

Straw Proposal #1

- Some big mail server machine is acquired. The machine must have lots of disk space, handle many fast, connections, be up 24/7, and be consistently backed up including off site.
- It provides, in essence two services – POP and IMAP, each with or without Spam filtering (I imagine that a client will connect to pop.mail.utah.edu or imap.mail.utah.edu which are spam filtered or the unfiltered versions upop.mail.utah.edu and uimap.mail.utah.edu. Something along those lines.)
- Virus filtering would be turned on ALWAYS.
- Any client with pop or imap capabilities (and they all have it) can access the mail.
- We'd also need web access probably on a different machine mail.utah.edu.
- Addresses for this are first.lastname@utah.edu. I'd propose that if there is a conflict, then the user can choose what is in the first part – I would recommend that there is an algorithm that comes up with several possibilities based on what is available and what is reasonable and lets the user decide). But the lastname has to be there. If someone changes their last name then a new account is created with a forward left from the old account.
- Only one account per person and likewise only one address.
- Every person (student, staff, faculty) by default gets an account. Each user can choose to not have their account if they set up a forwarding address. At some point in the future, it might be a good idea to periodically send a message to each forwarded account to make sure that it is active. If it isn't, then the person should be contacted (even if by snail mail and telephone) and the mail forwarding dropped.
- Remote admin – managers of departments or units should have some control. I would think that they should be able to create guest accounts and manage quotas for the accounts in their unit. The managers should also be able to manage distribution lists. I'd recommend web interface for management.
- Quotas – this is a big deal (politically). I'd propose that based on status (students, faculty/staff) you get so much space. We need some way of increasing the quota, preferably using some kind of remote admin capability. But what policies work here, we need to discuss. I also really hate what happens when you exceed your quota. Mail gets dropped. You can't even get an email message that says you are out of quota. Catch 22. It would be good if there was some kind of solution – like when you get to 95% of quota, you get an email message that you are out. Then email messages are saved for X bytes even if you go over your 100%. If you get even above even that x% then the email message's are rejected. Something a little more graceful than simply rejecting everything.
- Calendaring – I'd say that we bail on this, unless there is something like POP and IMAP that are universal for calendaring.
- Alumni can keep accounts for a few years. But they must be spam filtered accounts. It would be good to keep their account names forever, just change the forwarding.
- Digital signatures and encryption – not sure where these fit in.