2019

dotCMS Enterprise Performance

dotcms

Overview

Summary

dotCMS is an Enterprise Open Source Web Content Management System that has been engineered to scale both horizontally and vertically. **To demonstrate the scalability of the dotCMS platform, dotCMS engineers designed a test to benchmark various content delivery components of the dotCMS Enterprise system.** As a baseline, dotCMS engineers performed the benchmark tests on untuned dotCMS Enterprise instances running on modern server hardware. Next, because of the significant interest in cloud technologies, the dotCMS engineering team performed an extensive round of performance testing on an untuned dotCMS Enterprise running on all levels of Amazon's Elastic Cloud platform, both as a single server and running in a clustered configuration. Finally, dotCMS engineers benchmarked of the performance dotCMS using the new page cache, available on dotCMS 1.9.2 on the physical hardware and on the clustered Amazon instances.

Goals

- **Determine if dotCMS provides vertical** (improves as the hardware improves) **and horizontal** (improves as more servers are added to a dotCMS cluster) **scalability.**
- **Determine maximum traffic and average response times** of dotCMS running on various Amazon EC2 offerings.
- **Determine how dotCMS's performance differs** running on physical hardware v. running on Amazon's EC2 offerings.
- **Determine the performance benefits** of dotCMS's Enterprise 1.9.2 new caching mechanism, the Page Cache.

Findings

01. A single dotCMS Instance, running on a physical server,

can serve over 4,600 authenticated page views a sec.

(average across a number of page types) with average response times of ~.02 seconds. These numbers are taken from a multitude of real world page types, files and templates. **This translates to 11,923,200,000 page views a month**[1] **.**

02. dotCMS Enterprise scales both vertically and horizontally. Pages served increases linearly as additional servers are added to a dotCMS cluster even as response times decrease.

03. dotCMS Enterprise will

run effectively on all levels of Amazon's EC2 offerings,

though as expected the larger instance sizes offer better performance.

04. dotCMS performs better on Amazon's High CPU offerings than on Amazon's High Memory instances.

05. dotCMS Enterprise

runs 250% faster on physical hardware

vs. on a comparable Amazon EC2 virtual server.

06. dotCMS page caching increased performance by **more than 400% for both page delivery speeds and response times.** Page caching enables content managed pages to be served at better than static speeds.

About the dotCMS Enterprise Platform

dotCMS is a leading J2EE Open Source Web Content Management System. Build from the start as a Web Content Management system, the

dotCMS platform offers class

leading ease of use, performance & scalability built on top of a multi-tenant architecture.

dotCMS comes in three editions, each with specific features designed for organizations and institutions of various scale and performance needs. dotCMS offers training, customization and long term support on the Enterprise versions of dotCMS. Figure 1 below is a chart describing the features related to performance for the three editions.

For a full list of feature differences, **See More >>**

Different versions of dotCMS

dotCMS Versions	Cloud	Enterprise	Community
Term	Subscription	Annual	FREE
Users	Unlimited	Unlimited	Unlimited
Workflows	Unlimited	Unlimited	1
Channels/Sites	Unlimited	Unlimited	Unlimited
Content Types	Unlimited	Unlimited	Unlimited
Records	Unlimited	Unlimited	Unlimited

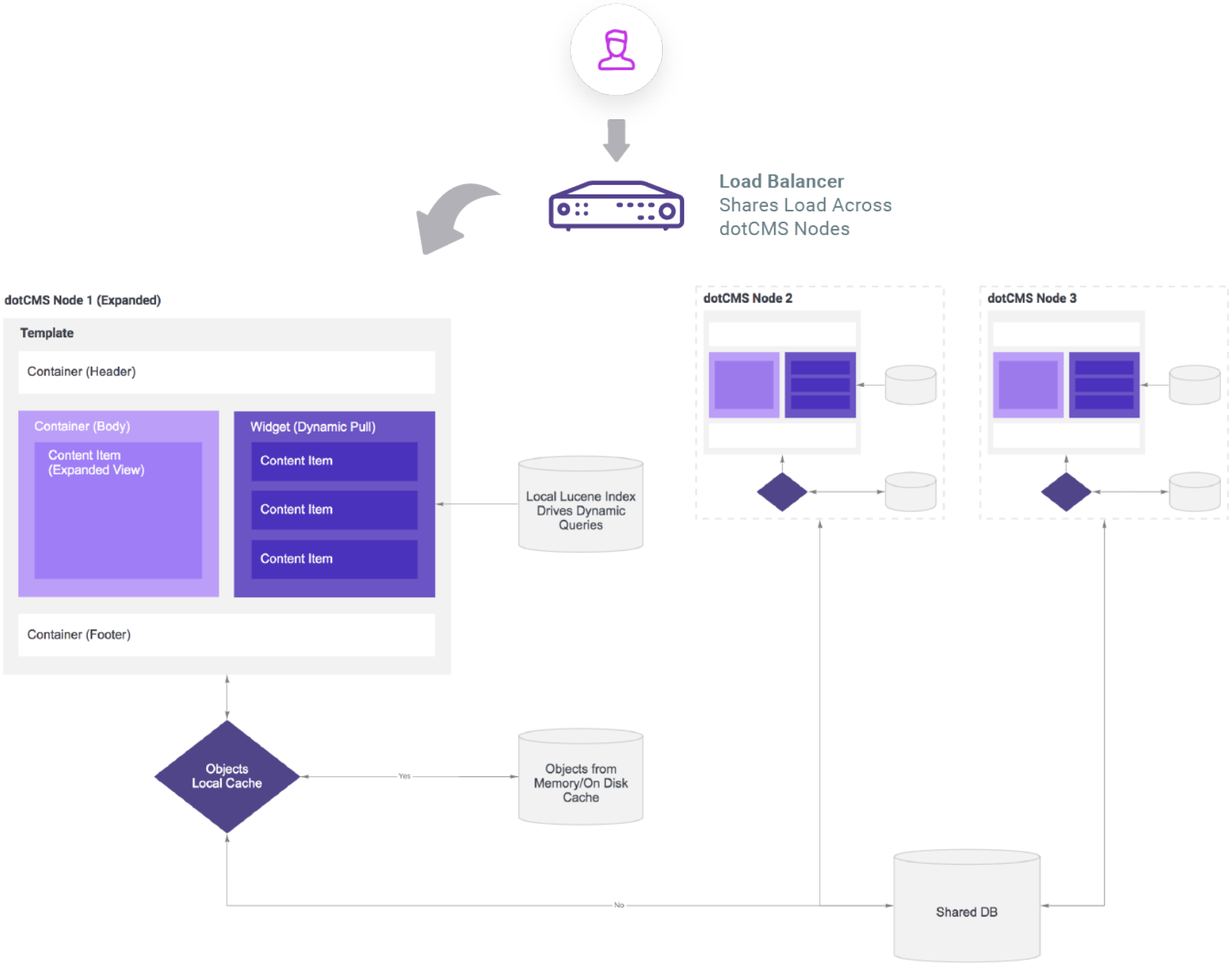
Shared Nothing Page Rendering

dotCMS is engineered to

serve dynamic, content driven pages without relying on a single point of failure such as a shared database.

In order to drive dynamic pages, the system uses in-memory and on-disk object caching and an on-disk Lucene index. Each node in the cluster maintains an individual copy of the the index and cached objects. When compositing a page that has been initially loaded, the dotCMS system queries the object cache and Lucene to build/serve the page and all related content objects based on the users permissions.

In fact, the database can be shutdown and pages - even dynamic ones- will still render (this is not recommended, just illustrative). In order to maintain state across a cluster, dotCMS invalidates caches and updates indexes across each node in a cluster when an object or piece of content is updated in the system. See figure 2 for an diagram of how pages are composited in dotCMS.


Load Balancer
Shares Load Across
dotCMS Nodes
dotCMS Node 1 (Expanded)
Template
Container (Header)
Container (Body)
Content Item
(Expanded View)
Widget (Dynamic Pull)
Content Item
Content Item
Content Item
Container (Footer)
Local Lucene Index
Drives Dynamic
Queries
dotCMS Node 2
dotCMS Node 3
Objects
Local Cache
Yes
Objects from
Memory/On Disk
Cache
No
Shared DB

On Benchmarks & Concurrent Users

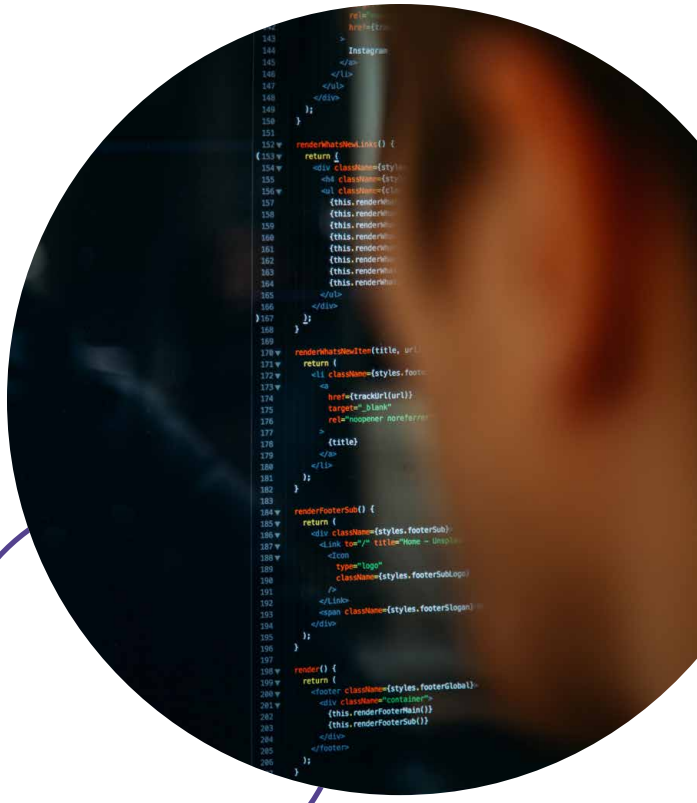
There are multiple definitions of “concurrent users”, some of which are designed to inflate performance numbers or to prove particular data points. Vendors often define a

“concurrent visitor” as someone who clicks on a link (page request) once in X seconds, X often being a number between 8 and 30.

