

MAIL SERVER

```
[root@mail-server ~]# yum install postfix s-nail -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Red Hat Enterprise Linux 9 for x86_64 - AppStream from RHUI (RPMs)          62 MB/s | 36 MB   00:00
Red Hat Enterprise Linux 9 for x86_64 - BaseOS from RHUI (RPMs)             56 MB/s | 25 MB   00:00
Red Hat Enterprise Linux 9 Client Configuration                         32 kB/s | 3.0 kB   00:00
Dependencies resolved.

=====
Package           Architecture      Version       Repository      Size
=====
Installing:
  postfix          x86_64          2:3.5.9-24.el9    rhel-9-appstream-rhui-rpms  1.5 M
  s-nail          x86_64          14.9.22-6.el9    rhel-9-appstream-rhui-rpms  626 k
Installing dependencies:
  libicu          x86_64          67.1-9.el9      rhel-9-baseos-rhui-rpms   9.6 M

Transaction Summary
=====
Install 3 Packages

Total download size: 12 M
Installed size: 38 M
Downloading Packages:
(1/3): postfix-3.5.9-24.el9.x86_64.rpm                                18 MB/s | 1.5 MB   00:00
```

```
[root@mail-server ~]# useradd pratiksha
[root@mail-server ~]# useradd ayushi
[root@mail-server ~]# passwd pratiksha
Changing password for user pratiksha.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@mail-server ~]# passwd ayushi
Changing password for user ayushi.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@mail-server ~]# systemctl enable --now postfix
Created symlink /etc/systemd/system/multi-user.target.wants/postfix.service → /usr/lib/systemd/system/postfix.service.
[root@mail-server ~]#
```

```
[root@dns:~]  [ayushi@mail-server:~] + v
[pratiksha@mail-server ~]$ [pratiksha@mail-server ~]$ mail -s "How is your health" ayushi
To: ayushi
Subject: How is your health

Hello ayushi i hope you are fine!! I was worried about your well meet you soon!!
^D
-----
(Preliminary) Envelope contains:
To: ayushi
Subject: How is your health
Send this message [yes/no, empty: recompose]? yes
[pratiksha@mail-server ~]$ su - ayushi
Password:
[ayushi@mail-server ~]$ mail
s-nail version v14.9.22. Type '?' for help
/var/spool/mail/ayushi: 1 message 1 new
>N 1 pratiksha@mail-server 2024-06-19 10:36 15/621 "How is your health"
& 1
[-- Message 1 -- 15 lines, 621 bytes --]:
Date: Wed, 19 Jun 2024 10:36:20 +0000
To: ayushi@mail-server.localdomain
Subject: How is your health
Message-ID: <20240619103620.948A810B6246@mail-server.localdomain>
From: pratiksha@mail-server.localdomain

Hello ayushi i hope you are fine!! I was worried about your well meet you soon!!
&
```

```
mail_owner = postfix
```

```
mydomain = pratu.online
```

```
#myorigin = $myhostname  
myorigin = $mydomain
```

```
inet_interfaces = all  
#inet_interfaces = $myhostname  
#inet_interfaces = $myhostname, localhost  
#inet_interfaces = localhost
```

```
#mydestination = $myhostname, localhost.$mydomain, localhost  
mydestination = $myhostname, localhost.$mydomain, localhost, $mydomain  
#mydestination = $myhostname, localhost.$mydomain, localhost, $mydomain,  
# mail.$mydomain, www.$mydomain, ftp.$mydomain
```

```
#mynetworks = 168.100.189.0/28, 127.0.0.0/8  
#mynetworks = $config_directory/mynetworks  
#mynetworks = hash:/etc/postfix/network_table  
mynetworks=0.0.0.0/0
```

```
#home_mailbox = Mailbox  
home_mailbox = Maildir/
```

```
[root@mail-server ~]# systemctl restart postfix
[root@mail-server ~]# su - pratiksha
Last login: Wed Jun 19 10:34:20 UTC 2024 on pts/0
[pratiksha@mail-server ~]$ mail -s "testing mail" ayushi
To: ayushi
Subject: testing mail

This is for testing purpose
^D
-----
(Preliminary) Envelope contains:
To: ayushi
Subject: testing mail
Send this message [yes/no, empty: recompose]? yes
[pratiksha@mail-server ~]$ |
```

```
[pratiksha@mail-server ~]$ su - ayushi
ayushi@dns:~ x ayushi@mail-server:~/Maildir x + -
Password:
Last login: Wed Jun 19 10:36:29 UTC 2024 on pts/0
[ayushi@mail-server ~]$ cd Maildir/
-bash: cd: Maildir/: No such file or directory
[ayushi@mail-server ~]$ ls
Maildir
[ayushi@mail-server ~]$ cd Maildir/
[ayushi@mail-server Maildir]$ ls
cur new tmp
[ayushi@mail-server Maildir]$ cd new/
[ayushi@mail-server new]$ ls
1718862646.Vca04Id485dM232042.mail-server
[ayushi@mail-server new]$ vim 1718862646.Vca04Id485dM232042.mail-server
[ayushi@mail-server new]$ |
```

```
[root@mail-server ~]# dnf install https://dl.fedoraproject.org/pub/epel/epel-release-latest-9.noarch.rpm
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Last metadata expiration check: 0:18:33 ago on Thu 20 Jun 2024 05:35:48 AM UTC.
epel-release-latest-9.noarch.rpm                                              12 kB/s | 19 kB   00:01
