Cornell's email forwarding service, LDAP

Look up where email goes when you send an email to someone's Cornell email address. Change or add where you forward your Cornell-based email. Mail routing.

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WhoIAm is the tool to manage email routing for individuals

Help someone see and change where they route their email, or which Cornell email service they use.

- http://whoiam.cornell.edu/
  - https://www.whoiam.cornell.edu/whoiam/mail.html

IT Support Providers (or any CU person, including students? to test!): See where email goes for any NetID

Two main ways to found out where a NetID gets its email forwarded:

- Ask the TSP Service Desk. Email is best.
- Look it up yourself. 3 options Oliver has found, so far.
  - The easiest if in the office is via your Windows Quest software client.
  - The easiest if not at your computer is via the Web AD (Quest) tool.
  - Alternatively: Install an LDAP client and find it out that way.
    - This was the first way Oliver figured out. It's the least easiest, but he documented it, so there you go!

See also

- LDAP look-up tips and tricks

See also

- **Email forwarding look-up instructions, LDAP**

  Host: query.directory.cornell.edu http://query.directory.cornell.edu Path: o=cornell university,c=us Attributes: cornellEduMailDelivery mailRoutingAddress
- Attributes (CIT's page listing CU's LDAP attributes; NetID credentials required to view)

Use an LDAP look-up tool

Windows

- http://www.ldapadmin.org/

Parameters Oliver used (10/12/16)

- Cornell LDAP server: query.directory.cornell.edu
- Path: ou=people,o=cornell university,c=us

- Options: Attributes: cornellEduMailDelivery mailRoutingAddress
- Enter NetID in "Email".

Full instructions

- Email forwarding look-up instructions, LDAP

Info from CIT's ID Management

Per ID Management's Jerry Shipman (Wednesday, October 12, 2016 4:13 PM):

if cornellEduMailDelivery contains "exchange", mail is going to the exchange mailbox.

if cornellEduMailDelivery contains "cmail", then mail is going to the cmail mailbox, and mailRoutingAddress will also contain the netid@cmail.cornell.edu (this was an expedient decision that was made to solve a technical problem)

if cornellEduMailDelivery contains "maildelivery", then mail is forwarding to the external address(es) listed in a comma-delimited list in mailRoutingAddress

CIT has it written up here: https://confluence.cornell.edu/display/IDM/Attributes

Take care,

Jerry Shipman

On Oct 12, 2016, at 3:58 PM, Oliver B. Habicht <oh10> wrote:

Jerry,

This does seem like a much better "fit" to my needs. I just tried it in Windows and my tests got me what I needed, using your search parameters to guide me towards what to try in the tool I tried. I'm sure what I did can be made more elegant, but it does work. 🙂

Thus, no policy statement needs to be crafted in regards to my query. I really don't want access to any FERPA data and the like, of course. Should I forward this email to the ticket, or do you want to share that you got me what I needed?

And thank you! -Oliver.

From: Jerry Shipman
Sent: Wednesday, October 12, 2016 2:23 PM
To: Oliver B. Habicht <oh10>
Subject: mail forwarding information

Hello,

I work in identity management. I guess that someone else has your ticket and I am writing unofficially from the peanut gallery, but...

I'm not sure, but it might be that the information you're looking for is mostly available publicly in the directory.

(...)

Is this all the information you are looking for?

$ ldapsearch -x -v -H ldap://query.directory.cornell.edu:389 -b 'ou=people,o=cornell university,c=us' '(| (uid=wth1) (uid=oh10) (uid=jes59))' cornellEduMailDelivery mailRoutingAddress | perl -p00e 's/\r?\n //g'

[...]

oh10, People, Cornell University, US

dn: uid=oh10,ou=People,o=Cornell University,c=US

cornellEduMailDelivery: cmail

cornellEduMailDelivery: exchange

cornellEduMailDelivery: mailforwarding

mailRoutingAddress: ohabicht(...),oh10(...)cmail(...)

wth1, People, Cornell University, US

dn: uid=wth1, ou=People, o=Cornell University, c=US

cornellEduMailDelivery: cmail

cornellEduMailDelivery: exchange

cornellEduMailDelivery: mailforwarding

mailRoutingAddress: william(...)wtholmes.dyndns(...),wtholmes(...)test.mail.cornell(...),wth1(...)cmail(...)

jes59, People, Cornell University, US

dn: uid=jes59,ou=People,o=Cornell University,c=US

cornellEduMailDelivery: exchange

mailRoutingAddress:

(i.e.: I am just sending to exchange; you and bill holmes are sending to exchange and cmail and forwarding to one or more third parties, etc)

`ldapsearch` is an easy ldap client that is available on mac and linux...one would think that there is an equivalent thing on windows, but I don't know what it is (sorry).

I have also seen guys make ldap calls from coldfusion webpages or what have you. (...)

Deprecated by CIT

Look up where email goes when you send an email to someone's Cornell email address

- http://exchange.cornell.edu/recipientinfo/

Change or add where you forward your Cornell-based email

- https://www.whoiam.cornell.edu/whoiam/jsp/directory.jsp

See also

- Network tools