This allows a vendor to translate a hard number, such as pages served per second to a softer, more impressive statistic. For example, i**f a system can deliver 1000 pages in a second, and concurrency is defined as 1 visitor clicking every 25 seconds,** then it can be claimed that such as system can serve 25,000 concurrent users, a much more impressive number. Additionally, **some vendors present benchmarks of unrealistic pages or templates, made up of static, non-permissioned or limited content,** which again can influence numbers upwards.

We have chosen to present our data on currency as “hits per second”,

which can be read as “simultaneous filled requests per second” or “”transactions per second”. **We have performed our tests on the pages of the starter site included with dotCMS, all of which are dynamic, update instantly when published and use a representative number of widgets and tools that would be found on most dotCMS implementations,** including dynamic content pulls, URLMaps, dynamic menus, Twitter integration, etc.



To compare our results to the more nebulous “concurrent users” metric, one can **multiply our strongest page results by the time in seconds between clicks assumed in the various definitions of “concurrent users”.**

For example dotCMS, running on hardware, can serve specific pages at 9,178 requests per second. This results was seen for the landing page: /products/. Assuming a concurrent user clicks one link every 20 seconds, this translates to the somewhat misleading statistic that a single dotCMS instance can support 183,560 concurrent users.

As a general rule, one can assess a site’s needs with regards to traffic by looking at a 1 minute slice of page view data from server log files, sampled from the heaviest spike of daily traffic. Divide that number by 60 to get requests per second and multiply the result by expected traffic growth over the next n years (or use your traffic trends). If you wish, you can multiply again by any desired percentage performance improvement you would wish to achieve. The resulting number can give you a fairly reasonable measure of your concurrent (requests per second) needs moving forward.

This boils down to the following:

(page views in heaviest minute * expected % growth over 3 years * desired % performance improvement) / 60 = requests per second.

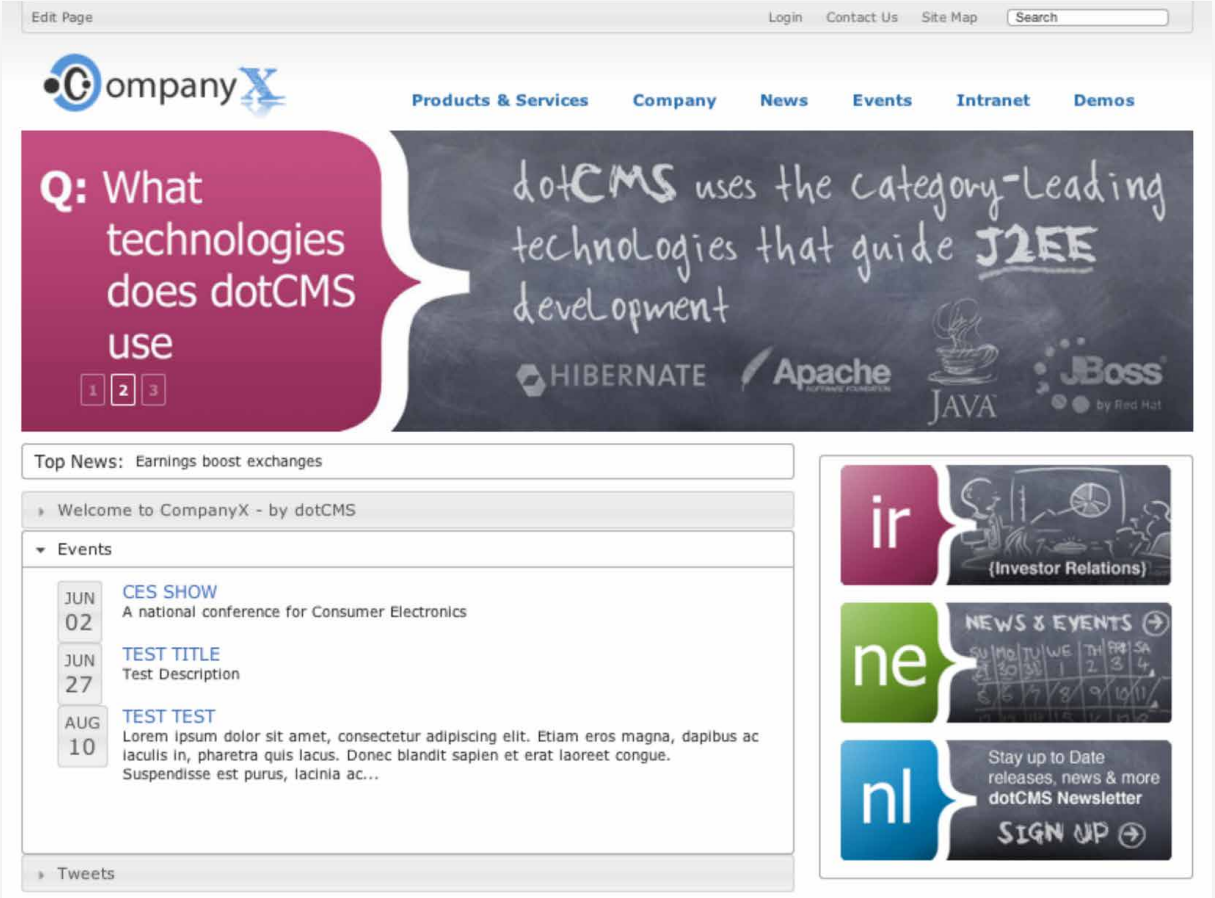
Methodology

The Test

For our test, we used the dotCMS “Starter Site”, which is included by default when dotCMS is initially installed.

The “Starter Site” is intended as a real world demonstration website that incorporates a number of dynamic elements

including dynamic content pulls, automatic menu generation, interactive widgets and twitter integration - things found on nearly every dotCMS powered site[2] . All pages and content on pages are “Authenticated” in dotCMS - meaning they only show based on the permissions the viewing user has - **in the test case the user is unknown and so is granted the public “CMS Anonymous” role.** The fact that all files and content objects obey permissions at all times in dotCMS is important when comparing benchmarks to other systems.



Starter Site used for the test.

dotCMS employed a load testing tool called Siege to measure performance characteristics of the dotCMS platform.

Siege is able to test transaction rates, failure levels, response times and throughput of web applications & allows such tests to be performed with a varying degree of concurrency.

Using Siege, we benchmarked each server configuration for 40 minutes which was made up of testing pages and assets in dotCMS a minute apiece, at increasing concurrency levels of 10,25,50,100 and 200 visitors.

Each of the following URLs were tested at each level of concurrency:

- http://testserver/
- http://testserver/products
- http://testserver/news/konakart-and-dotcms-join-forces-to-create-cms-driven-e-commerce
- http://testserver/events
- http://testserver/company
- http://testserver/products/research1
- http://testserver/html/file.out
- http://testserver/test/file.out

When testing the cluster, round robin dns was used to force the test tool to spread the load across each of the servers equally. For more information on the scripts used for these tests, see the Appendix.

Single Server: Amazon's EC2 Instances

In order to provide reproducible results, dotCMS leveraged Amazon's EC2 to benchmark the vertical and horizontal scalability of dotCMS. **dotCMS performance was measured on each of the following Amazon Instance types**[3] **:**

01. Small Instance: 32bit, 1.7GB memory

02. Medium High CPU Instance: 32bit, 1.7GB memory

03. Large Instance: 64 bit, 7.5GB memory

04. Large High CPU Instance: 64 bit, 7GB memory

05. Extra Large Instance: 64 bit, 15 GB memory

Each Amazon EC2 instance were configured with the following:

Amazon dotCMS Setup

- Ubuntu Linux 10.04.2 LTS 64 Bit (32 bit version used on small instances) Instance Store Storage (not an EBS volume)
- dotCMS 1.9.2 Enterprise
- PostgreSQL 8.4
- Sun Java 1.6.0_22-b04 64 bit Server VM (32 bit version used on small instances) with 1 GB memory
- DB Connections: 300
- Tomcat Threads : 175

Amazon Test Client Setup (same availability zone)

- Ubuntu 10.04.2 LTS 32bit
- siege 2.71b5
- Siege Script - See Appendix

Single Server: Physical Hardware

Additionally, in order to measure dotCMS performance on hardware and the performance variability of Amazon's instances,

dotCMS ran the same test scripts using the physical hardware.

To control for configuration differences between the physical server and the Amazon instances, we used the exact same software configuration.

The sever chosen is representative of a standard modern web application server, with the following configuration:

Physical Server dotCMS Setup

- 2 x INTEL WESTMERE 4C XEON 2.40GHZ
- 4 x 1TB 300M SATA RAID 10
- 3Ware Raid Card 9650SE-4LPML
- 32GB RAM on server
- Ubuntu 10.04.2 LTS
- dotCMS 1.9.2 Enterprise
- PostgreSQL 8.4
- Sun Java 1.6.0_22-b04 64 bit Server VM
- DB Connections: 300
- Tomcat Threads : 175

Physical Server Client Setup

- Ubuntu 10.04.2 LTS 64bit
- siege 2.71b5
- Siege Script - See Appendix

The client and server were connected through a 1GB switched network. For reference, we re-tested this configuration with Java set to use 4GB (-Xmx4096M) of server memory instead of the default 1GB Memory.

