

Peak Load Test (March 21, 2014)

Test Results

(A) Test Profile

- There are always 30 unique users active in the test during the 7 hr test run, consisting of 28 Reporters & 2 Reviewers.
- 459 Reporter Users are processed.
- Workload rate is ~ 65 COI report submits/hr, 1 file attachment upload/hr
- Arrival rate of 1 new user every 20 secs at beginning of test.
- Size of uploaded file = 895 KB, filename = "DUnivDoc<1-999999>"

(B) Test Environment

- Web/App Srv (cf086.serverfarm.cornell.edu)
- DBSvrs (oxton110), DB (raistest)
- Fedora Server (dev)

(C) Comparison Criteria Results

Criteria	Sub Detail	2014 Release	2013 Release
Avg Response Time (select pages of interest)	Reporter: (02) Initial Access	1.4 sec avg	2.0 sec avg
	Reporter: (05) Upload Attachments	2.5 sec avg	14.8 sec avg
	Reporter: (24) Submit Report	0.5 sec avg	0.4 sec avg
	Reviewer: (51) Initial Access	2.6 sec avg	4.1 sec avg
	Reviewer: (52) Submit Report Status	3.8 sec avg	5.0 sec avg
Requirements	Percent Page VPs Passed >= 99%	100%	99.9%
	85th Percentile Response Time for all pages <= 3 secs	Pass	Pass
	90th Percentile Response Time for all pages <= 4 secs	Pass	Pass
	95th Percentile Response Time for all pages <= 5 secs	Pass	Pass
Reporter: Total # of Reporters (Processed to End)		459	468
Reporter: Num of Reports Submitted Successfully		459	466
Reporter: Num of Attachments Uploaded		15	15
Reviewer: Num of Report Review Attempts		344	526

Note 1: Data is from Load Tool Report tab = 'Performance' and 'AppCustom'.

(D) Comments:

- Test Verdict: Pass (no significant issues seen in test results or OEM monitoring)
- Config change to COI CF 'post parameter limit' paramter to value=3000 resolved previously discovered load limit before this run was initiated.
- Only one HTTP 500 error occurred during Reviewer Approval which was non-affecting to moving report to status "No Conflict Exists".

Error Details: [Reviewer-as529_Failed_COI_Document_ReviewApproved-sav.html](#)

(E) Load Tool Report

Year 2014

http://quilty02.cit.cornell.edu/RPT_Runs/COI/03-21-14_7hr/Sched5_COI_Reporters_Reviewers_v1-Run30_7hr_March-21-14_7-08PM.html

Year 2013

http://testtoolsvm1.cit.cornell.edu/RPT_Runs/COI/01-16-12_30User_7hr_66repshr/Sched3_COI_Reporters_Reviewers_v1-Run30_7hr_Jan-16-13_5-59AM.html

(F) Attachment - Profile data from COI production activity to build test profile.

[Load Stats - sorted by day.docx](#)