Dependencies resolved.
=====
Package          Architecture      Version       Repository    Size
=====
Installing:
epel-release     noarch          9-7.el9      @commandline 19 k

Transaction Summary
=====
Install 1 Package

Total size: 19 k
Installed size: 26 k
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
```

```
[root@mail-server ~]# lsblk
NAME   MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
xvda    202:0   0   10G  0 disk
└─xvda1  202:1   0   1M  0 part
xvda2  202:2   0  200M  0 part /boot/efi
└─xvda3  202:3   0   1G  0 part /boot
└─xvda4  202:4   0  8.8G 0 part /
xvdb    202:16  0   1G  0 disk
[root@mail-server ~]# mkswap /dev/xvdb
Setting up swapspace version 1, size = 1024 MiB (1073737728 bytes)
no label, UUID=23038697-dd04-4e92-8bc7-c45c2958cc69
[root@mail-server ~]# vim /etc/fstab
[root@mail-server ~]# swapon -a
[root@mail-server ~]# free -h
              total        used         free      shared  buff/cache   available
Mem:       765Mi       275Mi       204Mi       5.0Mi       403Mi       490Mi
Swap:          0B          0B          0B
[root@mail-server ~]# |
```

```
[root@mail-server ~]# yum install dovecot -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Extra Packages for Enterprise Linux 9 - x86_64
Extra Packages for Enterprise Linux 9 openh264 (From Cisco) - x86_64
Dependencies resolved.

=====
| Package           | Architecture | Version   | Repository | Size |
|=====             |=====         |=====      |=====       |===== |
| Installing:      |              |           |            |        |
| dovecot          | x86_64       | 1:2.3.16-11.el9 | rhel-9-appstream-rhui-rpms | 4.9 M |
| Installing:      |              |           |            |        |
| clucene-core     | x86_64       | 2.3.3.4-42.20130812.e8e3d20git.el9 | rhel-9-appstream-rhui-rpms | 590 k |
| libexttextcat    | x86_64       | 3.4.5-11.el9 | rhel-9-appstream-rhui-rpms | 249 k |
| libstemmer        | x86_64       | 0-18.585svn.el9 | rhel-9-appstream-rhui-rpms | 85 k  |
| libtirpc          | x86_64       | 1.3.3-8.el9_4 | rhel-9-baseos-rhui-rpms  | 96 k  |

Transaction Summary
=====
| Install 5 Packages |
|=====               |
| Total download size: 5.9 M |
| Installed size: 21 M |
| Downloading Packages: |
```

```
Transaction test succeeded.
Running transaction
  Preparing : 1/1
  Installing : libtirpc-1.3.3-8.el9_4.x86_64 1/5
  Installing : libexttextcat-3.4.5-11.el9.x86_64 2/5
  Installing : clucene-core-2.3.3.4-42.20130812.e8e3d20git.el9.x86_64 3/5
  Installing : libstemmer-0-18.585svn.el9.x86_64 4/5
  Running scriptlet: dovecot-1:2.3.16-11.el9.x86_64 5/5
  Installing : dovecot-1:2.3.16-11.el9.x86_64 5/5
  Running scriptlet: dovecot-1:2.3.16-11.el9.x86_64 5/5
  Verifying   : libstemmer-0-18.585svn.el9.x86_64 1/5
  Verifying   : clucene-core-2.3.3.4-42.20130812.e8e3d20git.el9.x86_64 2/5
  Verifying   : libexttextcat-3.4.5-11.el9.x86_64 3/5
  Verifying   : dovecot-1:2.3.16-11.el9.x86_64 4/5
  Verifying   : libtirpc-1.3.3-8.el9_4.x86_64 5/5
  Installed products updated.

Installed:
  clucene-core-2.3.3.4-42.20130812.e8e3d20git.el9.x86_64           dovecot-1:2.3.16-11.el9.x86_64
  libexttextcat-3.4.5-11.el9.x86_64                                libstemmer-0-18.585svn.el9.x86_64
  libtirpc-1.3.3-8.el9_4.x86_64

Complete!
[root@mail-server ~]# systemctl enable --now dovecot
Created symlink /etc/systemd/system/multi-user.target.wants/dovecot.service → /usr/lib/systemd/system/dovecot.service.
[root@mail-server ~]# |
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\91702> ssh -i \Users\91702\Downloads\DNS.pem ec2-user@18.234.216.7
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
Last login: Fri Jun 21 06:37:16 2024 from 152.58.23.52
[ec2-user@dns ~]$ sudo -i
[root@dns ~]# nslookup pratu.online
Server:      172.31.0.2
Address:     172.31.0.2#53

Non-authoritative answer:
Name:  pratu.online
Address: 54.152.70.6

[root@dns ~]# nslookup pratu.online localhost
Server:      localhost
Address:     ::1#53

Name:  pratu.online
Address: 54.152.70.6

[root@dns ~]# |
```

```

# Protocols we want to be serving.
protocols = imap pop3 lmtp submission

#
| mail_location = maildir:~/Maildir
# mail_location = mbox:~/mail/INBOX=/var/mail/%u
# mail_location = mbox:/var/mail/%d/%n/%n:INDEX=/var/indexes/%d/%n/%n
#
unix_listener auth-userdb {
    #mode = 0666
    user = postfix
    group = postfix
}

# See also ssl-required setting.
disable_plaintext_auth = no

# Authentication cache size (e.g. 10M). 0 means it's disabled. Note that