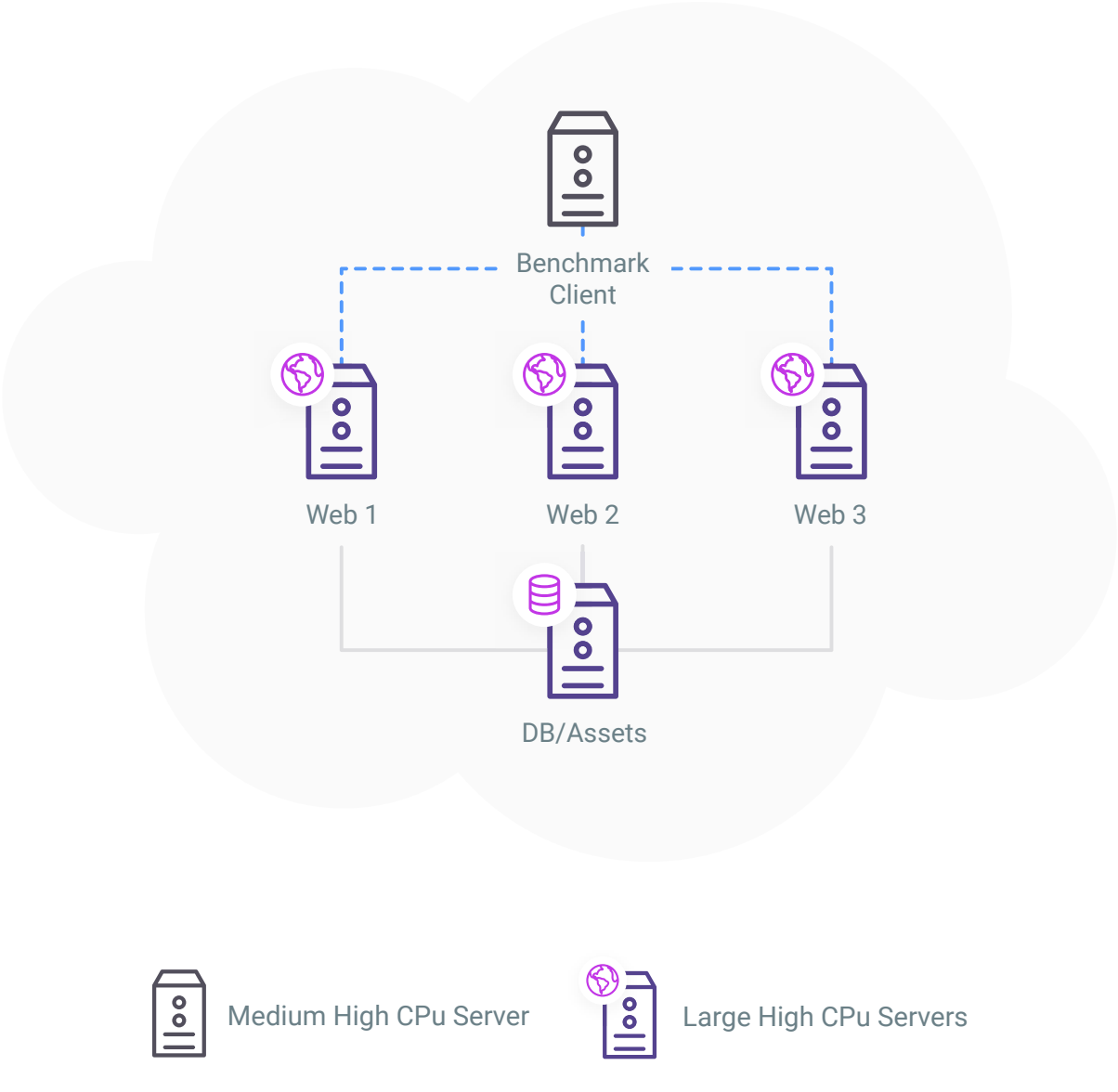
Page Caching

A final run was performed on physical hardware to test the performance benefits of the Page Cache. The test script was re-run on the test platform as defined above, the only difference being that the page cache was set to cache pages for 10 minutes.

Cloud Cluster: Amazon's EC2

Finally, to asses dotCMS's horizontal scalability, dotCMS created a clustered configuration on Amazon's EC2 environment. This consisted of 4 Large High CPU Instances, 3 app servers and 1 database/shared storage server. For ease of setup and to reduce variables, we chose to use round-robin DNS to distribute the load rather than another server acting as a load balancer. The cluster was configured using a 2 tiered architecture that consists of the following configuration.

Each Web Application Server is running dotCMS Enterprise and using the database/asset store collectively. Tomcat was configured to use 4GB of RAM. The cluster configuration was tested with one server, with 2 servers and finally, with 3 servers to demonstrate the horizontal scalability of the dotCMS Enterprise Platform. The asset store was connected to each node in the cluster via a NFS 4 export.



Cloud Cluster: App Servers:

- Large High CPU instance type, same availability zone.
- Ubuntu Linux 10.04.2 LTS 64 Bit
- Instance Store Storage (not an EBS volume)
- dotCMS 1.9.2 Enterprise
- Sun Java 1.6.0_22-b04 64 bit Server VM
- DB Connections: 500
- Tomcat Threads : 400
- -Xmx 4GB
- NFS4 mounted assets directory

Cloud Cluster: Database/NFS Server

- Large High CPU instance type, same availability zone.
- Ubuntu Linux 10.04.2 LTS 64 Bit
- Instance Store Storage (not an EBS volume)
- PostgreSQL 8.4 configured with 1500 max connections
- NFS4 Kernel Server, exporting assets directory

Cloud Cluster: Test Client Setup

- Medium High CPU instance type, same availability zone.
- Ubuntu 10.04.2 LTS 32bit
- siege 2.71b5
- Siege Script - See Appendix
- Bind 9 configured to round robin **http://demo.dotcms.com**

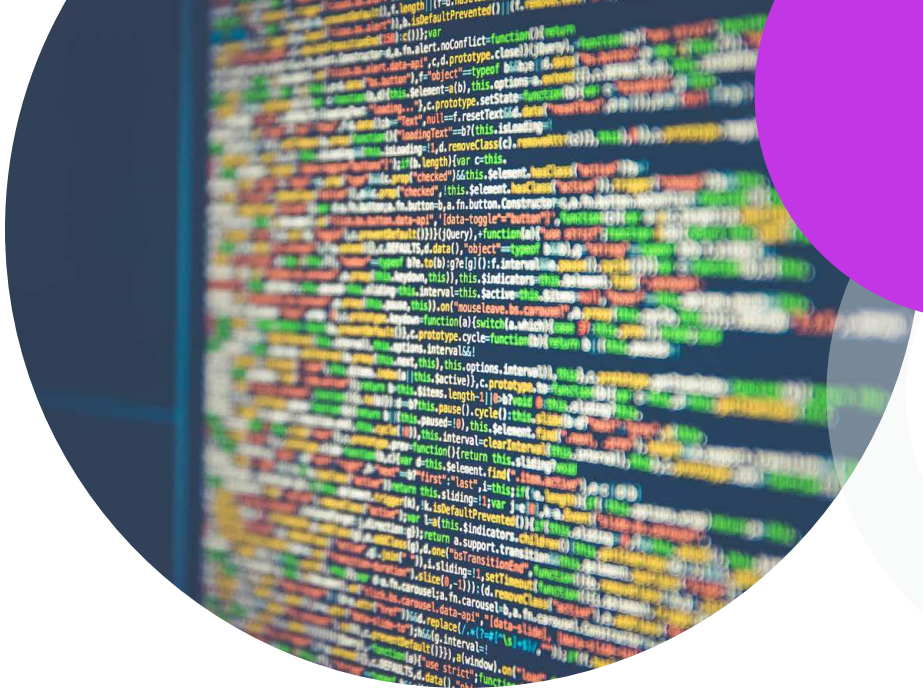
Cloud Cluster: Page Caching

dotCMS 1.9.2 Enterprise introduces two new caching technologies - the Page Cache and the Block Cache[4] . For the purposes of exploring the benefits of the Page Cache, dotCMS re-ran the tests on the EC2 cluster, with 1, 2 and finally 3 servers in the cluster. The only difference between this and the original cluster testing was the fact that the Page Cache was enabled and set to cache pages for 10 minutes in these tests.

The Page cache can be configured to **cache the rendered results of any page for a given number of seconds on a page by page basis.** The page cache takes a variety of variables into consideration before sending the cached page, including whether the user is logged in, what language they are viewing, any url parameters etc; the Page Cache is smart enough not to send stale results when dynamic results are called for.

Results


Space Usage
375 Mb
used
280 Mb
available
Who is your audience and what are their needs? This can help you better articulate the benefits of doing business with you and deliver a smarter product or service.
Interactive User
1,505
18,321
Realtime Dashboard
Marketing Chart
31.25%
43.75%
38.50%
41.25%
44.50%
50.25%
Target
delete



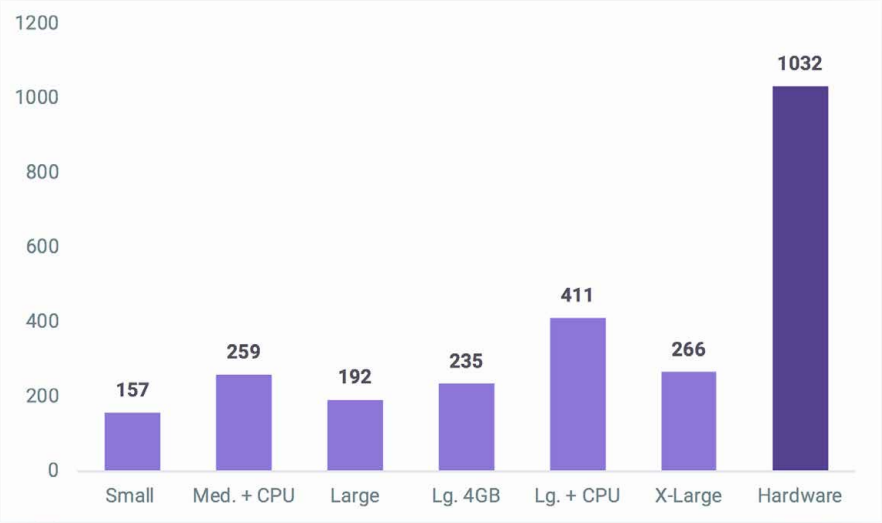
Single Server: Amazon's EC2 Instances

Table 1 is a summary of the performance of dotCMS on the various Amazon Instance Types. Across all instance types and page / asset types, without caching, the mean time for page and asset delivery stays **below an acceptable 2 sec mark** though there is significant variability based on instance type.

It is interesting to note that **dotCMS performs better on the high CPU instances rather than the high memory instances.** Two tests were run on the large instance - one with the default 1GB memory setting and one using 4GB of memory, which resulted in a performance gain of roughly 21%. Measuring concurrency as 1 page view every 20 seconds, a Large High CPU instance can sustain 8,220 concurrent authenticated visitors while maintaining a mean sub 250ms response times running as a completely dynamic web platform. This means that all content permissions were respected, menus were dynamically generated, dynamic content pulls (e.g. latest news stories) were populated at page render time.

The performance benefits of statically caching the dynamic page will be explored in a later section.

