

SMTP 入门

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Centos5 安装 dovecot



Dovecot 安装 (centos 5.x 系统)

1. Dovecot 软件包安装

```
$> yum install -y dovecot
```

2. Dovecot 配置

```
$> vi /etc/dovecot.conf#protocols = imap imaps pop3 pop3s
# 配置 Dovecot 服务
Ef) protocols = imap pop3
listen = * *
```

3. 启动 Dovecot 服务并查看状态

```
[root@localhost /]# chkconfig dovecot on
[root@localhost /]# /etc/init.d/dovecot start
[root@localhost /]# netstat -antp
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address Foreign Address State PID/Program name
tcp 0 0 0.0.0.0:110 0.0.0.0:* LISTEN 2102/dovecot
tcp 0 0 0.0.0.0:143 0.0.0.0:* LISTEN 2102/dovecot
```

4. 测试 Dovecot 服务 (pop3)

```
$> telnet localhost 110
user test
pass 123456
list (13 messages)
+OK 13 messages:
1 5081
retr 1 (5081 octets)
+OK 5081 octets
```

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- ```
$> vi /etc/dovecot/dovecot.conf
#protocols = imap pop3 lmtp 空 空 空 空 空 空 空 Ef) protocols = imap pop3
#listen = *, :: 空 listen = * 空 空
```

- ```
$> vi /etc/dovecot/conf.d/10-mail.conf
```
- ```
mail_location = mbox:~/mail:INBOX=/var/spool/mail/%u:INDEX=MEMORY
```

- ```
$> vi /etc/dovecot/conf.d/10-ssl.conf
#ssl = yes ☐    ssl = no ☐ ☐
```

- ```
$> vi /etc/dovecot/conf.d/10-auth.conf
#disable_plaintext_auth = yes [] [][] disable_plaintext_auth = no [] []
```

# Centos6 安装 postfix

Centos6 安装 SMTP 发送邮件 postfix 教程

## 1. Sendmail 卸载

```
$> yum erase sendmail -y
```

## 2. Postfix 安装

```
$> yum install postfix -y
```

## 3. Postfix 配置

```
vi /etc/postfix/main.cf
```

```
mydomain = localhost (域名 本地)
mynetworks_style = host (网络 本地)
mynetworks = 127.0.0.1, 192.168.0/24 (网络 本地)
smtpd_sasl_auth_enable = yes (认证 本地)
inet_interfaces = $myhostname (open relay 本地 , 本地 本地 本地)
postfix,postfix 本地
```

```
$> vi /usr/lib/sasl2/smtpd.conf
pwcheck_method: saslauthd
chkconfig postfix on
chkconfig saslauthd on
/etc/init.d/postfix start
/etc/init.d/saslauthd start
```

## 4. 故障排除

### 1. 检查配置

1. postfix 本地 本地 : /var/spool/postfix
2. incoming : 本地 本地

3. active : 0 0 0 0

4. deferred : 0 0 0 0

5. corrupt : 0 0 0

2. 0 0

1. 0 0 0 sendmail 0 000 /var/log/maillog 0 0

2. 0 000 /var/spool/mail/000

3. Queue 0

```
[root@localhost /]# mailq -> Queue 0 0 0
[root@localhost /]# postfix flush -> Queue 0 0
[root@localhost /]# postsuper -d ALL deferred -> Queue 0 0 Deferred(00000) 0
0
```

1. 0 00 0

```
$> vi /etc/postfix/main.cf
virtual_alias_domain = test.com example.com (000 000 0)
```

2. Alias 0

```
$> vi /etc/postfix/main.cf
virtual_alias_maps = hash:/etc/postfix/virtual
```

```
$> vi /etc/postfix/virtual
postmaster@example.com postmaster
info@example.com joe
sales@example.com jane
(000) (000)
```

3. 0

```
[root@localhost /]# postmap /etc/postfix/virtual
```

# clamd[ ] / Sendmail



## clamav [ ]

1. Sendmail[ ] [ ] [ ] [ ]

```
$> yum install -y sendmail-devel
```

1. clam[ ] [ ] - <http://sourceforge.net/projects/clamav/files/clamav/0.97.8/clamav-0.97.8.tar.gz>

2. [ ] [ ] & [ ]

```
$> tar -zxvf clamav-0.97.8.tar.gz
$> useradd -s /bin/false clamav
$> cd clamav-0.97.8
$> ./configure --prefix=/usr/ --sysconfdir=/etc/ --enable-milter
$> make;make install
```

3. [ ] [ ] - Freshclam ([ ] [ ] )