```

```

root@mail-server:~ x root@dns:~ x + v
[root@mail-server ~]# vim /etc/dovecot/conf.d/10-master.conf
[root@mail-server ~]# 0-master.conf" 130L, 3580B written
[root@mail-server ~]# vim /etc/dovecot/conf.d/auth.conf
[root@mail-server ~]# vim /etc/dovecot/conf.d/10-auth.conf
[root@mail-server ~]# systemctl restart dovecot
[root@mail-server ~]# systemctl status dovecot
● dovecot.service - Dovecot IMAP/POP3 email server
   Loaded: loaded (/usr/lib/systemd/system/dovecot.service; enabled; preset: disabled)
     Active: active (running) since Fri 2024-06-21 09:15:26 UTC; 12s ago
       Docs: man:dovecot(1)
              https://doc.dovecot.org/
    Process: 17232 ExecStartPre=/usr/libexec/dovecot/prestartscript (code=exited, status=0/SUCCESS)
      Main PID: 17238 (dovecot)
        Status: "v2.3.16 (7e2e900c1a) running"
         Tasks: 4 (limit: 22900)
        Memory: 5.1M
          CPU: 72ms
         CGroup: /system.slice/dovecot.service
                   ├─17238 /usr/sbin/dovecot -F
                   ├─17239 dovecot/anvil
                   ├─17240 dovecot/log
                   └─17241 dovecot/config

Jun 21 09:15:26 mail-server systemd[1]: Starting Dovecot IMAP/POP3 email server...
Jun 21 09:15:26 mail-server dovecot[17238]: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, pop3, lmtp, lmtp
Jun 21 09:15:26 mail-server systemd[1]: Started Dovecot IMAP/POP3 email server.
lines 1-20/20 (END)