Pages Hits per Second on Amazon's Instances



Average Response Times with Variability of 1σ

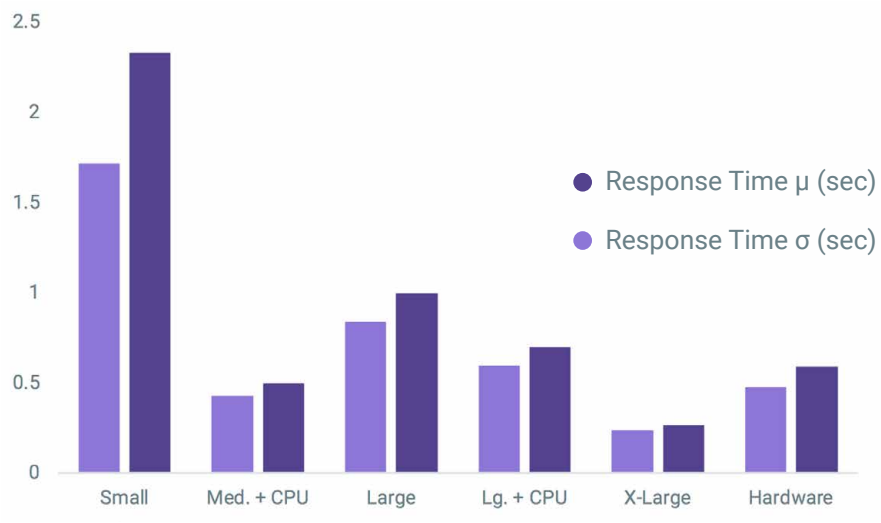


Table 1: 40m test of dotCMS on Amazon's Instances

Amazon Instance	Total Hits	Hits per Second	μ Reponse Time (sec)	σ Reponse Time (sec)	Throughput (MB/sec)	Availability
Small	377,859	157.48	1.72	2.33	6.34	99.14%
Medium - High CPU	622,565	259.2	0.43525	0.5	8.444	99.9729150%
Large	461,676	192.407	0.84825	1	7.10525	99.7767088%
Large - Xmx 4GB	562,563	234.55275	0.6075	0.7	8.57425	99.9771526%
Large - High CPU	985,637	411.02125	0.2445	0.27	12.5605	100%
X - Large	637,732	265.899	0.4865	0.59	9.12775	100%

Single Server: Physical Hardware

Table 2 is a summary of the performance of dotCMS running on a single physical server. Three runs were performed, one with the default configuration, one with the memory configuration changed to use 4GB of server memory, which resulted in a 12% gain in performance, and finally one with the Page Cache turned on for the content pages. With 4GB allocated to dotCMS, dotCMS could serve 2,399 simultaneous requests while maintaining 100% availability and sub 600ms response times for 95% of users. Measuring concurrency as 1 page view every 20 seconds, a single physical server running dotCMS can sustain 47,980 concurrent visitors running as a completely dynamic, authenticated web platform. Dynamic web platform means that all content permissions were respected, menus were dynamically generated and content pulls (e.g. latest news stories) were populated at page render time. Comparing the performance of dotCMS on physical hardware to running on Amazon's offerings, we can see that dotCMS runs roughly 250% faster on physical hardware than on Amazon's Large High CPU instance.

Page Caching

For the final run, to demonstrate the effectiveness of the the page cache included in dotCMS 1.9.2, the test was run against a server in which all pages were cached for 10 minutes. As the numbers show, the page cache increased doubled concurrency and improved overall performance by a factor of 5, while decreasing response times - serving pages at static speeds.

Pages per Second on Physical Hardware

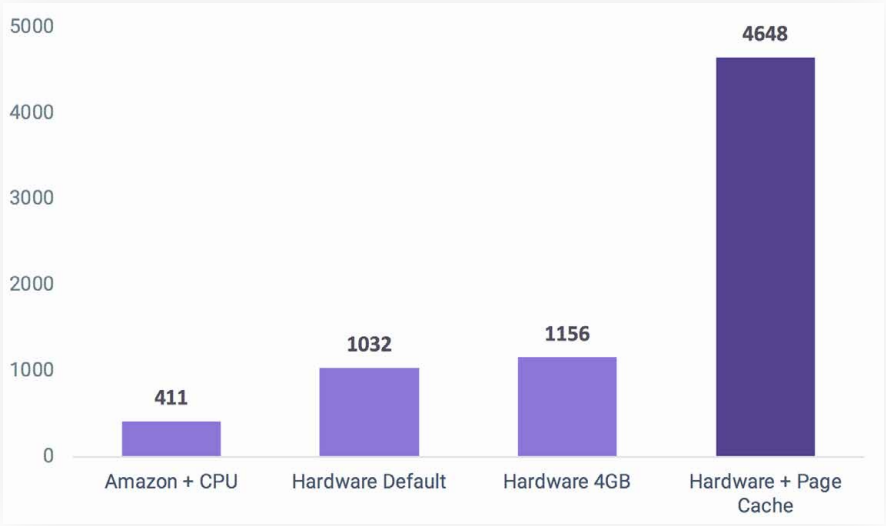


Table 2: 40m test of dotCMS on Physical Hardware

Physical Hardware	Total Hits	Hits per Second	μ Reponse Time (sec)	σ Reponse Time (sec)	Throughput (MB/sec)	Availability
-Xmx 1GB	2,475,632	1,032	0.11	0.13	32.83	100%
-Xmx 4GB	2,772,761	1,156	0.09	0.10	34.97	100%
-Xmx 4GB / Page Cache	11,076,920	4,618	0.02	0.02	84.34	100%

Cloud Cluster: Amazon's EC2

Table 3 shows the performance of a dotCMS cluster, running on Amazon's EC2. Because each server in a dotCMS cluster maintains its own cache and content index and does not rely on the database to render a dynamic page, the cluster's performance increases at a linear rate as more servers are added to the cluster.

Additionally, as performance increases, response times and response time variances decrease, all while maintaining 100% availability. File performance - where dotCMS serves a file from the dotCMS file store, was bound by the network performance of using NFS as a shared asset repository. If file performance is controlled for, a dotCMS installation sees an almost perfect linear increase in page performance.

Table 3: 40m Test of dotCMS Cluster on Amazon's Cloud

Amazon Large High CPU	Total Hits	Hits per Second	μ Reponse Time (sec)	σ Reponse Time (sec)	Throughput (MB/sec)	Availability
-Xmx 1GB	1,391,202	580	0.23	0.29	20.27	100%
-Xmx 4GB	2,132,436	889	0.08	0.09	25.57	100%
-Xmx 4GB / Page Cache	3,041,687	1,268	0.06	0.05	31.99	100%

Cloud Cluster: Page Cache

The same test as above was performed with the dotCMS page cache turned on and set to cache pages for 10m. Using the page cache resulted in performance gains over the baseline cluster of anywhere between 200% to 300% in total pages served. Additionally, response times and variability decreased as servers were added to the cluster.

Measuring concurrency as 1 page view every 20 seconds, a 3 server dotCMS cluster running on Amazon can sustain 53,280 concurrent authenticated visitors while maintaining a mean sub 300ms response times. Throughout the test, dotCMS maintained 100% availability with 0 reported failed transactions.

40m Test of dotCMS Cluster on Amazon's Cloud with Page Caching

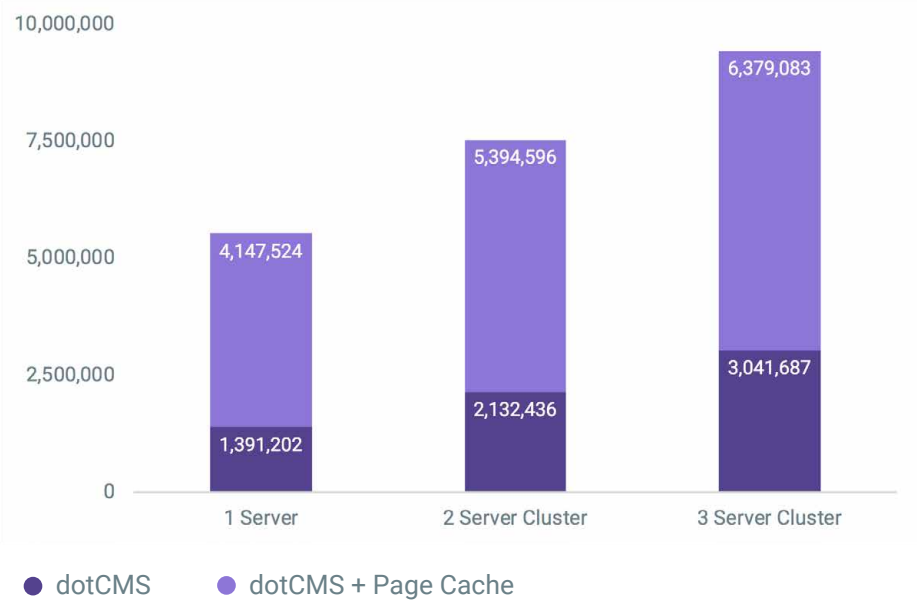


Table 4: 40m Test of dotCMS Cluster on Amazon's Cloud with Page Caching

Amazon Large High CPU	Total Hits	Hits per Second	μ Reponse Time (sec)	σ Reponse Time (sec)	Throughput (MB/sec)	Availability
1 Server + 1 DB	4,147,524	1,729	0.05	0.05	33.67	100%
2 Servers + 1 DB	5,394,596	2,249	0.04	0.04	46.18	100%
3 Servers + 1 DB	6,379,083	2,664	0.03	0.03	51.45	100%

Complimentary Evaluation Support

dotCMS offers a variety of tactics to test-drive and proof out your key use-cases around your personalization strategy. It is our investment and helps you to evaluate dotCMS effectively, way beyond shiny product demos and slick sales presentation.

More on our evaluation support
Here>>>

About dotCMS

dotCMS is a leading, open source content and customer experience management platform for companies that want innovation and performance driving their websites and other content-driven applications. Extensible and massively scalable, both small and large organizations can rapidly deliver personalized and engaging content across browsers, mobile devices, channels, second screens and endpoints -- all from a single system.

Founded in 2003, dotCMS is a privately owned US company with offices in Miami, Florida; Boston, Massachusetts and San Jose, Costa Rica. With a global network of certified development partners and an active open source community, dotCMS has generated more than a half-million downloads and thousands of implementations and integration projects worldwide. **Notable dotCMS customers include:** Telus, Standard & Poors, Hospital Corporation of America, Royal Bank of Canada, DirecTV, Thomson Reuters, China Mobile, Aon, and DriveTest Ontario.

