Mind-Alliance Performance Test Report

Date: October 21, 2011

Hardware and Software details:

Environment	Parameter	Value
Channels	Hardware	Processor: Intel C2D@2.66Ghz Memory: DDR2- 4GB Motherboard: DG31G Hard Disk: 250 Gb
	Software	OS – Ubuntu Server 10.10
Load Machine Details	Hardware	Processor: Intel Core i3 CPU@3.02Ghz Memory: DDR3- 3GB Motherboard: DH55TC Hard Disk: 250 GB
	Software	OS – Windows 7 Professional

Test Overview:

Test was conducted using JMeter for following scenarios with load details.

Sr. No	Scenario	Load (Thread)
1	Information Sharing Guidelines For Participants: - Create Segments with agent and task details and verify that each task is assigned to agent /user	20

Load Details:
Total No of Threads (Users): 20

JVM size (Heap):

Parameter	Ubuntu server	Load machine (Increased for Jmeter)
Min	4096m	4096m
Max	4096m	4096m

Summary:
Refer attached files with this report for summary of tests conducted.

Observation:
  • During test CPU utilization was between 1-1.5%.

- Observed that for few requests Std. deviation was above 2 sec (Refer SummaryReportFor20ParticipantsThreads.ods file)
- Some test executed and Failures like Resources not found was observed while test execution for few test.

Please refer following files for more statistics.

Sr. No.	File Name	Comments
1	SummaryReportFor20ThreadsOfParticipants.ods	Contains information about response time, stddev and throughput etc.
2	ResultStatusFor20ThreadsOfParticipant.ods	Status of each request with respect to thread (user).
3	Channels.log	Channels log
4	PerformanceCounterReportFor20ThreadsOfParticipants.ods	CPU, Memory and IO etc. performance counter.