```

```

root@mail-server:~ x root@dns:~ x + v
Jun 21 09:15:26 mail-server dovecot[17238]: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, pop3, lmtp, lmtp
Jun 21 09:15:26 mail-server systemd[1]: Started Dovecot IMAP/POP3 email server.
[root@mail-server ~]# yum install telnet -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Last metadata expiration check: 2:30:09 ago on Fri 21 Jun 2024 06:45:44 AM UTC.
Dependencies resolved.
=====
Package           Architecture      Version            Repository      Size
=====
Installing:
telnet           x86_64          1:0.17-85.el9      rhel-9-appstream-rhui-rpms  66 k

Transaction Summary
=====
Install 1 Package

Total download size: 66 k
Installed size: 121 k
Downloading Packages:
telnet-0.17-85.el9.x86_64.rpm                                         1.7 MB/s | 66 kB   00:00
Total                                         888 kB/s | 66 kB   00:00
Running transaction check

```

```

root@mail-server:~ x root@dns:~ x + v
[root@mail-server ~]# telnet localhost pop3
Trying ::1...
Connected to localhost.
Escape character is '^['.
+OK Dovecot ready.

```

```
[root@mail-server ~]# dnf install http://rpms.remirepo.net/enterprise/remi-release-9.rpm
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Last metadata expiration check: 2:34:06 ago on Fri 21 Jun 2024 06:45:44 AM UTC.
remi-release-9.rpm
Dependencies resolved.
=====
Package           Architecture      Version       Repository    Size
=====
Installing:
remi-release     noarch          9.4-2.el9.remi @commandline 30 k

Transaction Summary
=====
Install 1 Package

Total size: 30 k
Installed size: 31 k
Is this ok [Y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
```

```
[root@mail-server ~]# yum install httpd perl -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Remi's Modular repository for Enterprise Linux 9 - x86_64      556 kB/s | 672 kB   00:01
Safe Remi's RPM repository for Enterprise Linux 9 - x86_64  830 kB/s | 996 kB   00:01
Last metadata expiration check: 0:00:01 ago on Fri 21 Jun 2024 09:20:24 AM UTC.
Dependencies resolved.
=====
Package           Architecture      Version       Repository    Size
=====
Installing:
httpd            x86_64          2.4.57-8.el9      rhel-9-appstream-rhui-rpms 52 k
perl              x86_64          4:5.32.1-481.el9  rhel-9-appstream-rhui-rpms 12 k
Installing dependencies:
annobin          x86_64          12.31-2.el9      rhel-9-appstream-rhui-rpms 1.0 M
apr               x86_64          1.7.0-12.el9_3   rhel-9-appstream-rhui-rpms 126 k
apr-util          x86_64          1.6.1-23.el9    rhel-9-appstream-rhui-rpms 97 k
apr-util-bdb     x86_64          1.6.1-23.el9    rhel-9-appstream-rhui-rpms 14 k
cpp               x86_64          11.4.1-3.el9    rhel-9-appstream-rhui-rpms 11 M
dwz               x86_64          0.14-3.el9     rhel-9-appstream-rhui-rpms 130 k
efi-srpm-macros  noarch          6-2.el9_0       rhel-9-appstream-rhui-rpms 24 k
fonts-srpm-macros noarch          1:2.0.5-7.el9.1  rhel-9-appstream-rhui-rpms 29 k
gcc               x86_64          11.4.1-3.el9    rhel-9-appstream-rhui-rpms 32 M
gcc-c++          x86_64          11.4.1-3.el9    rhel-9-appstream-rhui-rpms 13 M
```

```
[root@mail-server /var/www/]# root@dns:~#
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@mail-server ~]# cd /var/www/html
[root@mail-server html]# ls
[root@mail-server html]# wget https://downloads.sourceforge.net/project/squirrelmail/stable/1.4.22/squirrelmail-webmail-1.4.22.tar.gz
--2024-06-21 09:26:28-- https://downloads.sourceforge.net/project/squirrelmail/stable/1.4.22/squirrelmail-webmail-1.4.22.tar.gz
Resolving downloads.sourceforge.net (downloads.sourceforge.net)... 204.68.111.105
