

postfix邮件服务器搭建

1.设置hostname

```
$ echo 'mail.aubitex.com' > /etc/hostname
$ hostname -F /etc/hostname
```

2.安装postfix

```
$ yum install postfix
```

3.postfix基本配置

Postfix的配置文件位于/etc/postfix/main.cf。一般有以下几个重要参数需要设置：

```
*myhostname //主机名
myhostname = mail.aubitex.com

*myorigin //外发邮件时发件人的邮件域名
myorigin = $myhostname //在通过Postfix发送邮件的时候，如果From字段不完整，Postfix会根据myorigin的值将地址补全为 *@mail.aubitex.com

*mydomain //使用邮件域
mydomain = aubitex.com //mydomain 设置本地网络的邮件域
*inet_interfaces //监听的网卡接口
inet_interfaces = all

*mydestination //可接受邮件地址域名
mydestination = mydestination = $myhostname, localhost.$mydomain, localhost, $mydomain
localhost.qq.com localhost.163.com localhost.foxmail.com localhost.sina.com
localhost.msn.com localhost.hotmail.com localhost.126.com localhost.gmail.com
//mydestination指定了postfix在收到这些域名地址为目标的邮件时，作为接受方收下邮件。如果收到的邮件既不符合转发规则，又不符合接受规则，则拒绝收信。

*mynetworks //需要收发的客户端的地址
mynetworks = 127.0.0.0/8 //mynetworks指定了本地网络的IP段，默认只包含主机自己，你可以添加需要收发的客户端的地址。

relay_domains = qq.com 163.com foxmail.com sina.com hotmail.com 126.com gmail.com
$mydestination $mydomain

home_mailbox = Maildir/ //邮件的存放位置
```

4.安装dovecot

```
$ yum install dovecot
$ vim /etc/dovecot/dovecot.conf
  protocols = imap pop3 lmtp
  listen = *, ::

$ vim /etc/dovecot/conf.d/10-auth.conf
  disable_plaintext_auth = yes
  auth_anonymous_username = anonymous
  auth_mechanisms = plain

$ vim /etc/dovecot/conf.d/10-mail.conf
  mail_location = maildir:~/Maildir
  inbox = yes

$ vim /etc/dovecot/conf.d/10-ssl.conf
  ssl = no
```

5.MX记录配置

方法一：直接在购买的二级域名上添加解析记录

```
MX @ aubitex.com
A @ 13.230.98.28
A www 13.230.98.28
```

方法二：自建DNS

```
$ yum install bind

$ vim /etc/named.conf
listen-on port 53 { any; };
allow-query { any; };

$ vim /etc/named.rfc1912.zones
zone "aubitex.com" IN {
type master;
file "named.localhost";
allow-update { none; };
};

$ vim /var/named/named.localhost
$TTL 1D
@ IN SOA aubitex.com. rname.invalid. (
                                0      ; serial
                                1D      ; refresh
                                1H      ; retry
                                1W      ; expire
                                3H )    ; minimum
NS      dns.aubitex.com.
dns     A      13.230.98.28
@       MX 10   13.230.98.28
mail    A      13.230.98.28
www     A      13.230.98.28
```

6.重启服务和测试

```
service postfix restart
service dovecot restart

[ec2-user@mail]$ sudo telnet localhost 25
Trying ::1...
to localhost.
Escape character is '^]'.
220 mail.aubitex.com ESMTP Postfix
mail from: zs@aubitex.com.      //发送的邮件地址
250 2.1.0 Ok
rcpt to: 1585656556@qq.com    //接收的用湖名
250 2.1.5 Ok
data                          //邮件的内容
354 End data with <CR><LF>.<CR><LF>
lfglk'df;g
.                              //以“.”结束
250 2.0.0 Ok: queued as 6690591400053
quit                          //退出
221 2.0.0 Bye
Connection closed by foreign host.
```

加密配置

1.生成证书

```
$ cd /etc/pki/tls/misc
$ ./CA -newca 生成根证书

$ openssl req -new -nodes -keyout mailkey.pem -out mailreg.pem -days 365

$ openssl ca -out mail_signed_cert.pem -infiles mailreg.pem          签发SMTP服务器
用证书
```

2.安装证书到postfix，并配置postfix

```
$ cp CA/cacert.pem /etc/postfix/
$ cp mailkey.pem /etc/postfix/
$ cp mail_signed_cert.pem /etc/postfix/
```

3.打开加密端口

```
$ vim /etc/postfix/master.cf
```

加入如下几行:

```
smtps      inet  n       -       n       -       -       smtpd
-o syslog_name=postfix/smtps
-o smtpd_tls_wrappermode=yes
-o smtpd_sasl_auth_enable=yes
-o smtpd_reject_unlisted_recipient=no
```