Miami
3059 Grand Av.
Miami,FL,33133
U.S.A

Boston
200 Portland St.
Boston,MA,02114
U.S.A

Heredia, Costa Rica
Eurocenter
Primera Etapa, 2nd Floor
106 Heredia, Costa Rica

ON-DEMAND DEMO

dotcms.com

+1-305-900-2001

sales@dotcms.com

Appendix: Scripts & Data

Test Script

```
#!/bin/sh
siege=/usr/local/bin/siege
testHost=”x.x.x.x”
testTime=”1M”

url[0]=”/html/file.out”
url[1]=”/test/file.out”
url[2]=”/”
url[3]=”/products/”
url[4]=”/news/konakart-and-dotcms-join-forces-to-create-cms-driven-e-commerce”
url[5]=”/events/”
url[6]=”/company/”
url[7]=”/products/research1”

echo “host: ${testHost}”
echo “time: ${testTime}”
concur[0]=”10”
concur[1]=”25”
concur[2]=”50”
concur[3]=”100”
concur[4]=”200”

for i in 0 1 2 3 4 5 6 7
do

       for j in 0 1 2 3 4
       do
              echo “$siege -c ${concur[j]} -t$testTime -m url: ${url[i]}, concurrency:
${concur[j]} http://${testHost}${url[i]}”
              $siege -c ${concur[j]} -t$testTime http://${testHost}${url[i]} > /dev/null
       done
done
```

Raw Data

Small Instance

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 5, 2011 4:22 PM	36535	59.92	1783	0.02	609.73	29.76	9.96	36535	0	100%
25	/html/file.out	Feb 5, 2011 4:23 PM	37716	60.00	1841	0.04	628.60	30.68	24.87	37716	0	100%
50	/html/file.out	Feb 5, 2011 4:24 PM	37301	59.99	1821	0.08	621.79	30.36	49.89	37301	0	100%
100	/html/file.out	Feb 5, 2011 4:25 PM	37105	60.00	1811	0.16	618.42	30.18	99.41	37105	0	100%
200	/html/file.out	Feb 5, 2011 4:26 PM	36027	60.12	1759	0.33	599.25	29.26	197.03	36027	0	100%
10	/test/file.out	Feb 5, 2011 4:27 PM	21002	59.82	1025	0.03	351.09	17.13	9.98	21002	0	100%
25	/test/file.out	Feb 5, 2011 4:28 PM	21327	59.99	1041	0.07	355.51	17.35	24.95	21327	0	100%
50	/test/file.out	Feb 5, 2011 4:29 PM	21577	59.99	1053	0.14	359.68	17.55	49.92	21577	0	100%
100	/test/file.out	Feb 5, 2011 4:30 PM	21504	59.99	1050	0.28	358.46	17.50	99.65	21504	0	100%
200	/test/file.out	Feb 5, 2011 4:31 PM	21161	59.98	1033	0.56	352.80	17.22	196.46	21161	0	100%
10	/	Feb 5, 2011 4:32 PM	1669	59.91	25	0.36	27.86	0.42	9.96	1669	0	100%
25	/	Feb 5, 2011 4:33 PM	1617	59.99	24	0.92	26.95	0.40	24.83	1617	0	100%
50	/	Feb 5, 2011 4:34 PM	1431	59.99	21	2.06	23.85	0.35	49.25	1431	0	100%
100	/	Feb 5, 2011 4:35 PM	1218	59.99	18	4.62	20.30	0.30	93.82	1218	0	100%
200	/	Feb 5, 2011 4:36 PM	1225	60.00	18	8.86	20.42	0.30	180.98	1225	0	100%
10	/products/	Feb 5, 2011 4:37 PM	3056	59.97	33	0.20	50.96	0.55	9.97	3056	0	100%
25	/products/	Feb 5, 2011 4:38 PM	3171	59.99	35	0.47	52.86	0.58	24.83	3171	0	100%
50	/products/	Feb 5, 2011 4:39 PM	2931	60.00	32	1.01	48.85	0.53	49.54	2931	0	100%
100	/products/	Feb 5, 2011 4:40 PM	2726	59.99	30	2.17	45.44	0.50	98.41	2726	0	100%
200	/products/	Feb 5, 2011 4:41 PM	2641	59.99	29	4.24	44.02	0.48	186.61	2641	0	100%
10	/news/konakart-and-dotcms-join-for	Feb 5, 2011 4:42 PM	1672	60.01	30	0.36	27.86	0.50	9.95	1672	0	100%
25	/news/konakart-and-dotcms-join-for	Feb 5, 2011 4:43 PM	1684	59.95	30	0.88	28.09	0.50	24.67	1684	0	100%
50	/news/konakart-and-dotcms-join-for	Feb 5, 2011 4:44 PM	1531	60.00	27	1.91	25.52	0.45	48.79	1531	0	100%
100	/news/konakart-and-dotcms-join-for	Feb 5, 2011 4:45 PM	1345	59.98	24	3.70	22.42	0.40	82.87	1345	29	98%
200	/news/konakart-and-dotcms-join-for	Feb 5, 2011 4:46 PM	1215	59.99	22	6.18	20.25	0.37	125.22	1215	86	92.92%
10	/events/	Feb 5, 2011 4:47 PM	895	59.96	15	0.66	14.93	0.25	9.92	895	0	100.00%
25	/events/	Feb 5, 2011 4:48 PM	895	59.99	15	1.64	14.92	0.25	24.54	895	0	100.00%
50	/events/	Feb 5, 2011 4:49 PM	848	59.99	14	3.35	14.14	0.23	47.40	848	0	100.00%
100	/events/	Feb 5, 2011 4:50 PM	746	60.00	12	4.15	12.43	0.20	51.62	746	51	93.16%
200	/events/	Feb 5, 2011 4:51 PM	694	59.99	11	10.03	11.57	0.18	116.01	694	126	81.84%
10	/company/	Feb 5, 2011 4:52 PM	5377	59.96	47	0.11	89.68	0.78	9.98	5377	0	100.00%
25	/company/	Feb 5, 2011 4:53 PM	7129	59.99	62	0.21	118.84	1.03	24.88	7129	0	100.00%
50	/company/	Feb 5, 2011 4:54 PM	7450	59.98	65	0.40	124.21	1.08	49.68	7450	0	100.00%
100	/company/	Feb 5, 2011 4:55 PM	7392	59.99	64	0.80	123.22	1.07	99.02	7392	0	100.00%
200	/company/	Feb 5, 2011 4:56 PM	7348	60.07	64	1.58	122.32	1.07	193.50	7348	4	99.95%
10	/products/research1	Feb 5, 2011 4:57 PM	3789	59.88	47	0.16	63.28	0.78	9.99	3789	0	100.00%
25	/products/research1	Feb 5, 2011 4:58 PM	3950	59.98	49	0.38	65.86	0.82	24.92	3950	0	100.00%
50	/products/research1	Feb 5, 2011 4:59 PM	3847	59.99	48	0.77	64.13	0.80	49.68	3847	0	100.00%
100	/products/research1	Feb 5, 2011 5:00 PM	3579	60.03	45	1.64	59.62	0.75	98.03	3579	0	100.00%
200	/products/research1	Feb 5, 2011 5:01 PM	3533	59.96	44	3.26	58.92	0.73	192.11	3533	0	100.00%
			377,859	**2,399.31**	**15,217.00**	**1.72**	**157.48**	**6.34**	**69.58**	**377,859**		**99.14%**
						2.33						

Medium xCPU

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	2/5/2011 3:32 PM	38012	59.05	1856	0.02	643.73	31.43	9.84	38012	0	100%
25	/html/file.out	2/5/2011 3:33 PM	36659	59.98	1789	0.04	611.19	29.83	24.88	36659	0	100%
50	/html/file.out	2/5/2011 3:34 PM	37176	60.02	1815	0.08	619.39	30.24	49.77	37176	0	100%
100	/html/file.out	2/5/2011 3:35 PM	36667	60.01	1790	0.16	611.01	29.83	98.91	36667	0	100%
200	/html/file.out	2/5/2011 3:36 PM	37418	62.25	1827	0.33	601.09	29.35	196.68	37418	0	100%
10	/test/file.out	2/5/2011 3:37 PM	24794	59.64	1210	0.02	415.73	20.29	9.99	24794	0	100%
25	/test/file.out	2/5/2011 3:38 PM	28345	59.99	1384	0.05	472.50	23.07	24.96	28345	0	100%
50	/test/file.out	2/5/2011 3:39 PM	31170	59.99	1521	0.10	519.59	25.35	49.91	31170	0	100%
100	/test/file.out	2/5/2011 3:40 PM	32886	60.00	1605	0.18	548.10	26.75	99.60	32886	0	100%
200	/test/file.out	2/5/2011 3:41 PM	33134	60.00	1617	0.36	552.23	26.95	197.47	33134	0	100%
10	/	2/5/2011 3:42 PM	6776	59.94	102	0.09	113.05	1.70	9.99	6776	0	100%
25	/	2/5/2011 3:43 PM	7792	59.98	118	0.19	129.91	1.97	24.97	7792	0	100%
50	/	2/5/2011 3:44 PM	7332	59.99	111	0.41	122.22	1.85	49.81	7332	0	100%
100	/	2/5/2011 3:45 PM	6720	59.99	101	0.88	112.02	1.68	99.08	6720	0	100%
200	/	2/5/2011 3:46 PM	6145	60.00	93	1.90	102.42	1.55	194.43	6145	0	100%
10	/products/	2/5/2011 3:47 PM	11633	59.97	129	0.05	193.98	2.15	9.99	11633	0	100%
25	/products/	2/5/2011 3:48 PM	12040	59.99	133	0.12	200.70	2.22	24.95	12040	0	100%
50	/products/	2/5/2011 3:49 PM	12057	59.99	134	0.25	200.98	2.23	49.83	12057	0	100%
100	/products/	2/5/2011 3:50 PM	11417	59.99	126	0.52	190.32	2.10	99.26	11417	0	100%
200	/products/	2/5/2011 3:51 PM	11097	60.00	123	1.07	184.95	2.05	197.00	11097	0	100%
10	/news/konakart-and-dotcms-join-forces-to	2/5/2011 3:52 PM	7351	59.97	133	0.08	122.58	2.22	9.99	7351	0	100%
25	/news/konakart-and-dotcms-join-forces-to	2/5/2011 3:53 PM	7732	59.99	140	0.19	128.89	2.33	24.96	7732	0	100%
50	/news/konakart-and-dotcms-join-forces-to	2/5/2011 3:54 PM	7378	59.99	133	0.41	122.99	2.22	49.87	7378	0	100%
100	/news/konakart-and-dotcms-join-forces-to	2/5/2011 3:55 PM	6752	60.02	122	0.88	112.50	2.03	99.22	6752	0	100%
200	/news/konakart-and-dotcms-join-forces-to	2/5/2011 3:56 PM	6222	59.96	112	1.88	103.77	1.87	195.39	6222	0	100.00%
10	/events/	2/5/2011 3:57 PM	5456	59.97	93	0.11	90.98	1.55	9.99	5456	0	100.00%
25	/events/	2/5/2011 3:58 PM	5304	59.99	90	0.28	88.41	1.50	24.91	5304	0	100.00%
50	/events/	2/5/2011 3:59 PM	5326	59.99	90	0.55	88.78	1.50	49.17	5326	0	100.00%
100	/events/	2/5/2011 4:00 PM	5060	59.99	86	1.09	84.35	1.43	91.53	5060	0	100.00%
200	/events/	2/5/2011 4:01 PM	4892	60.00	83	1.75	81.53	1.38	142.63	4892	53	98.92%
10	/company/	2/5/2011 4:02 PM	12558	59.87	152	0.05	209.75	2.54	9.99	12558	0	100.00%
25	/company/	2/5/2011 4:03 PM	12883	59.99	156	0.12	214.75	2.60	24.97	12883	0	100.00%
50	/company/	2/5/2011 4:04 PM	12654	60.00	153	0.23	210.90	2.55	48.91	12654	0	100.00%
100	/company/	2/5/2011 4:05 PM	12327	59.98	149	0.45	205.52	2.48	93.15	12327	0	100.00%
200	/company/	2/5/2011 4:06 PM	12290	59.99	149	0.84	204.87	2.48	171.91	12290	0	100.00%
10	/products/research1	2/5/2011 4:07 PM	13818	59.96	174	0.04	230.45	2.90	9.99	13818	0	100.00%
25	/products/research1	2/5/2011 4:08 PM	14448	59.99	182	0.10	240.84	3.03	24.96	14448	0	100.00%
50	/products/research1	2/5/2011 4:09 PM	13985	59.99	176	0.21	233.12	2.93	49.82	13985	0	100.00%
100	/products/research1	2/5/2011 4:10 PM	13537	59.98	170	0.44	225.69	2.83	99.45	13537	0	100.00%
200	/products/research1	2/5/2011 4:11 PM	13322	59.99	168	0.89	222.07	2.80	198.20	13322	0	100.00%
			622,565	**2,400.38**	**20,295.00**	**0.44**	**259.20**	**8.44**	**73.76**	**622,565**		**99.97%**
						0.50						