Connecting to downloads.sourceforge.net (downloads.sourceforge.net)|204.68.111.105|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://cfhcable.dl.sourceforge.net/project/squirrelmail/stable/1.4.22/squirrelmail-webmail-1.4.22.tar.gz?viafs=1 [following]
--2024-06-21 09:26:28-- https://cfhcable.dl.sourceforge.net/project/squirrelmail/stable/1.4.22/squirrelmail-webmail-1.4.22.tar.gz?viafs=1
Resolving cfhcable.dl.sourceforge.net (cfhcable.dl.sourceforge.net)... 146.71.73.5
Connecting to cfhcable.dl.sourceforge.net (cfhcable.dl.sourceforge.net)|146.71.73.5|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 664076 (649K) [application/x-gzip]
Saving to: 'squirrelmail-webmail-1.4.22.tar.gz'

squirrelmail-webmail-1.4.22. 100%[=====] 648.51K 3.30MB/s in 0.2s

2024-06-21 09:26:29 (3.30 MB/s) - 'squirrelmail-webmail-1.4.22.tar.gz' saved [664076/664076]

[root@mail-server html]# ls
squirrelmail-webmail-1.4.22.tar.gz
[root@mail-server html]# |
```

```
[root@mail-server html]# tar -xvf squirrelmail-webmail-1.4.22.tar.gz
squirrelmail-webmail-1.4.22/
squirrelmail-webmail-1.4.22/class/
squirrelmail-webmail-1.4.22/class/index.php
squirrelmail-webmail-1.4.22/class/mime/
squirrelmail-webmail-1.4.22/class/mime/index.php
squirrelmail-webmail-1.4.22/class/mime/Disposition.class.php
squirrelmail-webmail-1.4.22/class/mime/SMimeMessage.class.php
squirrelmail-webmail-1.4.22/class/mime/Language.class.php
squirrelmail-webmail-1.4.22/class/mime/MessageHeader.class.php
squirrelmail-webmail-1.4.22/class/mime/AddressStructure.class.php
squirrelmail-webmail-1.4.22/class/mime/Rfc822Header.class.php
squirrelmail-webmail-1.4.22/class/mime/ContentType.class.php
squirrelmail-webmail-1.4.22/class/mime/Message.class.php
squirrelmail-webmail-1.4.22/class/mime.class.php
squirrelmail-webmail-1.4.22/class/.htaccess
squirrelmail-webmail-1.4.22/class/html.class.php
squirrelmail-webmail-1.4.22/class/deliver/
squirrelmail-webmail-1.4.22/class/deliver/index.php
squirrelmail-webmail-1.4.22/class/deliver/Deliver_IMAP.class.php
squirrelmail-webmail-1.4.22/class/deliver/Deliver.class.php
squirrelmail-webmail-1.4.22/class/deliver/Deliver_SMTP.class.php
squirrelmail-webmail-1.4.22/class/deliver/Deliver_SendMail.class.php
squirrelmail-webmail-1.4.22/class/helper/
squirrelmail-webmail-1.4.22/class/helper/index.php
squirrelmail-webmail-1.4.22/class/helper/VCard.class.php
squirrelmail-webmail-1.4.22/doc/
```

```
SquirrelMail Configuration : Read: config_default.php (1.4.0)
-----
Organization Preferences
1. Organization Name      : pratu.online
2. Organization Logo     : ./images/sm_logo.png
3. Org. Logo Width/Height : (308/111)
4. Organization Title    : SquirrelMail $version
5. Signout Page          :
6. Top Frame              : _top
7. Provider link          : http://squirrelmail.org/
8. Provider name          : SquirrelMail

R  Return to Main Menu
C  Turn color on
S  Save data
Q  Quit

Command >> Q
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Server Settings
General
-----
1. Domain           : example.com
2. Invert Time       : false
3. Sendmail or SMTP : SMTP

A. Update IMAP Settings : localhost:143 (other)
B. Update SMTP Settings : localhost:25

R  Return to Main Menu
C  Turn color on
S  Save data
Q  Quit

Command >> 1

The domain name is the suffix at the end of all email addresses. If
for example, your email address is jdoe@example.com, then your domain
would be example.com.

[example.com]: pratu.online
```

```
root@mail-server:var/www/I  root@dns:~ - + 
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Server Settings

General
-----
1. Domain           : pratu.online
2. Invert Time     : false
3. Sendmail or SMTP : SMTP

A. Update IMAP Settings : localhost:143 (other)
B. Update SMTP Settings : localhost:25

R  Return to Main Menu
C  Turn color on
S  Save data
Q  Quit

Command >> Q

Exiting conf.pl.
You might want to test your configuration by browsing to
http://your-squirrelmail-location/src/configtest.php
