do the incoming mail configuration.

You would need a login to connect and transact your mails. Use the Login and Password provided by Netcore Solutions to complete the Incoming Mail Setup. If you are going to fetch all your mails from some other server then you uncheck the UUCP check box on the screen and refer point 3 Of this manual.

1.3 Outgoing Mail Configuration

Current Mail Relay This shows a value if you have set it earlier.

Mail Relay If you are using Netcore servers for outgoing mails, please select 'UUCP' from the dropdown. If you want to send mails directly to the Internet then select 'DIRECT'. If you are relaying your mails through some other SMTP server please select 'SMTP Relay'. Relay Server If you have chosen 'SMTP Relay' , give the IP / hostname of the server.

Max Outgoing Size (in KB) If you want to restrict the outgoing mail size on this server set this to the required value (in KB). While, if you do not want any Size restriction on outgoing mails keep this field Blank.

SMTP Authentication If you want to authenticate users when they are sending Mail out Enable this option. This option is Disabled by Default.

1.4 Integration with other Messaging System.

If this mail server is going to interact with other mail servers like Lotus Notes or Exchange, CC Mail in your organization, then set Mail Relay to SMTP Relay, and input the IP of the relay server.

1.5 Multi-Domain Configuration

If you have more than one mailing domains, please Enable the Multidomain option by clicking on it. Now, you need to enter the following information.
MailServ Local Domains These are the domains for which the mails are to be delivered on the local mail server. **Domains for Outgoing Mails** These are the domains for which the users / emailids mails would be allowed to be send mails. By default only the users / email ids of primary Global and Local domains are allowed to send mails out to avoid misuse of the server.

2. Set Administrator's Email Id

Use the System->Administrator->Change Email screen to set the email id of the administrator who managing this location.

Note: *The various notifications and alerts for features like watchdog, email restrictions, content filtering will be sent to this email id.*

3. Fetching Mails from External Server (POP or IMAP)

For fetching mails from Mail Servers other than Netcore's, you have to configure the External Mail Fetcher. In case of a catchall or multi drop-in account, use the Network->Email Setup->External Mail Fetcher screen. While for an individual POP/IMAP account use Users->Manage Users-> External Mail Fetcher screen.

4. License

For license you have to get in touch with our marketing team, through email (marketing@netcore.co.in) and request for a license. You would get the license through email, save it on your PC and use the System->License->Upload screen in the administrative front end to upload the license.

Note: *Make sure you get the license for the Global and Local Domain which you have set During Mail Configuration.*

5. Network Setup

5.1 LAN Connectivity

Once you have given a proper IP and Netmask during installation, the server should be in the LAN. Ping some other machine on LAN (preferably gateway) to check LAN connectivity.

5.2 Internet Connectivity

Dial Up In this case, you would have to first configure an external modem using the links under "Network->Modem". Then, put in the ISP details using the links under "Network->ISP".

ADSL In this case, you would have to configure this connection using links under "Network->ADSL".

Leased Line / Cable In this case, you would have to give the gateway IP using the screen at "Network->Internet Connectivity->Lease/Cable".

***Note:** After configuring the Internet connectivity change to the required mode of connectivity by using the relevant link at Network->Internet Connectivity.*

6. Accounts Setup

6.1 Add Users To add users you can go to the Accounts->Users->Quick Add screen and follow the instructions at the bottom of the screen to add the users with minimum details. Once you add the users their mailboxes would get created on the server. Also, the same use names would be used for using proxy server, IM server etc.

6.2 Manage Users To take some action regarding a user go to Accounts->Users->Manage screen.

Here you can view of all existing the users or users in a selected group.

Also, it allows you to take various actions like

1. Send mail to a user.
2. Delete a user or a set of selected users.
3. Modify a user's profile, password.
4. Setup email forwarding, vacation response.
5. setup external mail fetcher for a user.

Terminology

LAN - Your local network. Typically a number of computers who are able to connect to each other.

ISP - Internet Service Provider. This company provides you the service using which you can connect to internet.

Ppp - Point to point protocol.

DSL - Digital Subscriber Line.

ADSL - Asymmetric DSL.

AC Name - Access Concentrator Name, provided by the DSL/ADSL provider.

POP - Mailing Protocol to fetch mails from an email server and view them using an email client.

IMAP - Mailing Protocol to fetch mails from an email server and view them using an email client.

SMTP - Mailing Protocol to send mails

UUCP - Protocol to transfer files or mails from one Unix/Linux based server to another.

Mumbai	New Delhi	Chennai	Bangalore	Hyderabad	Pune
9820032324	9350101237	9380388685	9341609111	9392224001	9373727934

netCORE

Netcore Solutions Pvt. Ltd.

402, Peninsula Chambers, Peninsula Corporate, G.K.Marg, Lower Parel (W), Mumbai - 400 013, INDIA.
Tel.: 91-22-6662 8000 • Fax: 91-22-6662 8134 • Web: www.netcore.co.in • E-mail: cleanmail@netcore.co.in