

# **Release Management**

OSG Staff Retreat 2016

Tim Theisen

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# Staffing

Institution	Person	FTE	Notes
UW-Madison	Tim Theisen	0.5	Release Manager
UW-Madison	Brian Lin	0.5	
U of Chicago	Suchandra Thapa	0.5	Tests on their own ITB Site
BNL	Xin Zhao	0.4	Tests on their own ITB Site

# Key Accomplishments

- Regular Release Schedule
  - Others can make plans (OSG CA Migration)
- Flexibility when needed
  - Nearly weekly releases late November to mid December
    - Support early release of OSG CA
    - Fix critical problems
- No High Priority Releases this year

# Key Accomplishments (cont.)

- Closer coordination with HTCondor Team
- Beta testing HTCondor
  - Win-Win
    - Found problems in HTCondor before release
    - Made adjustments in OSG Software Stack before release
- ITB Site Deployed in Madison
  - Instrumental in testing EL7 worker node software
- Maintained relationships with sites/technology leaders for external testing when needed

# Issues and Lessons Learned

- Incomplete testing (issue from last year)
  - Record tests and results in ticket and have it reviewed by the Release Manager
- One incomplete release
  - Software was tested but not released
    - Tighten up adherence to release procedure
    - Add automated cross-check before release.
- Tickets returned for rework within release cycle
  - 10% last year, 5.6% this year
  - Software Team is doing a better job

# Year 5 Plans

- Continue Routine Work
  - Testing and Releasing Software
  - Tracking defects discovered
  - Recording tests and results
- Madison ITB
  - Utilize in whole system testing
  - Get more staff involved
  - Test HTCondor Release Candidates
  - Add job pressure
  - Add storage (StashCache?) as well? (lower priority)