Happy SquirrelMailing!

[root@mail-server html]#
```

```
root@mail-server:~  root@dns:~ - + 
[root@mail-server ~]#
[root@mail-server ~]# dnf --disablerepo="*" --enablerepo="remi" list available -y && \
dnf --disablerepo="*" --enablerepo="remi-safe" list available -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Remi's RPM repository for Enterprise Linux 9 - x86_64          1.3 MB/s | 1.9 MB   00:01
Last metadata expiration check: 0:00:01 ago on Fri 21 Jun 2024 09:34:35 AM UTC.
Available Packages
GeoIP.x86_64                                         1.6.12-9.el9.remi      remi
GeoIP-Geolite-data.noarch                         2018.06-8.el9.remi      remi
GeoIP-Geolite-data-extra.noarch                   2018.06-8.el9.remi      remi
GeoIP-devel.x86_64                                    1.6.12-9.el9.remi      remi
HdrHistogram_c6php.x86_64                          0.11.8-1.el9.remi      remi
HdrHistogram_c6php-devel.x86_64                    0.11.8-1.el9.remi      remi
HdrHistogram_c6php-libs.x86_64                     0.11.8-1.el9.remi      remi
ImageMagick.x86_64                                    1:6.9.13.11-1.el9.remi   remi
ImageMagick-c++.x86_64                            1:6.9.13.11-1.el9.remi   remi
ImageMagick-c++-devel.x86_64                      1:6.9.13.11-1.el9.remi   remi
ImageMagick-devel.x86_64                           1:6.9.13.11-1.el9.remi   remi
ImageMagick-djvu.x86_64                           1:6.9.13.11-1.el9.remi   remi
ImageMagick-doc.x86_64                            1:6.9.13.11-1.el9.remi   remi
ImageMagick-heic.x86_64                           1:6.9.13.11-1.el9.remi   remi
ImageMagick-libs.x86_64                           1:6.9.13.11-1.el9.remi   remi
ImageMagick-perl.x86_64                           1:6.9.13.11-1.el9.remi   remi
```

```
root@mail-server:~  root@dns:~ - + 
[root@mail-server ~]#
[root@mail-server ~]# dnf module list php -y && dnf module install php:remi-7.4 -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Last metadata expiration check: 0:16:50 ago on Fri 21 Jun 2024 09:20:24 AM UTC.
Remi's Modular repository for Enterprise Linux 9 - x86_64
Name           Stream          Profiles          Summary
php            remi-7.4        common [d], devel, minimal    PHP scripting language
php            remi-8.0        common [d], devel, minimal    PHP scripting language
php            remi-8.1        common [d], devel, minimal    PHP scripting language
php            remi-8.2        common [d], devel, minimal    PHP scripting language
php            remi-8.3        common [d], devel, minimal    PHP scripting language

Red Hat Enterprise Linux 9 for x86_64 - AppStream from RHUI (RPMS)
Name           Stream          Profiles          Summary
php            8.1             common [d], devel, minimal    PHP scripting language
php            8.2             common [d], devel, minimal    PHP scripting language

Hint: [d]efault, [e]nabled, [x]disabled, [i]nstalled
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.
```

```

root@mail-server:~]# yum install php -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Last metadata expiration check: 0:17:21 ago on Fri 21 Jun 2024 09:20:24 AM UTC.
Dependencies resolved.
=====
 Package           Architecture   Version      Repository      Size
=====
Installing:
 php              x86_64        7.4.33-15.el9.remi    remi-modular   2.2 M
Installing dependencies:
 libodium          x86_64        1.0.18-8.el9          epel          161 k
Installing weak dependencies:
 php-opcache       x86_64        7.4.33-15.el9.remi    remi-modular   302 k
 php-pdo            x86_64        7.4.33-15.el9.remi    remi-modular   102 k
 php-sodium         x86_64        7.4.33-15.el9.remi    remi-modular   46 k

Transaction Summary
=====
Install 5 Packages

Total download size: 2.8 M

