# Getting Users Onto Your Campus Cluster

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Many campuses are now realizing the need to bring research computing to all researchers on campus.

Hopefully most make the decision to deploy HTCondor!



How do we manage getting users onto the cluster? (onboarding)

How do we manage offboarding users?

On boarding/Offboarding/Enrollment/Registration

Standard approach: somebody pulls together a few scripts.

One size fits all approach for all users.

### Then the reality hits:

- ► Enrollment for faculty and students must be different.
- Instructors want to onboard students themselves.
- ▶ Different research teams want different enrollment policies.
- ▶ Important users want to bring on people from other campuses.
- Research teams want group based access controls.
- Need group based accounting.

Each campus is solving this over and over again.

# COmanage for Collaboration Management

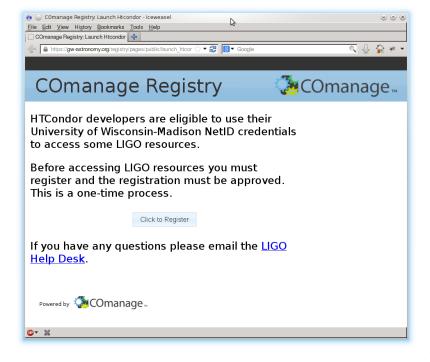


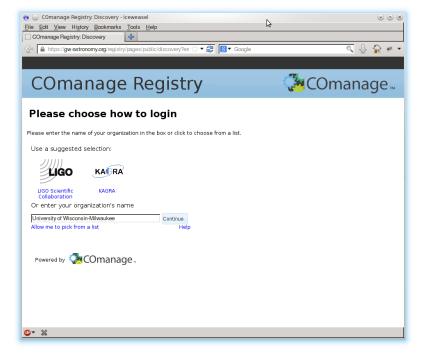
- Flexible, customizable, extensible enrollment flows.
- Group management.
- Provisioning engine designed so simple things are simple.

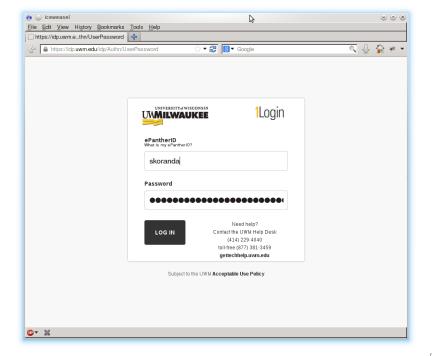
NSF funded project (ending this year).

