搭建邮件服务

## **Postfix安装**

安装Postfix以配置SMTP服务器

[root@linuxprobe ~]# yum -y install postfix

[root@linuxprobe ~]# vi /etc/postfix/main.cf

# line 75: uncomment and specify hostname

myhostname = linuxprobe.srv.world

# line 83: uncomment and specify domain name

mydomain = srv.world

# line 99: uncomment

myorigin = $mydomain

# line 116: change

inet\_interfaces = all

# line 164: add

mydestination = $myhostname, localhost.$mydomain, localhost, $mydomain

# line 264: uncomment and specify your local network

mynetworks = 127.0.0.0/8, 10.0.0.0/24

# line 419: uncomment (use mailboxdir)

home\_mailbox = mailbox/

# line 574: add

smtpd\_banner = $myhostname ESMTP

# add follows to the end

# limit an email size for 10M

message\_size\_limit = 10485760

# limit a mailbox for 1G

mailbox\_size\_limit = 1073741824

# for SMTP-Auth

smtpd\_sasl\_type = dovecot

smtpd\_sasl\_path = private/auth

smtpd\_sasl\_auth\_enable = yes

smtpd\_sasl\_security\_options = noanonymous

smtpd\_sasl\_local\_domain = $myhostname

smtpd\_recipient\_restrictions = permit\_mynetworks,permit\_auth\_destination,permit\_sasl\_authenticated,reject

[root@linuxprobe ~]# systemctl restart postfix

[root@linuxprobe ~]# systemctl enable postfix

[root@dlp ~]# firewall-cmd --add-service=smtp --permanent

success

[root@dlp ~]# firewall-cmd --reload

success

## **Dovecot 安装**

安装Dovecot以配置POP / IMAP服务器

* 安装Dovecot以配置POP / IMAP服务器

[root@linuxprobe ~]# yum -y install dovecot

[root@linuxprobe ~]# vi /etc/dovecot/dovecot.conf

# line 24: uncomment

protocols = imap pop3 lmtp

# line 30: uncomment and change ( if not use IPv6 )

listen = \*

[root@linuxprobe ~]# vi /etc/dovecot/conf.d/10-auth.conf

# line 10: uncomment and change ( allow plain text auth )

disable\_plaintext\_auth = no

# line 100: add

auth\_mechanisms = plain login

[root@linuxprobe ~]# vi /etc/dovecot/conf.d/10-mail.conf

# line 30: uncomment and add

mail\_location = maildir:~/Maildir

[root@linuxprobe ~]# vi /etc/dovecot/conf.d/10-master.conf

# line 96-98: uncomment and add like follows

# Postfix smtp-auth

unix\_listener /var/spool/postfix/private/auth {

mode = 0666

user = postfix

group = postfix

}

[root@linuxprobe ~]# vi /etc/dovecot/conf.d/10-ssl.conf

# line 8: change (not require SSL)

ssl = no

[root@linuxprobe ~]# systemctl start dovecot

[root@linuxprobe ~]# systemctl enable dovecot

[root@vdevops ~]# firewall-cmd --add-port={110/tcp,143/tcp} --permanent

success

[root@vdevops ~]# firewall-cmd --reload

success

## **SSL设置**

* 配置SSL以加密连接
* # add to the end
* smtpd\_use\_tls = yes
* smtpd\_tls\_cert\_file = /etc/pki/tls/certs/server.crt
* smtpd\_tls\_key\_file = /etc/pki/tls/certs/server.key
* smtpd\_tls\_session\_cache\_database = btree:/etc/postfix/smtpd\_scache
* [root@linuxprobe ~]# vi /etc/postfix/master.cf
* # line 26-28: uncomment
* smtps inet n - n - - smtpd
* -o syslog\_name=postfix/smtps
* -o smtpd\_tls\_wrappermode=yes
* [root@linuxprobe ~]# vi /etc/dovecot/conf.d/10-ssl.conf
* # line 8: change
* ssl = yes
* # line 14,15: specify certificates
* ssl\_cert = </etc/pki/tls/certs/server.crt
* ssl\_key = </etc/pki/tls/certs/server.key
* [root@linuxprobe ~]# systemctl restart postfix dovecot
* [root@vdevops ~]# firewall-cmd --add-service={pop3s,imaps} --permanent
* success
* [root@vdevops ~]# firewall-cmd --add-port=465/tcp --permanent
* success
* [root@vdevops ~]# firewall-cmd --reload
* success

## **邮件日志报告：pflogsumm**

* 安装pflogsumm这是Postfix日志报告工具

[root@linuxprobe ~]# yum -y install postfix-perl-scripts

# generate log summary for yesterday

[root@linuxprobe ~]# perl /usr/sbin/pflogsumm -d yesterday /var/log/maillog

Postfix log summaries for Jul 14

Grand Totals

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messages

2 received

5 delivered

0 forwarded

0 deferred

0 bounced

0 rejected (0%)

0 reject warnings

0 held

0 discarded (0%)

2879 bytes received

6572 bytes delivered

1 senders

1 sending hosts/domains

2 recipients

2 recipient hosts/domains

Per-Hour Traffic Summary

------------------------

time received delivered deferred bounced rejected

--------------------------------------------------------------------

0000-0100 0 0 0 0 0

0100-0200 0 0 0 0 0

0200-0300 0 0 0 0 0

0300-0400 0 0 0 0 0

0400-0500 0 0 0 0 0

0500-0600 0 0 0 0 0

0600-0700 0 0 0 0 0

0700-0800 0 0 0 0 0

0800-0900 0 0 0 0 0

0900-1000 0 0 0 0 0

1000-1100 2 5 0 0 0

1100-1200 0 0 0 0 0

1200-1300 0 0 0 0 0

1300-1400 0 0 0 0 0

1400-1500 0 0 0 0 0

1500-1600 0 0 0 0 0

1600-1700 0 0 0 0 0

1700-1800 0 0 0 0 0

1800-1900 0 0 0 0 0

1900-2000 0 0 0 0 0

2000-2100 0 0 0 0 0

2100-2200 0 0 0 0 0

2200-2300 0 0 0 0 0

2300-2400 0 0 0 0 0

Host/Domain Summary: Message Delivery

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sent cnt bytes defers avg dly max dly host/domain

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3 4119 0 0.4 s 0.8 s srv.world

2 2453 0 0.1 s 0.1 s mail.srv.world

Host/Domain Summary: Messages Received

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msg cnt bytes host/domain

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2 2879 mail.srv.world

Senders by message count

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2 cent@mail.srv.world

Recipients by message count

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3 redhat@srv.world

2 cent@mail.srv.world

Senders by message size

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2879 cent@mail.srv.world

Recipients by message size

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4119 redhat@srv.world

2453 cent@mail.srv.world

message deferral detail: none

message bounce detail (by relay): none

message reject detail: none

message reject warning detail: none

message hold detail: none

message discard detail: none

smtp delivery failures: none

Warnings

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tlsmgr (total: 6)

3 redirecting the request to postfix-owned data\_directory /var/li...

3 request to update table btree:/etc/postfix/smtpd\_scache in non-...

Fatal Errors: none

Panics: none

Master daemon messages

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4 daemon started -- version 2.10.1, configuration /etc/postfix

3 terminating on signal 15

1 reload -- version 2.10.1, configuration /etc/postfix

[root@linuxprobe ~]# crontab -e

# 发送邮件日志摘要在AM每天1:00到根

00 01 \* \* \* perl /usr/sbin/pflogsumm -e -d yesterday /var/log/maillog | mail -s 'Logwatch for Postfix' root