```

```

root@mail-server:~/var/local  x  root@dns:~  x  +  ~
=====
[root@mail-server ~]# setenforce 0
[root@mail-server ~]# cd /var/local
[root@mail-server local]# mkdir -p squirrelmail/data
[root@mail-server local]# chown -R apache squirrelmail/data
[root@mail-server local]# yum install bind-utils -y
Updating Subscription Management repositories.
Unable to read consumer identity

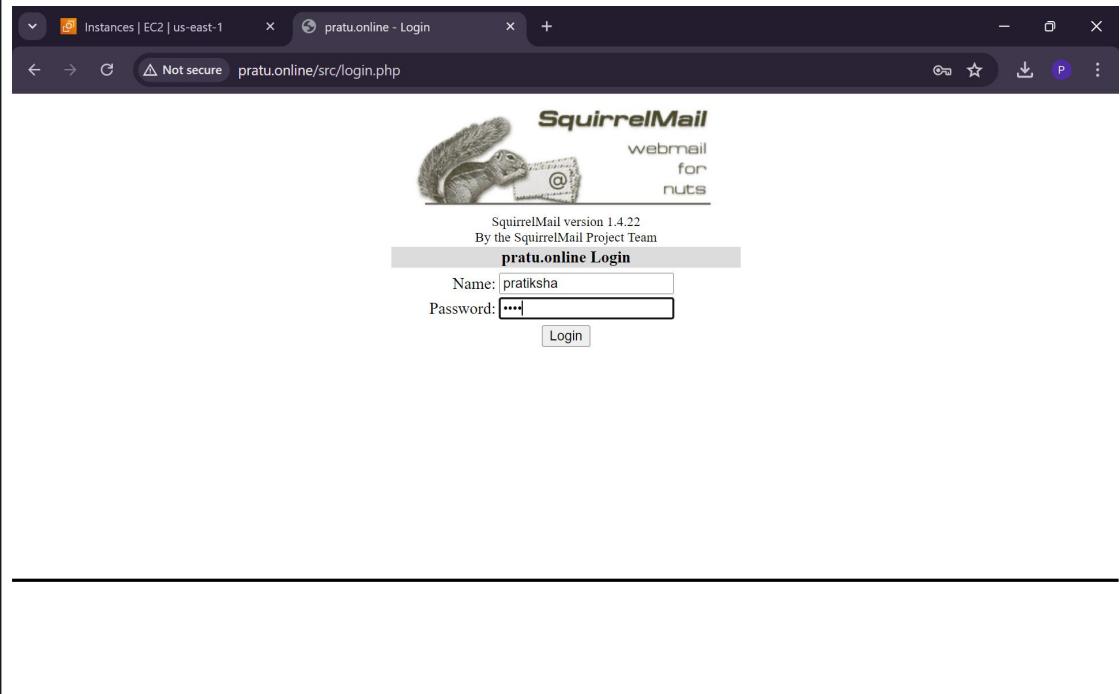
This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register.

Last metadata expiration check: 0:19:11 ago on Fri 21 Jun 2024 09:20:24 AM UTC.
Dependencies resolved.
=====
 Package           Architecture   Version      Repository      Size
=====
Installing:
 bind-utils        x86_64        32.9.16.23-18.el9_4.1   rhel-9-appstream-rhui-rpms  212 k
Installing dependencies:
 bind-libs          x86_64        32.9.16.23-18.el9_4.1   rhel-9-appstream-rhui-rpms  1.2 M
 bind-license       noarch       32.9.16.23-18.el9_4.1   rhel-9-appstream-rhui-rpms  14 k
 fstrm             x86_64        0.6.1-3.el9          rhel-9-appstream-rhui-rpms  30 k
 libuv             x86_64        1:1.42.0-1.el9        rhel-9-appstream-rhui-rpms  153 k
 protobuf-c         x86_64        1.3.3-13.el9        rhel-9-baseos-rhui-rpms   37 k

Transaction Summary
=====
Install 6 Packages

Total download size: 1.7 M
Installed size: 4.6 M

