CILogon and OAuth for MyProxy: Federated Authentication to Globus Online and Beyond

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Outline

• Campus authentication to Globus Online via CILogon

• Globus Online endpoint activation via OAuth for MyProxy

• Getting X.509 certificates directly from CILogon
CILogon and OAuth for MyProxy
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"Globus Online" requests that you select an Identity Provider and click "Log On". If you do not approve this request, do not proceed.

Site Name: Globus Online
Site URL: https://www.globusonline.org
Service URL: https://www.globusonline.org/service/graph/authenticate_oauth_callback

Select An Identity Provider:
University of Hawaii
University of Illinois at Chicago
University of Illinois At Springfield
University of Illinois at Urbana-Champaign

Search: [ ]
Remember this selection: [ ]

By selecting "Log On", you agree to CILogon's privacy policy.

For questions about this site, please see the FAQs or send email to help @ cilogon.org.
Know your responsibilities for using the CILogon Service.
See acknowledgements of support for this site.
CILogon and OAuth for MyProxy
You must log in to continue.

Enter your NetID: 

Enter your Active Directory (AD) password: 

Forgot your Active Directory password? To change or reset your Active Directory password, go to the CITES Password Manager.

More Information

Where to Get Help
Contact the CITES Help Desk at consult@illinois.edu.

What Is a NetID?
Your NetID serves as your login to many University computing and networking services and also determines your University email address, which is netid@illinois.edu. For more information, see the Your Network ID (NetID) page.

Technical Information

Service that has requested authentication:

Service Provider EntityID:
https://cilogon.org/shibboleth

This login service uses the following server:

shibboleth.illinois.edu

This page's URL should start with https:// followed by the server listed above.

For most web browsers, the security padlock icon for this page should be closed/locked.

To maximize security, quit your browser when done using this application.
CILOGON and OAuth for MyProxy
### CILogon and OAuth for MyProxy

#### Manage Identities

<table>
<thead>
<tr>
<th>Alias</th>
<th>Type</th>
<th>Authentication Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>InCommon / CILogon Sign In</td>
<td>x509</td>
<td></td>
</tr>
<tr>
<td>NCSA Blue Waters</td>
<td>oauth</td>
<td></td>
</tr>
<tr>
<td>XSEDE Sign In</td>
<td>oauth</td>
<td></td>
</tr>
</tbody>
</table>
CILogon and OAuth for MyProxy
CIlogon and OAuth for MyProxy
CILogon CLI

$ curl -O https://cilogon.org/ecp.pl
$ perl ecp.pl --get cert -c create -k userkey.pem -o usercert.pem -t 12

Select an Identity Provider (IdP):
1> LIGO Scientific Collaboration
2> LTER Network
3> ProtectNetwork
4> University of Chicago
5> University of Illinois at Urbana-Champaign
6> University of Washington
7> University of Wisconsin-Madison
8> Specify the URL of another IdP

Choose [3]: 5
Enter a username for the Identity Provider: jbasney
Enter a password for the Identity Provider: ************

$ grid-proxy-init -cert usercert.pem -key userkey.pem -hours 4

Your identity: /DC=org/DC=cilogon/C=US/O=University of Illinois at Urbana-Champaign/CN=James Basney A534
Creating proxy .................................... Done
Your proxy is valid until: Thu Mar 14 18:26:56 2013

$ gssish citest.example.edu
[jbasney@citest ~]$
Custom CILogon Instances

CILogon and OAuth for MyProxy
References

- **MyProxy**
  http://myproxy.ncsa.uiuc.edu/
- **OAuth for MyProxy**
  http://www.sciencegatewaysecurity.org/oauth-for-myproxy
- **CILogon**
  https://cilogon.org/
- **Shibboleth**
  http://shibboleth.net/
- **InCommon Federation**
  https://www.incommon.org/federation/
Thanks!

www.cilogon.org
www.sciencegatewaysecurity.org

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