```
$> $ vi /etc/freshclam.conf
#Example
...
UpdateLogFile /var/log/clamav/freshclam.log
LogTime yes
DatabaseMirror database.clamav.net
NotifyClamd /etc/clamd.conf
SubmitDetectionStats /etc/clamd.conf
...
```

4. [ ] [ ] - Clamd (Clamav[ ] )

```
$> vi /etc/clamd.conf
LogFile /var/log/clamav/clamd.log
LogTime yes
LogSyslog yes
PidFile /var/run/clamav/clamd.pid
LocalSocket /var/run/clamav/clamd.sock
FixStaleSocket yes
TCPSocket 3310
TCPAddr 127.0.0.1
StreamMaxLength 100M
User clamav
PhishingSignatures yes
PhishingScanURLs yes
MaxFileSize 30M
```

#### 5. `clamav-milter` - Milter(SMTP `filter`)

```
$> vi /etc/clamav-milter.conf
MilterSocket /var/run/clamav/clamav-milter.sock
MilterSocketMode 666
FixStaleSocket yes
User clamav
PidFile /var/run/clamav/clamav-milter.pid
ClamdSocket unix:/var/run/clamav/clamd.sock
OnClean Accept
OnInfected Quarantine
OnFail Defer
LogFile /var/log/clamav/clamav-milter.log
LogTime yes
```

#### 6. `clamav` `install` `scripts` `install`

```
$> mkdir /usr/share/clamav
$> cd /var/log
$> mkdir clamav
$> cd clamav
$> touch clamav-milter.log
$> touch clamd.log
$> touch freshclam.log
$> cd /var/run
```

```
$> mkdir clamav
$> chown -R clamav:clamav /var/log/clamav
$> chown -R clamav:clamav /var/run/clamav
$> chown -R clamav:clamav /usr/share/clamav
```

7. `clamav` 启动 & `clamav-milter` 启动

```
$> freshclam
$> /usr/sbin/clamav-milter
```

8. 检查 `clamd` 和 `clamav-milter` 是否运行

```
$> ps -ef | grep clam
clamav 4242 1 0 15:37 ? 00:00:00 clamd
clamav 4251 1 0 15:37 ? 00:00:00 clamav-milter
```

## Sendmail配置

1. `/etc/mail/sendmail.mc` 文件 编辑

```
$> vi /etc/mail/sendmail.mc
...
INPUT_MAIL_FILTER(`clamav`, `S=local:/var/run/clamav/clamav-milter.sock, F=, T=S:4m;R:4m`)
define(`confINPUT_MAIL_FILTERS`, `clamav`)
...
*clamav 启动 clamav-milter 启动
```

2. `sendmail` 配置 `freshclam` 启动 检查 是否 成功 .

```
$> chkconfig sendmail off
```

3. 检查 `clamav` 是否 运行 `freshclam` 是否 运行 `clamav-milter` 是否 运行 (配置文件 `/etc/mail/sendmail.mc` 中 配置)

```
$> freshclam -d
```

4. `/etc/rc.local` 文件 编辑

```
$> vi /etc/rc.local
/usr/sbin/clamd /usr/sbin/clamav-milter freshclam -d
$> /etc/init.d/sendmail start
```





# Dovecot Trouble Shooting

## 1. imap, pop3 開通 設定

```
$> vi /etc/dovecot.conf
protocol imap {
listen = *:143 143
}
protocol pop3 {
listen = *:110 110
}
```

## 2. 設定確認 再起動 設定確認 再起動 設定確認

```
$> $ vi /etc/dovecot.conf
mail_location = mbox:/var/empty:INBOX=/var/spool/mail/%u:INDEX=MEMORY
$ /etc/init.d/dovecot restart
$ useradd -M -s /bin/false user
```

## 3. imap 設定 10-auth.conf 10-master.conf , Plaintext 設定 10-ssl.conf (10-ssl.conf 10-ssl.conf dovecot 10-ssl.conf 10-ssl.conf )

```
$> vi /etc/dovecot.conf
#disable_plaintext_auth = no
```

## 4. Centos 6.x 10-ssl.conf config 10-ssl.conf

1. 10-ssl.conf : /etc/dovecot/dovecot.conf

2. 10-ssl.conf dovecot /etc/dovecot/conf.d/ 10-ssl.conf 10-ssl.conf 10-ssl.conf

1. 10-ssl.conf : 10-master.conf

2. Pop3 10-ssl.conf : 10-ssl.conf

3. disable\_plaintext\_auth : 10-auth.conf

4. 10-ssl.conf 10-ssl.conf : 10-mail.conf

# procmailrc



1. 安装 procmail

