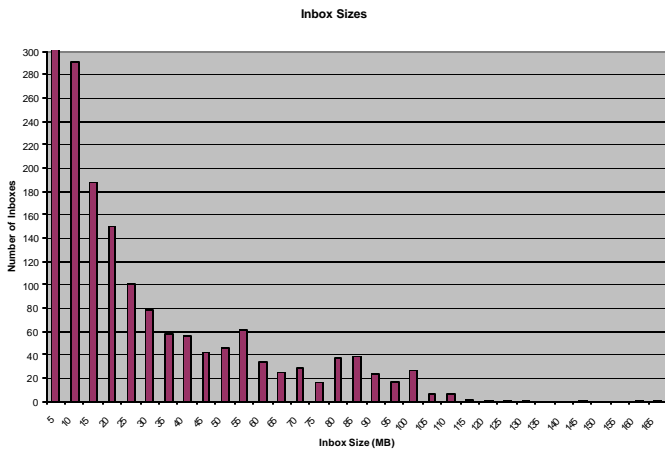


The Kernel

Email Inbox Size Statistics

Email is a heavily used service at Rose-Hulman. Recently, a few statistics were generated to better understand how much email is stored in the inboxes that are stored locally on the email servers.



The inboxes on the email servers occupy 44.7 GB. The largest 285 inboxes use 50% of this space, or approximately 22 GB. The average inbox size is 16 MB and the median is 3.8 MB. There are 1301 inboxes that are less than 5 MB and 22 that are larger than 100 MB.

Outlook defines emails that are less than 25 KB as small emails. If this number is used as the average single email size in an inbox, the average inbox contains 658 emails and the largest inboxes contain well over 4000. For comparison, the Help Desk has received approximately 4500 emails in the last 11 months.

Info for Graduating Seniors

Graduating seniors' accounts are scheduled to be deactivated on July 5th, 2004. At that time, access to those accounts, including email, web pages, and other data on AFS, will be disabled. These accounts will be removed and all data deleted after the beginning of classes in the fall. Therefore, graduates need to copy their data off AFS before July 5th. Graduate students will have their accounts disabled two weeks after

officially completing their degree. If you are a senior who will not be graduating this spring, you should contact the Help Desk to ensure your account is not disabled.

Those seniors who are graduating but require a Rose email address for a job search should consider signing up for an alumni email address. See <https://alumni.rose-hulman.edu/directory/index.asp> for more details. Account extensions for seniors still looking for a job will be granted on a case by case basis.

Graduating seniors need to sign the Microsoft license agreement for the Microsoft software on their laptops, including Windows, Office, and Visual Studio. This license will allow you to continue to use the Microsoft software on your laptop after graduation. You can find a copy of the license agreement form at http://www.rose-hulman.edu/TSC/about_iait/licenses/mslicense.pdf. Fill out the top of the form, sign it, and bring it to the Help Desk. IAIT recommends purchasing the media at the bookstore before graduation so that you have access to it after leaving Rose.

Maple and Working Model are purchased on a per-student basis and both are yours to keep after graduation. You do not need to do anything to keep using this software.

All other software is licensed for campus use only and should be removed from your laptop before graduation. This includes, but is not limited to, McAfee Virus Scan, SecureCRT, SecureFX, WinRAR, the VPN client, and AutoCAD. Software that uses a license server, including MATLAB and ANSYS, should be removed. Once your account is disabled you will no longer be able to access the license server necessary for that software to operate.

Graduating seniors' laptops will not be serviced after the end of May. Our maintenance agreement with Acer and HP only allows our technicians to perform service work for active students. Laptops for returning seniors will still be serviced, but major repairs will be limited by available parts.

Summer Reminders

During the summer, most students and faculty will need to use and maintain their laptops while away from Rose-Hulman. Below are a few tips for using your laptop while on vacation.

Make sure Outlook is setup correctly before attempting to send email from a non-Rose network. Instructions can be found at http://www.rose-hulman.edu/TSC/services/email/email_setup/. The Webmail service can also be used to access your email and does not require additional configuration. You can access Webmail at <https://webmail.rose-hulman.edu/>.

The Rose-Hulman VPN can be used to access services that are normally only available to on-campus users. This includes MATLAB, AFS, Tibia, and Banner. To use the VPN, the client must be downloaded and installed. Instructions can be found at <https://dna.rose-hulman.edu/vpn/>.

Make sure that you check for new Windows Updates weekly. Microsoft releases new updates on the second Tuesday of each month and critical updates as needed. McAfee Virus Scan should be set to download new virus definitions daily. Scan for and remove spyware using SpyBot on a weekly basis.

Outbound Email Configuration

Beginning this summer, all email sent using Rose's email servers must use authentication and SSL. You should verify your email client setup with these instructions: http://www.rose-hulman.edu/TSC/services/email/email_setup/. This will prevent disruption when this change occurs.

New Laptop Selected

The laptop for next year's freshman class has been selected. The new laptop is an HP Compaq Mobile Workstation NW8000.

- Intel Pentium M 1.7GHz
- 1024MB memory, 333MHz DDR (2 Modules)
- 60GB Smart (7200 RPM) hard drive
- 15-inch TFT UXGA WVA display
- ATI Mobility Fire GL T2, 128MB DDR SDRAM
- DVD+RW drive and Secure Digital slot
- DualPoint (Touchpad & Pointstick)
- 10/100/1000 Gigabit NIC
- 56K v.92 Modem
- 802.11 a/b/g MiniPCI card and Bluetooth

HP Mobility Grant

Rose-Hulman has been awarded a follow-on equipment grant from HP for 52 TC1100 Tablet PCs valued at \$120,000. These Tablets, along with the equipment from the original grant, are being used to explore new ways to teach and collaborate in a mobile environment. Examples include faculty/student interactions during lectures, data acquisition and analysis during laboratories, and technical communication.

Internet Bandwidth Increase

During the summer, Rose-Hulman's Internet connection will be upgraded to a full DS3 running at 45 Mb/sec. This is a 300% increase over the current connection of 15 Mb/sec. The recreational usage policy will remain the same.

Email Spam Blacklists

Spam blacklists were recently added to the email server configuration as an enhancement to the SpamAssassin anti-spam solution. The blacklist contains domains and email addresses that produce large volumes of spam (and viruses). This prevents email from being sent to or received from any address or domain in the blacklist.

The blacklist is automatically updated five times per day. If an email you are trying to send is rejected due to the blacklist, you will receive an error. If this is the case, contact the Help Desk. For more information see <http://www.rose-hulman.edu/TSC/services/email/blacklists/>.

Help Desk Summer Hours

The Help Desk is open all summer between the hours of 8AM and 5PM Monday through Friday. The Help Desk will be closed on May 31st for Memorial Day and July 4th.

All summer work on laptops for students will be conducted on a time available basis beginning in June. If you will be away from the Terre Haute area for the summer and need a major repair, contact the Help Desk. IAIT will not be storing student laptops, so repaired laptops must be picked up after servicing.

If you have questions about any information contained in The Kernel, please contact the IAIT Help Desk at helpdesk@rose-hulman.edu or x8989.