Large

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 5, 2011 10:47 PM	36031	59.94	1759	0.02	601.12	29.35	9.99	36031	0	100.00%
25	/html/file.out	Feb 5, 2011 10:48 PM	48605	59.99	2373	0.03	810.22	39.56	24.97	48605	0	100.00%
50	/html/file.out	Feb 5, 2011 10:49 PM	53729	59.99	2623	0.06	895.63	43.72	49.91	53729	0	100.00%
100	/html/file.out	Feb 5, 2011 10:50 PM	52780	60.01	2577	0.11	879.52	42.94	98.97	52780	0	100.00%
200	/html/file.out	Feb 5, 2011 10:51 PM	48034	60.02	2345	0.25	800.30	39.07	197.79	48034	0	100.00%
10	/test/file.out	Feb 5, 2011 10:52 PM	9948	59.91	485	0.06	166.05	8.10	9.99	9948	0	100.00%
25	/test/file.out	Feb 5, 2011 10:53 PM	15369	59.99	750	0.10	256.19	12.50	24.96	15369	0	100.00%
50	/test/file.out	Feb 5, 2011 10:54 PM	16662	59.98	813	0.18	277.79	13.55	49.86	16662	0	100.00%
100	/test/file.out	Feb 5, 2011 10:55 PM	15790	60.00	770	0.38	263.17	12.83	99.60	15790	0	100.00%
200	/test/file.out	Feb 5, 2011 10:56 PM	14616	59.98	713	0.82	243.68	11.89	198.60	14616	0	100.00%
10	/	Feb 5, 2011 10:57 PM	3048	59.97	46	0.20	50.83	0.77	9.99	3048	0	100.00%
25	/	Feb 5, 2011 10:58 PM	3790	59.99	57	0.39	63.18	0.95	24.89	3790	0	100.00%
50	/	Feb 5, 2011 10:59 PM	3666	59.99	55	0.81	61.11	0.92	49.72	3666	0	100.00%
100	/	Feb 5, 2011 11:00 PM	2955	60.00	44	2.01	49.25	0.73	98.99	2955	0	100.00%
200	/	Feb 5, 2011 11:01 PM	2924	59.97	44	3.95	48.76	0.73	192.38	2924	0	100.00%
10	/products/	Feb 5, 2011 11:02 PM	5720	59.96	63	0.10	95.40	1.05	9.99	5720	0	100.00%
25	/products/	Feb 5, 2011 11:03 PM	5970	59.99	66	0.25	99.52	1.10	24.93	5970	0	100.00%
50	/products/	Feb 5, 2011 11:04 PM	5717	59.98	63	0.52	95.32	1.05	49.63	5717	0	100.00%
100	/products/	Feb 5, 2011 11:05 PM	4753	59.99	52	1.24	79.23	0.87	98.47	4753	0	100.00%
200	/products/	Feb 5, 2011 11:06 PM	4230	59.97	47	2.75	70.54	0.78	194.23	4230	0	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 5, 2011 11:07 PM	3311	59.97	60	0.18	55.21	1.00	9.99	3311	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 5, 2011 11:08 PM	3621	59.99	65	0.41	60.36	1.08	24.88	3621	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 5, 2011 11:09 PM	3273	59.98	59	0.91	54.57	0.98	49.58	3273	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 5, 2011 11:10 PM	3044	59.99	55	1.91	50.74	0.92	97.07	3044	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 5, 2011 11:11 PM	2450	59.98	44	3.89	40.85	0.73	158.71	2450	58	97.63%
10	/events/	Feb 5, 2011 11:12 PM	2619	59.96	44	0.23	43.68	0.73	9.98	2619	0	100.00%
25	/events/	Feb 5, 2011 11:13 PM	2554	60.00	43	0.58	42.57	0.72	24.85	2554	0	100.00%
50	/events/	Feb 5, 2011 11:14 PM	2643	59.99	45	1.12	44.06	0.75	49.55	2643	0	100.00%
100	/events/	Feb 5, 2011 11:15 PM	2579	59.98	44	2.05	43.00	0.73	88.07	2579	4	99.84%
200	/events/	Feb 5, 2011 11:16 PM	2434	59.97	41	2.04	40.59	0.68	82.82	2434	156	93.59%
10	/company/	Feb 5, 2011 11:17 PM	8672	59.97	76	0.07	144.61	1.27	10.00	8672	0	100.00%
25	/company/	Feb 5, 2011 11:18 PM	9673	59.99	84	0.15	161.24	1.40	24.96	9673	0	100.00%
50	/company/	Feb 5, 2011 11:19 PM	9941	59.99	87	0.30	165.71	1.45	49.82	9941	0	100.00%
100	/company/	Feb 5, 2011 11:20 PM	9879	59.99	86	0.60	164.68	1.43	99.37	9879	0	100.00%
200	/company/	Feb 5, 2011 11:21 PM	9474	59.98	83	1.24	157.95	1.38	196.39	9474	0	100.00%
10	/products/research1	Feb 5, 2011 11:22 PM	6781	59.98	85	0.09	113.05	1.42	9.98	6781	0	100.00%
25	/products/research1	Feb 5, 2011 11:23 PM	6842	59.99	86	0.22	114.05	1.43	24.95	6842	0	100.00%
50	/products/research1	Feb 5, 2011 11:24 PM	6483	60.01	81	0.46	108.03	1.35	49.77	6483	0	100.00%
100	/products/research1	Feb 5, 2011 11:25 PM	5936	59.95	74	1.00	99.02	1.23	98.94	5936	0	100.00%
200	/products/research1	Feb 5, 2011 11:26 PM	5130	60.00	64	2.25	85.50	1.07	192.65	5130	0	100.00%
			461,676	**2,399.28**	**17,051.00**	**0.85**	**192.41**	**7.11**	**71.75**	**461,676**		**99.78%**
						1.00						

