

Test 1, Apr-21-15 (Baseline Test)

Test Type (Baseline Test)

Note 1: Baseline test runs at a low load level, as a sanity test of, P90 Piscataway env, load scripts, & test data, and to set the initial benchmarks.

(A) Test Profile

- 3 Apache/Weblogic servers
 - 4 Application servers
 - DB P90SCOR
1. **Profile:** 3350 students, 1 students/2sec arrival rate create ~ 100 concurrent users.
 2. **Profile:** No 1500 advance sign-in at 6/sec, then enrollment is enabled.
 3. **Profile:** Spring 2015 Pre-Enrollment term.
 4. **Profile:** See high-level setup requirements in Confluence for additional information.

(B) General Kernel or Linux config of interest

- unused at the current time - for team to uniquely identify a test for future reference
- (when important, David B. and Tim C. provides Andy to record)

(C) WebServer (apache/weblogic) config of interest

- unused at the current time

(D) AppServer config on interest

- unused at the current time

(E) DB config on interest

- unused at the current time

(F) Comparison Criteria Results

Criteria	Sub Detail	Value	Comments
Avg Response Time			
<= 3.5 secs	Student Center (03)	2.3 secs	Pass
<= 3.5 secs	Class Schedule (04)	1.7 secs	Pass
<= 1.5 secs	Input Class (06)	0.2 secs	Pass
<= 2.5 secs	Finish Enroll (09)	0.8 secs	Pass
<= 30 secs	Finish Enroll (wine)	0.8 secs	Pass
Resp Time Percentile Requirement	All Pages 85% <=	6 secs	Pass
	All Pages 90% <=	8 secs	Pass
	All Pages 95% <=	10 secs	Pass
Expected Enrolled Classes	3350 students, 6 classes,	20,100	
Actual (RPT) Enrolled Classes	>= 99.75%	20,098	Pass
Actual (DB) Enrolled Classes	>= 99.75%	20,098	Pass
Known Acceptable Errors		2	Already Enrolled
Errors, Missing or Unknown	(<=50)	0	Pass
Searches Pass	>=98%	2,109	Pass
Searches Fail		0	

Page Title % Verification	All Pages >= 99%	100%	Pass
Page Element % Verification	All Pages >= 98%	100%	Pass
HTTP 500 errors	= 0	0	Pass
Finish Enroll errors (COBOL or DB)	= 0	0	Pass

Comments:

- Page Title Verification = 100%, Pass.
- Page Element Verification = 100%, Pass
- Response Time Percentile Requirements: 3 Pass, 0 Fail
- No HTTP 500 errors, No Finish Enroll errors.

Load Tool Report

http://testtoolsvm2.cit.cornell.edu/RPT_Runs/CourseEnroll/PS_to_ATT/P90/04-21-15-Baseline-Hformat2/Sched_6classes-T0_v1_Apr-21-15_1-26PM.html

(Note: Graphs in link above will display a bit better in IE or Firefox vs.Chrome)