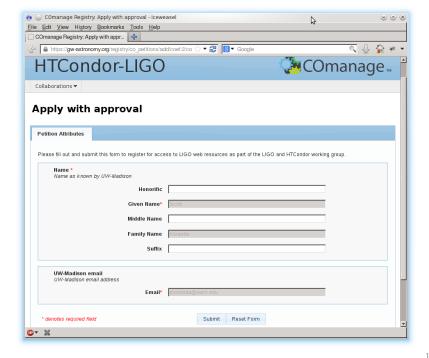




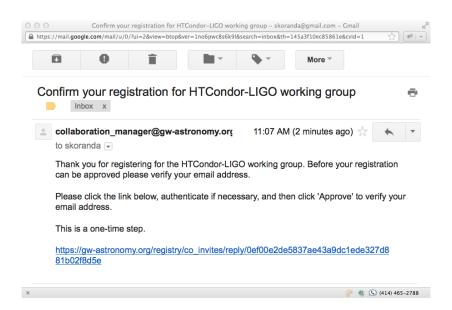


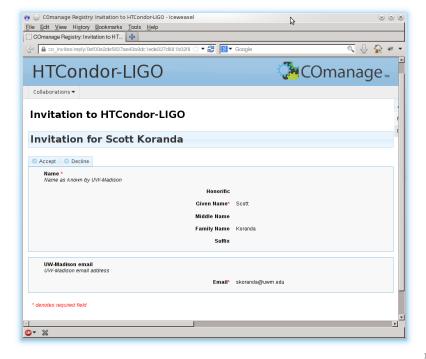




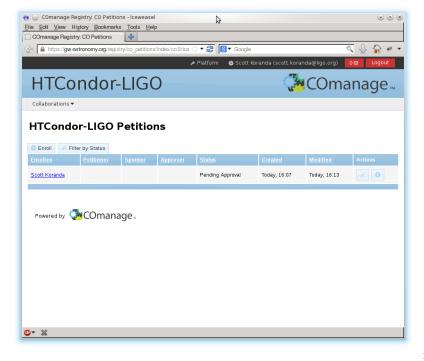


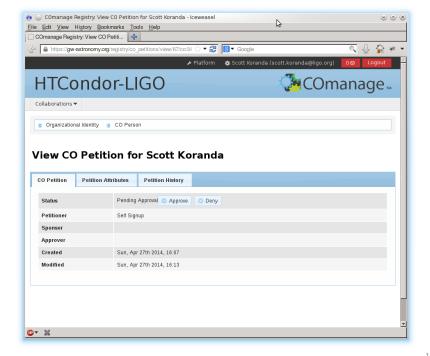


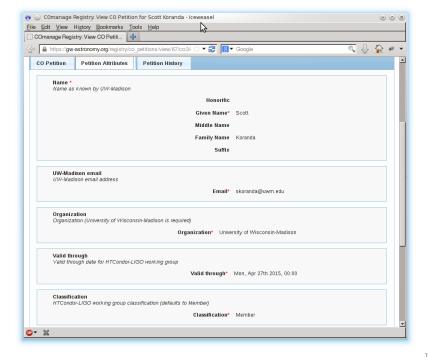


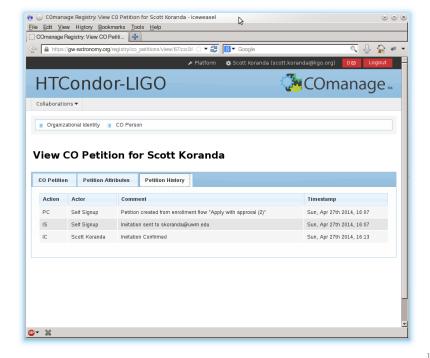


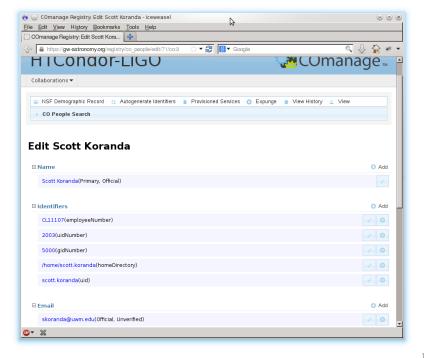


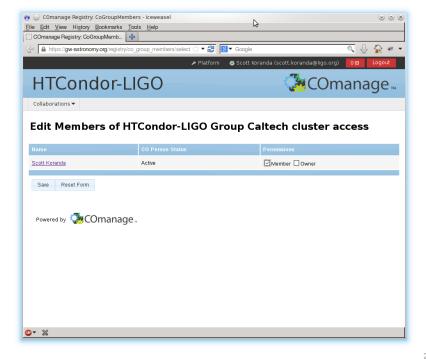


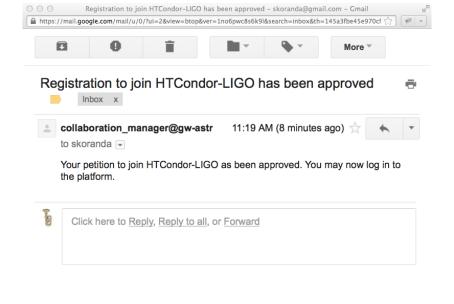




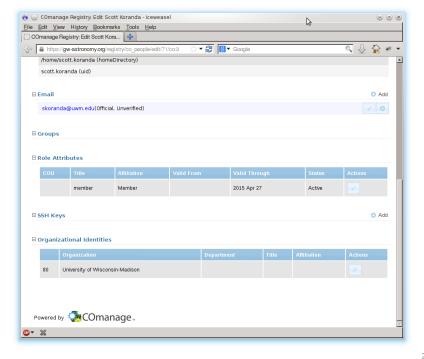


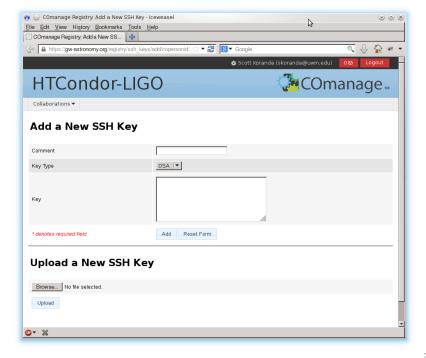


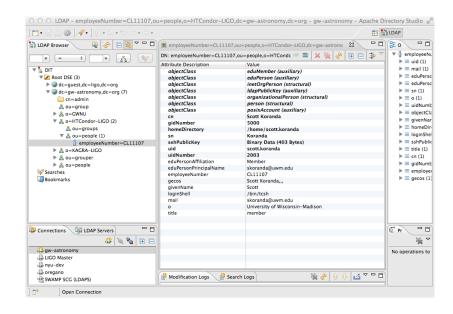


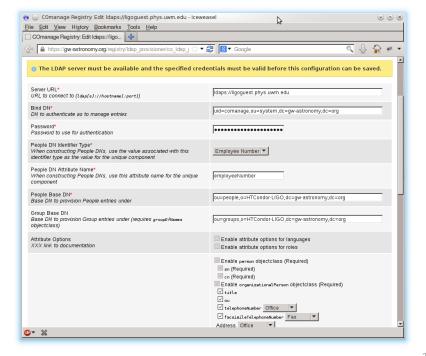


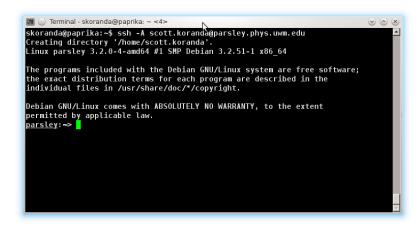
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## Questions for the community

- What enrollment flows do you need?
- ▶ What other identifiers (uid,gid,homeDirectory) do you need?
- How do you want to provision SSH keys?
- How do you want to provision home directories?
- How do you want to deprovision?
- Would HTCondor accounting group provisioning be interesting?

#### Status

- Release 0.8.5.
- ▶ Plan 1.0.0 release late summer, early fall.
- Extensible notification engine now in progress.
- Needs polishing and packaging.
- Best-effort community support.
- Paid design, deployment, and support available.
- LIGO is early adopter.
- ▶ Additionally, two hosted instances (including applications such as email lists and wikis) run by a vendor.

### More information

https://spaces.internet2.edu/display/COmanage/Home

pubsympa@internet2.edu subject: subscribe comanage-community

The mission: get more researchers computing.

Make it simple.