Large 4GB RAM

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 6, 2011 3:44 PM	42935	59.63	2096	0.01	720.02	35.15	9.96	42935	0	100.00%
25	/html/file.out	Feb 6, 2011 3:45 PM	48898	60.00	2387	0.03	814.97	39.78	24.91	48898	0	100.00%
50	/html/file.out	Feb 6, 2011 3:46 PM	51189	59.97	2499	0.06	853.58	41.67	49.77	51189	0	100.00%
100	/html/file.out	Feb 6, 2011 3:47 PM	48033	60.05	2345	0.12	799.88	39.05	99.21	48033	0	100.00%
200	/html/file.out	Feb 6, 2011 3:48 PM	45955	59.96	2243	0.26	766.43	37.41	198.05	45955	0	100.00%
10	/test/file.out	Feb 6, 2011 3:49 PM	22400	59.91	1093	0.03	373.89	18.24	9.99	22400	0	100.00%
25	/test/file.out	Feb 6, 2011 3:50 PM	26852	60.00	1311	0.06	447.53	21.85	24.98	26852	0	100.00%
50	/test/file.out	Feb 6, 2011 3:51 PM	26483	59.99	1293	0.11	441.46	21.55	49.92	26483	0	100.00%
100	/test/file.out	Feb 6, 2011 3:52 PM	26606	60.05	1299	0.22	443.06	21.63	99.46	26606	0	100.00%
200	/test/file.out	Feb 6, 2011 3:53 PM	26132	60.01	1275	0.45	435.46	21.25	196.37	26132	0	100.00%
10	/	Feb 6, 2011 3:54 PM	5427	59.88	82	0.11	90.63	1.37	9.99	5427	0	100.00%
25	/	Feb 6, 2011 3:55 PM	5611	59.97	85	0.27	93.56	1.42	24.93	5611	0	100.00%
50	/	Feb 6, 2011 3:56 PM	5072	59.99	76	0.59	84.55	1.27	49.73	5072	0	100.00%
100	/	Feb 6, 2011 3:57 PM	5010	59.99	75	1.18	83.51	1.25	98.50	5010	0	100.00%
200	/	Feb 6, 2011 3:58 PM	5084	60.04	77	2.27	84.68	1.28	192.27	5084	0	100.00%
10	/products/	Feb 6, 2011 3:59 PM	8700	59.92	96	0.07	145.19	1.60	9.99	8700	0	100.00%
25	/products/	Feb 6, 2011 4:00 PM	8900	59.99	98	0.17	148.36	1.63	24.96	8900	0	100.00%
50	/products/	Feb 6, 2011 4:01 PM	8313	60.03	92	0.36	138.48	1.53	49.76	8313	0	100.00%
100	/products/	Feb 6, 2011 4:02 PM	7995	59.96	88	0.74	133.34	1.47	99.15	7995	0	100.00%
200	/products/	Feb 6, 2011 4:03 PM	7939	59.97	88	1.45	132.38	1.47	192.61	7939	7	99.91%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 6, 2011 4:04 PM	5591	59.95	101	0.11	93.26	1.68	9.99	5591	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 6, 2011 4:05 PM	5601	59.99	101	0.27	93.37	1.68	24.92	5601	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 6, 2011 4:06 PM	5270	59.97	95	0.57	87.88	1.58	49.68	5270	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 6, 2011 4:07 PM	4670	59.99	84	1.27	77.85	1.40	98.85	4670	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 6, 2011 4:08 PM	4704	60.00	85	2.45	78.40	1.42	191.72	4704	23	99.51%
10	/events/	Feb 6, 2011 4:09 PM	4050	59.95	69	0.15	67.56	1.15	9.99	4050	0	100.00%
25	/events/	Feb 6, 2011 4:10 PM	4109	59.98	70	0.36	68.51	1.17	24.91	4109	0	100.00%
50	/events/	Feb 6, 2011 4:11 PM	4127	59.97	70	0.71	68.82	1.17	48.75	4127	0	100.00%
100	/events/	Feb 6, 2011 4:12 PM	4021	59.98	68	1.43	67.04	1.13	95.67	4021	0	100.00%
200	/events/	Feb 6, 2011 4:13 PM	4075	60.00	69	2.73	67.92	1.15	185.75	4075	11	99.73%
10	/company/	Feb 6, 2011 4:14 PM	6934	59.94	90	0.09	115.68	1.50	9.99	6934	0	100.00%
25	/company/	Feb 6, 2011 4:15 PM	6966	59.99	90	0.21	116.12	1.50	24.92	6966	0	100.00%
50	/company/	Feb 6, 2011 4:16 PM	6756	59.99	88	0.43	112.62	1.47	48.99	6756	0	100.00%
100	/company/	Feb 6, 2011 4:17 PM	6792	59.99	88	0.85	113.22	1.47	95.71	6792	0	100.00%
200	/company/	Feb 6, 2011 4:18 PM	6768	59.98	88	1.70	112.84	1.47	192.15	6768	0	100.00%
10	/products/research1	Feb 6, 2011 4:19 PM	9743	59.97	122	0.06	162.46	2.03	9.99	9743	0	100.00%
25	/products/research1	Feb 6, 2011 4:20 PM	10330	59.99	130	0.14	172.20	2.17	24.96	10330	0	100.00%
50	/products/research1	Feb 6, 2011 4:21 PM	10060	60.00	126	0.30	167.67	2.10	49.77	10060	0	100.00%
100	/products/research1	Feb 6, 2011 4:22 PM	9485	60.01	119	0.63	158.06	1.98	99.18	9485	0	100.00%
200	/products/research1	Feb 6, 2011 4:23 PM	8977	59.98	113	1.28	149.67	1.88	191.18	8977	6	99.93%
			562,563	**2,398.93**	**20,564.00**	**0.61**	**234.55**	**8.57**	**75.04**	**562,563**		**99.98%**
						0.70						

XLarge

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 10, 2011 10:42 P	44076	59.56	2152	0.01	740.03	36.13	9.98	44076	0	100.00%
25	/html/file.out	Feb 10, 2011 10:43 P	41611	60.02	2031	0.04	693.29	33.84	24.77	41611	0	100.00%
50	/html/file.out	Feb 10, 2011 10:44 P	47917	59.98	2339	0.06	798.88	39.00	49.64	47917	0	100.00%
100	/html/file.out	Feb 10, 2011 10:45 P	49287	60.00	2406	0.12	821.45	40.10	99.27	49287	0	100.00%
200	/html/file.out	Feb 10, 2011 10:46 P	47164	60.02	2302	0.25	785.80	38.35	196.39	47164	0	100.00%
10	/test/file.out	Feb 10, 2011 10:47 P	21916	59.92	1070	0.03	365.75	17.86	9.99	21916	0	100.00%
25	/test/file.out	Feb 10, 2011 10:48 P	27867	60.01	1360	0.05	464.37	22.66	24.97	27867	0	100.00%
50	/test/file.out	Feb 10, 2011 10:49 P	29872	59.98	1458	0.10	498.03	24.31	49.48	29872	0	100.00%
100	/test/file.out	Feb 10, 2011 10:50 P	31523	60.00	1539	0.19	525.38	25.65	99.50	31523	0	100.00%
200	/test/file.out	Feb 10, 2011 10:51 P	31928	60.02	1558	0.37	531.96	25.96	198.25	31928	0	100.00%
10	/	Feb 10, 2011 10:52 P	7441	59.95	112	0.08	124.12	1.87	9.99	7441	0	100.00%
25	/	Feb 10, 2011 10:53 P	7799	59.99	117	0.19	130.00	1.95	24.93	7799	0	100.00%
50	/	Feb 10, 2011 10:54 P	6862	59.99	103	0.43	114.39	1.72	49.67	6862	0	100.00%
100	/	Feb 10, 2011 10:55 P	6211	59.97	93	0.94	103.57	1.55	97.80	6211	0	100.00%
200	/	Feb 10, 2011 10:56 P	5833	59.99	88	2.02	97.23	1.47	195.96	5833	0	100.00%
10	/products/	Feb 10, 2011 10:57 P	12109	59.93	134	0.05	202.05	2.24	9.99	12109	0	100.00%
25	/products/	Feb 10, 2011 10:58 P	12399	59.99	137	0.12	206.68	2.28	24.96	12399	0	100.00%
50	/products/	Feb 10, 2011 10:59 P	11591	60.00	128	0.26	193.18	2.13	49.85	11591	0	100.00%
100	/products/	Feb 10, 2011 11:00 P	9951	59.98	110	0.60	165.91	1.83	99.25	9951	0	100.00%
200	/products/	Feb 10, 2011 11:01 P	9340	60.01	103	1.25	155.64	1.72	195.11	9340	0	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 10, 2011 11:02 P	7976	59.94	144	0.08	133.07	2.40	9.99	7976	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 10, 2011 11:03 P	7923	59.99	143	0.19	132.07	2.38	24.95	7923	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 10, 2011 11:04 P	7014	59.98	127	0.43	116.94	2.12	49.77	7014	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 10, 2011 11:05 P	6659	59.99	120	0.89	111.00	2.00	98.83	6659	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 10, 2011 11:06 P	6465	59.98	117	1.82	107.79	1.95	196.04	6465	0	100.00%
10	/events/	Feb 10, 2011 11:07 P	6442	59.95	110	0.09	107.46	1.83	9.99	6442	0	100.00%
25	/events/	Feb 10, 2011 11:08 P	6107	60.00	104	0.24	101.78	1.73	24.89	6107	0	100.00%
50	/events/	Feb 10, 2011 11:09 P	6056	59.99	103	0.49	100.95	1.72	49.41	6056	0	100.00%
100	/events/	Feb 10, 2011 11:10 P	5511	59.97	94	1.07	91.90	1.57	98.24	5511	0	100.00%
200	/events/	Feb 10, 2011 11:11 P	4648	60.02	79	2.49	77.44	1.32	193.11	4648	0	100.00%
10	/company/	Feb 10, 2011 11:12 P	10374	59.94	135	0.06	173.07	2.25	9.98	10374	0	100.00%
25	/company/	Feb 10, 2011 11:13 P	10624	59.97	138	0.14	177.16	2.30	24.96	10624	0	100.00%
50	/company/	Feb 10, 2011 11:14 P	9918	59.99	129	0.30	165.33	2.15	49.51	9918	0	100.00%
100	/company/	Feb 10, 2011 11:15 P	9306	59.99	121	0.63	155.13	2.02	97.08	9306	0	100.00%
200	/company/	Feb 10, 2011 11:16 P	8085	59.99	105	1.42	134.77	1.75	191.00	8085	0	100.00%
10	/products/research1	Feb 10, 2011 11:17 P	12722	59.95	160	0.05	212.21	2.67	9.99	12722	0	100.00%
25	/products/research1	Feb 10, 2011 11:18 P	13920	59.99	175	0.11	232.04	2.92	24.94	13920	0	100.00%
50	/products/research1	Feb 10, 2011 11:19 P	12456	59.99	157	0.24	207.63	2.62	49.83	12456	0	100.00%
100	/products/research1	Feb 10, 2011 11:20 P	11513	60.00	145	0.52	191.88	2.42	99.06	11513	0	100.00%
200	/products/research1	Feb 10, 2011 11:21 P	11316	59.99	142	1.04	188.63	2.37	196.58	11316	0	100.00%
			637,732	**2,398.92**	**21,888.00**	**0.49**	**265.90**	**9.13**	**75.70**	**637,732**		**100.00%**
						0.59						