```



Instances | EC2 | us-east-1 SquirrelMail 1.4.22 Not secure pratu.online/src/webmail.php

Folders
Last Refresh: Fri, 9:41 am (Check mail)

- INBOX Drafts Sent Trash

Current Folder: INBOX

Compose Addresses Folders Options Search Help Sign Out SquirrelMail

Move Selected To: INBOX Move Forward Transform Selected Messages: Read Unread Delete

From Date Subject

THIS FOLDER IS EMPTY

Instances | EC2 | us-east-1 SquirrelMail 1.4.22 Not secure pratu.online/src/webmail.php

Folders
Last Refresh: Fri, 9:41 am (Check mail)

- INBOX Drafts Sent Trash

Current Folder: INBOX

Compose Addresses Folders Options Search Help Sign Out SquirrelMail

To: ayushi@pratu.online
Cc:
Bcc:
Subject: This is my test mail from pratiksha user
Priority: Normal Receipt: On Read On Delivery
 Signature Addresses Save Draft Send

Dear Ayushi!
How are you,
This is my Practical,
It's working dear!
Congratulation!

Send

Attach: Choose File No file chosen Add (max. 2 M)

Instances | EC2 | us-east-1 pratu.online - Login pratu.online

SquirrelMail webmail for nuts

SquirrelMail version 1.4.22
By the SquirrelMail Project Team
pratu.online Login

Name: ayushi
Password: Login

Instances | EC2 | us-east-1 SquirrelMail 1.4.22 pratu.online

Not secure pratu.online/src/webmail.php

Folders
Last Refresh: Fri, 9:50 am (Check mail)

- INBOX (2)
Drafts
Sent
Trash

Current Folder: INBOX

Compose Addresses Folders Options Search Help

Sign Out SquirrelMail

Toggle All

Move Selected To: INBOX Move Forward

Viewing Messages: 1 to 2 (2 total)

From Date Subject
pratiksha@pratu.online 9:48 am This is my test mail from pratiksha user
pratiksha@pratu.online 6:41 am testing mail

Transform Selected Messages:
Read Unread Delete

Viewing Messages: 1 to 2 (2 total)

Instances | EC2 | us-east-1 SquirrelMail 1.4.22 pratu.online

Not secure pratu.online/src/webmail.php

Folders
Last Refresh: Fri, 9:50 am (Check mail)

- INBOX (2)
Drafts
Sent
Trash

Current Folder: INBOX

Compose Addresses Folders Options Search Help

Sign Out SquirrelMail

Message List | Unread | Delete Previous | Next Forward | Forward as Attachment | Reply | Reply All

Subject: This is my test mail from pratiksha user
From: pratiksha@pratu.online
Date: Fri, June 21, 2024 9:48 am
To: ayushi@pratu.online
Priority: Normal
Options: View Full Header | View Printable Version | Download this as a file

Dear Ayush!!!
How are you,
This is my Practical,
It's working dear!
Congratulation!

Instances | EC2 | us-east-1 SquirrelMail 1.4.22 pratu.online

Not secure pratu.online/src/webmail.php

Folders
Last Refresh: Fri, 9:50 am (Check mail)

- INBOX (2)
Drafts
Sent
Trash

Current Folder: INBOX

Compose Addresses Folders Options Search Help

Sign Out SquirrelMail

To: pratiksha@pratu.online
Cc:
Bcc:
Subject: Hello pratiksha your mail has been received
Priority: Normal Receipt: On Read On Delivery
 Signature Addresses Save Draft Send

Hello pratiksha!!
I have received your mail,
Great Work!!

Send

Attach: Choose File No file chosen Add (max. 2 M)

Screenshot of a webmail interface showing an incoming email in the inbox.

Header:

- Instances | EC2 | us-east-1
- SquirrelMail 1.4.22
- pratu.online
- Regarding Assignment - p

Toolbar:

- Compose Addresses Folders Options Search Help
- Sign Out SquirrelMail

Message List:

- INBOX (1)
- Drafts
- Sent
- Trash

Message Preview:

From: ayushi@pratu.online Date: 9:55 am Subject: Hello pratiksha your mail has been received

Buttons:

- Move Selected To: INBOX Move Forward
- Transform Selected Messages: Read Unread Delete

Viewing Message: 1 (1 total)

[Toggle All](#)

Viewing Message: 1 (1 total)

Screenshot of a webmail interface showing an incoming email in the inbox.

Header:

- Instances | EC2 | us-east-1
- SquirrelMail 1.4.22
- pratu.online
- Regarding Assignment - p

Toolbar:

- Compose Addresses Folders Options Search Help
- Sign Out SquirrelMail

Message List:

- INBOX (1)
- Drafts
- Sent
- Trash

Message Preview:

Subject: Hello pratiksha your mail has been received
From: ayushi@pratu.online
Date: Fri, June 21, 2024 9:55 am
To: pratiksha@pratu.online
Priority: Normal
Options: View Full Header | View Printable Version | Download this as a file

Forward | Forward as Attachment | Reply | Reply All

Previous | Next

Message Content:

Hello Pratiksha!
I have received your mail,
Great Work!