Mail

1. Mailing System

Your e-mail address is youraccount@asiaa.sinica.edu.tw. You can use mailers like pine, Outlook Express, Mozilla mailer and Openwebmail. You can even synchronize folders/messages among them.

2. mailers

2.1 text based

To use text based mailers like pine or mutt, you need to ssh remote login to the host asiaa.sinica.edu.tw. It's our mail server and users are allowed to run text based mailers (like pine, mutt, elm) only. Other user jobs running on the mail server or GUI program (even though it is a desktop session or GUI mailers like mozilla) will be terminated by the system administrator.

2.2 Outlook express

You can setup outlook express on Windows to access mails. Assign your incoming and outgoing mail server to be 'asiaa.sinica.edu.tw' and choose IMAP (Internet Message Access Protocol) instead of POP3 (Post Office Protocol V3).

A, Tool->Account
B Add -> mail

C Enter your display name “Joshua for ex.”
D Enter e-mail address

E specify incoming/outgoing server, and remember, IMAP instead of POP3
Here the Account name is your ASIAA login ID. Check (or not) the 'Remember password box' as you wish. DO NOT check the 'log on using Secure Password Authentication (SPA)'. SPA is Microsoft's property and is incompatible to servers other than Microsoft Exchange.

After next and finish, your asiaa account is created. Continue with the following security settings to prevent your password/mail content being sniffered (if the hacker try to collect the network packet in between, your password might be caught)

Enabling SSL when getting mails

A. Tool->Account like the above
B. edit the account's property
C. see 'advanced' tab

D in incoming mail (IMAP) Check the 'This server require a secure connection (SSL)' box

You shall see the number (port number) changed from 143 to 993. This setup encryption in between when you are retrieving mail/(and send your password) from/(to) the server, keep them from being hacked. This step is VERY IMPORTANT, DO APPLY IT.
2.3 Mozilla

In linux/solaris, use Mozilla mail/netscape messanger for GUI mailer. Configure it as IMAP (Internet Message Access Protocol) instead of POP3 (Post Office Protocol V3). And use 'asiaa.sinica.edu.tw' as the incoming and outgoing server.

A edit->Mail & Newsgroup Account settings

B in the 'Account settings' window, Add Account
C Create 'Email account'

D Enter 'Display name' and 'e-mail address'
E IMAP instead of POP3

F Incoming User Name (ASIAA login ID)

(this is how you login IMAP session for retrieving mails)
G Give this account a name

![Account Name](image)

H Finish (but not yet)

![Congratulations!](image)
I Server settings -> Check 'Use secure connection (SSL)'

The last step require you back to 'Account settings' window (see B above) and choose 'server settings' at the middle left. Then at the middle right, check the 'Use secure connection (SSL)' box. You shall see the number (port number) changed from 143 to 993. This setup encryption in between when you are retriving mail/(and send your password) from/(to) the server, keep them from being hacked. This step is VERY IMPORTANT, DO APPLY IT.
2.4 Webmail

The mail server runs OpenWebmail as webmail service. Just direct your web browser to http://asiaa.sinica.edu.tw (note the URL has no www). It's actually redirect to https://asiaa.sinica.edu.tw (the https imply SSL connection, secure for content encryption).

3. Creating sub-folders--Mail Folder synchronization

It is possible that you create sub mail folders within one mailer and 'see' the same folders in another mailers.

3.1 pine

It's very common that users create customized sub folders to hold mails, Let's start from pine.

A in pine, let's take a look at the folder list
B Create 2 sub-folders, 'computing' and 'samba'

C 2 more folders created
D you can see the same folders under unix shell

As you see, Pine put the created mail folders in ~/mail (yourhome/mail/*).

3.2 outlook express

Since we choose 'IMAP' account type, we can 'see' the 2 sub-folders created in pine

A Right click the IMAP account's “IMAP Folder”
B Outlook express downloads folders on the IMAP server

C browse and pick up the 2 folders (3 items, including mail/ itself)
D 2 more folders appear in the IMAP account folder tree

3. E drag a message in Inbox and drop it onto the IMAP folder as you classify mails
Now since Outlook Express and Pine are synchronized, the above drag n drop will reflect to pine. You will see the message appearing in pine's 'computing' folder classified in outlook express.

3.3 Mozilla

To include IMAP folder created in pine (subscribe) in Mozilla, do the following

A in mozilla mail, File->Subscribe

B Browse and 'Subscribe' the IMAP folder you want (mail itself needed in Mozilla)
The folders appear on the folder tree

And this time, the message 'test' is in folder 'computing'. We drag it from there and drop onto 'samba' folder.

This action will reflect to Outlook Express and pine.

3.4 OpenWebmail

When you login OpenWebmail
Your location is at the 'Inbox'

And all IMAP folders appear automatically. They can be browsed
Now we go to the folder location 'samba', the mail 'test' is there.

<table>
<thead>
<tr>
<th>Date</th>
<th>Sender</th>
<th>Subject</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/29/2005</td>
<td>Joshua</td>
<td>test</td>
<td>1047</td>
</tr>
</tbody>
</table>

And select the mail (check it) then move it back to 'Inbox'
This is why IMAP is highly recommended rather than POP3. All customized folders in IMAP are automatically synchronized (and also all messages moved into those folders). And if the folders are under ~/mail/*, pine can also join the synchronization.

OpenWebmail will also join the synchronization just like pine. So ~/mail/* is where you will keep all customized folders and classified messages, they are platform/mailer independent.