```
$> yum install procmail -y
```

2. 创建 procmail 用户和组

```
$> useradd spam-admin
```

3. 创建 procmail 日志文件

```
$> touch /var/log/procmail
```

4. /etc/procmailrc 文件配置 (编辑)

```
$> vi /etc/procmailrc

#####

设置 procmail 的默认配置

#Log file path
LOGFILE=/var/log/procmail

VERBOSE=no

System Path
PATH=/usr/bin:/usr/local/bin:/bin
SHELL=/bin/sh

Spam mail Blocking & Forward
:0
* ? formail -x"From" -x"From:" -x"Sender:" \
 -x"Reply-To:" -x"Return-Path:" -x"To:"
```

```
/var/spool/mail/spam-admin
```

## # Based on spam lists

**:0**

\* ^Subject:

.\*[sS][eE][xX].\*[Pp][Oo][rR][Nn].\*[Vv][lI][aA][gG][rR][aA].\*[Dd][rR][uU][gG].\*[pP][eE][nN][lI][sS]].\*  
mM][oO][rR][tT][aA][gG][eE].my new photo

```
/var/spool/mail/spam-admin
```

:0

\* ^Subject: .\*. |.\* |.\* |.\* |.\* |.\* |.\* |.\* |.\* |.\* |.\* |.\* |.\* |.\*  
|. |.\* |.\* |.\*

```
/var/spool/mail/spam-admin
```

$$:0$$

\* ^Subject: .\*(\{\} |\[ \] |\< \> | - | \| | \. |

|=B1=A4=B0=ED|saSw7Q==?=|W7GksO1d|=BC=BA=C0=CE=B1=A4=B0=ED)

```
/var/spool/mail/spam-admin
```

:0

```
* ^Subject: .*(\d+ |\d+ \. \d+ |\d+ |\d+ |\d+ |\d+ X|\d+ |\d+ |\d+ |\d+ |\d+ |\d+ |
\d+ \. \d+ |\d+ |\d+ |\d+ |\d+ |\d+ |\d+ |skylife)
```

```
/var/spool/mail/spam-admin
```

$$:0$$

\* ^Subject:.(Re:.)\*(Thank you!|Your details|Details|My details|Approved|Your application|Wicked screensaver|That movie)

```
/var/spool/mail/spam-admin
```

# sendmail

|                                         |                                                                                                                                        |
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| <div><div>Size</div></div>              | <div><div></div><div></div><div></div><div></div><div></div></div>                                                                     |
| <div><div>Clas</div><div>s</div></div>  | <div><div></div><div></div><div></div><div>(</div><div></div><div></div><div></div><div></div><div></div><div></div><div>)</div></div> |
| <div><div>Pri</div></div>               | <div><div></div><div></div><div></div><div></div><div></div><div></div></div>                                                          |
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| Proto | <div>□□</div> <div>□</div> <div>□□</div> <div>□</div> <div>□□</div> <div>□□</div> <div>(ES</div> <div>MTP</div> <div>/</div> <div>UUC</div> <div>P)</div> |
| Relay | <div>□□</div> <div>□□</div> <div>□□</div> <div>□</div> <div>□□</div> <div>□□</div>                                                                        |
| to    | <div>□□</div> <div>□</div> <div>□□</div> <div>□</div>                                                                                                     |
| Delay | <div>□□</div> <div>□□</div> <div>□□</div> <div>□□</div> <div>□□</div> <div>□□</div>                                                                       |

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| Mailer  | <div></div> <div></div> <div></div> <div></div> <div></div>                                                               |
| Stat    | <div></div> <div></div>                                                                                                   |
| Ctladdr | <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>                                       |
| Dsn     | <div></div> <div></div> <div></div>                                                                                       |

Feb 6 14:16:43 mail sendmail[15064]:k165Gg315062: to=**1)test@test.co.kr**,ctladdr=**2)test@test123.co.kr**(570/100), **3)Delay=00:00:00**, **4)xdelay=00:00:00**,**5)mailer=esmtplib**,pri=104969, **6)relay=test.co.kr[1.2.3.4]**,dsn=2.0.0,**7)stat=Sent(Message accepted for delivery)**

- test@test.co.kr
- test@test123.co.kr
- 0 ,
- 0

- Mailier esmtplib

- test test test test test.co.kr

- test test test test test



# sendmail Trouble Shooting

---

Hosts ( sendmail )

```
$> vi /etc/hosts
IP
Ef) 1.2.3.4 test.co.kr test.co.kr
```