Large xCPU

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 15, 2011 10:02 P	50912	59.32	2485	0.01	858.26	41.89	9.98	50912	0	100.00%
25	/html/file.out	Feb 15, 2011 10:03 P	56296	59.96	2748	0.03	938.89	45.83	24.94	56296	0	100.00%
50	/html/file.out	Feb 15, 2011 10:04 P	56545	60.04	2760	0.05	941.79	45.97	49.80	56545	0	100.00%
100	/html/file.out	Feb 15, 2011 10:05 P	52144	60.02	2546	0.11	868.78	42.42	99.33	52144	0	100.00%
200	/html/file.out	Feb 15, 2011 10:06 P	47283	59.98	2308	0.25	788.31	38.48	197.61	47283	0	100.00%
10	/test/file.out	Feb 15, 2011 10:07 P	34640	59.89	1691	0.02	578.39	28.24	9.99	34640	0	100.00%
25	/test/file.out	Feb 15, 2011 10:08 P	40932	59.99	1998	0.04	682.31	33.31	24.98	40932	0	100.00%
50	/test/file.out	Feb 15, 2011 10:09 P	42757	60.00	2087	0.07	712.62	34.78	49.93	42757	0	100.00%
100	/test/file.out	Feb 15, 2011 10:10 P	44218	59.99	2159	0.14	737.09	35.99	99.71	44218	0	100.00%
200	/test/file.out	Feb 15, 2011 10:11 P	44054	60.00	2151	0.27	734.23	35.85	198.74	44054	0	100.00%
10	/	Feb 15, 2011 10:12 P	14107	59.94	213	0.04	235.35	3.55	9.99	14107	0	100.00%
25	/	Feb 15, 2011 10:13 P	14538	59.99	219	0.10	242.34	3.65	24.97	14538	0	100.00%
50	/	Feb 15, 2011 10:14 P	14032	60.01	212	0.21	233.83	3.53	49.85	14032	0	100.00%
100	/	Feb 15, 2011 10:15 P	12951	59.97	195	0.46	215.96	3.25	99.48	12951	0	100.00%
200	/	Feb 15, 2011 10:16 P	12759	59.97	192	0.93	212.76	3.20	197.67	12759	0	100.00%
10	/products/	Feb 15, 2011 10:17 P	22707	59.97	252	0.03	378.64	4.20	9.99	22707	0	100.00%
25	/products/	Feb 15, 2011 10:18 P	22908	59.99	254	0.07	381.86	4.23	24.97	22908	0	100.00%
50	/products/	Feb 15, 2011 10:19 P	22417	59.99	249	0.13	373.68	4.15	49.91	22417	0	100.00%
100	/products/	Feb 15, 2011 10:20 P	19882	59.99	221	0.30	331.42	3.68	99.63	19882	0	100.00%
200	/products/	Feb 15, 2011 10:21 P	19610	59.94	218	0.60	327.16	3.64	197.46	19610	0	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 15, 2011 10:22 P	14168	59.94	257	0.04	236.37	4.29	9.99	14168	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 15, 2011 10:23 P	14164	60.00	257	0.11	236.07	4.28	24.96	14164	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 15, 2011 10:24 P	13478	59.99	244	0.22	224.67	4.07	49.85	13478	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 15, 2011 10:25 P	12560	59.99	227	0.48	209.37	3.78	99.48	12560	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 15, 2011 10:26 P	11728	59.96	212	1.01	195.60	3.54	196.85	11728	0	100.00%
10	/events/	Feb 15, 2011 10:27 P	12500	59.95	214	0.05	208.51	3.57	9.99	12500	0	100.00%
25	/events/	Feb 15, 2011 10:28 P	12135	59.99	207	0.12	202.28	3.45	24.97	12135	0	100.00%
50	/events/	Feb 15, 2011 10:29 P	11615	59.99	198	0.26	193.62	3.30	49.83	11615	0	100.00%
100	/events/	Feb 15, 2011 10:30 P	11540	60.00	197	0.51	192.33	3.28	97.61	11540	0	100.00%
200	/events/	Feb 15, 2011 10:31 P	11423	59.99	195	0.97	190.42	3.25	185.56	11423	0	100.00%
10	/company/	Feb 15, 2011 10:32 P	20204	59.96	263	0.03	336.96	4.39	9.99	20204	0	100.00%
25	/company/	Feb 15, 2011 10:33 P	20162	59.99	263	0.07	336.09	4.38	24.97	20162	0	100.00%
50	/company/	Feb 15, 2011 10:34 P	19173	59.99	250	0.16	319.60	4.17	49.85	19173	0	100.00%
100	/company/	Feb 15, 2011 10:35 P	19126	59.99	249	0.31	318.82	4.15	97.54	19126	0	100.00%
200	/company/	Feb 15, 2011 10:36 P	19073	60.00	248	0.57	317.88	4.13	182.51	19073	0	100.00%
10	/products/research1	Feb 15, 2011 10:37 P	24510	59.97	309	0.02	408.70	5.15	9.99	24510	0	100.00%
25	/products/research1	Feb 15, 2011 10:38 P	24219	59.99	305	0.06	403.72	5.08	24.98	24219	0	100.00%
50	/products/research1	Feb 15, 2011 10:39 P	23872	60.00	301	0.13	397.87	5.02	49.91	23872	0	100.00%
100	/products/research1	Feb 15, 2011 10:40 P	22540	60.01	284	0.26	375.60	4.73	99.49	22540	0	100.00%
200	/products/research1	Feb 15, 2011 10:41 P	21755	59.98	274	0.54	362.70	4.57	197.24	21755	0	100.00%
			985,637	**2,398.63**	**30,112.00**	**0.24**	**411.02**	**12.56**	**75.61**	**985,637**		**100.00%**
						0.27						

Physical Hardware

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 16, 2011 1:19 PM	127671	59.84	6233	0.00		104.16	9.94	127671	0	100.00%
25	/html/file.out	Feb 16, 2011 1:20 PM	136090	59.99	6645	0.01		110.77	24.93	136090	0	100.00%
50	/html/file.out	Feb 16, 2011 1:21 PM	136260	59.98	6653	0.02		110.92	49.93	136260	0	100.00%
100	/html/file.out	Feb 16, 2011 1:22 PM	136242	59.98	6652	0.04		110.90	99.87	136242	0	100.00%
200	/html/file.out	Feb 16, 2011 1:23 PM	136320	59.99	6656	0.09		110.95	199.50	136320	0	100.00%
10	/test/file.out	Feb 16, 2011 1:24 PM	82207	59.97	4014	0.01		66.93	9.97	82207	0	100.00%
25	/test/file.out	Feb 16, 2011 1:25 PM	121284	59.98	5922	0.01		98.73	24.94	121284	0	100.00%
50	/test/file.out	Feb 16, 2011 1:26 PM	129261	59.98	6311	0.02		105.22	49.93	129261	0	100.00%
100	/test/file.out	Feb 16, 2011 1:27 PM	133363	59.98	6511	0.04		108.55	99.89	133363	0	100.00%
200	/test/file.out	Feb 16, 2011 1:28 PM	133086	59.99	6498	0.09		108.32	199.65	133086	0	100.00%
10	/	Feb 16, 2011 1:29 PM	31578	59.98	477	0.02	526.48	7.95	9.99	31578	0	100.00%
25	/	Feb 16, 2011 1:30 PM	36943	59.98	558	0.04	615.92	9.30	24.98	36943	0	100.00%
50	/	Feb 16, 2011 1:31 PM	34293	60.00	518	0.09	571.55	8.63	49.93	34293	0	100.00%
100	/	Feb 16, 2011 1:32 PM	31986	59.99	483	0.19	533.19	8.05	99.78	31986	0	100.00%
200	/	Feb 16, 2011 1:33 PM	31436	59.99	475	0.38	524.02	7.92	199.09	31436	0	100.00%
10	/products/	Feb 16, 2011 1:34 PM	50194	59.97	558	0.01	836.99	9.30	9.98	50194	0	100.00%
25	/products/	Feb 16, 2011 1:35 PM	57957	59.98	644	0.03	966.27	10.74	24.97	57957	0	100.00%
50	/products/	Feb 16, 2011 1:36 PM	54556	59.99	606	0.05	909.42	10.10	49.95	54556	0	100.00%
100	/products/	Feb 16, 2011 1:37 PM	50540	59.99	561	0.12	842.47	9.35	99.84	50540	0	100.00%
200	/products/	Feb 16, 2011 1:38 PM	49184	59.99	546	0.24	819.87	9.10	199.32	49184	0	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 1:39 PM	30984	59.98	562	0.02	516.57	9.37	9.98	30984	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 1:40 PM	34206	59.98	620	0.04	570.29	10.34	24.98	34206	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 1:41 PM	31185	59.99	565	0.10	519.84	9.42	49.93	31185	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 1:42 PM	28395	59.99	515	0.21	473.33	8.58	99.79	28395	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 1:43 PM	25752	59.99	467	0.46	429.27	7.78	199.07	25752	0	100.00%
10	/events/	Feb 16, 2011 1:44 PM	23741	59.97	406	0.03	395.88	6.77	9.99	23741	0	100.00%
25	/events/	Feb 16, 2011 1:45 PM	26739	59.99	457	0.06	445.72	7.62	24.97	26739	0	100.00%
50	/events/	Feb 16, 2011 1:46 PM	24763	59.98	423	0.12	412.85	7.05	49.93	24763	0	100.00%
100	/events/	Feb 16, 2011 1:47 PM	22537	59.98	385	0.27	375.74	6.42	99.74	22537	0	100.00%
200	/events/	Feb 16, 2011 1:48 PM	21494	59.99	367	0.56	358.29	6.12	198.86	21494	0	100.00%
10	/company/	Feb 16, 2011 1:49 PM	40549	59.97	529	0.01	676.15	8.82	9.98	40549	0	100.00%
25	/company/	Feb 16, 2011 1:50 PM	49800	59.99	650	0.03	830.14	10.84	24.97	49800	0	100.00%
50	/company/	Feb 16, 2011 1:51 PM	47235	59.98	616	0.06	787.51	10.27	49.95	47235	0	100.00%
100	/company/	Feb 16, 2011 1:52 PM	45351	59.99	591	0.13	755.98	9.85	99.37	45351	0	100.00%
200	/company/	Feb 16, 2011 1:53 PM	45057	59.99	588	0.26	751.08	9.80	196.77	45057	0	100.00%
10	/products/research1	Feb 16, 2011 1:54 PM	53737	59.97	678	0.01	896.06	11.31	9.98	53737	0	100.00%
25	/products/research1	Feb 16, 2011 1:55 PM	62290	59.98	785	0.02	1038.51	13.09	24.97	62290	0	100.00%
50	/products/research1	Feb 16, 2011 1:56 PM	59035	59.99	744	0.05	984.08	12.40	49.94	59035	0	100.00%
100	/products/research1	Feb 16, 2011 1:57 PM	53150	59.99	670	0.11	885.98	11.17	99.81	53150	0	100.00%
200	/products/research1	Feb 16, 2011 1:58 PM	49181	59.99	620	0.24	819.82	10.34	199.35	49181	0	100.00%
			2,475,632	**2,399.22**	**78,759.00**	**0.11**	**668.98**	**32.83**	**76.72**	**2,475,632**		**100.00%**
						0.13						

Physical Hardware - 4GB

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 16, 2011 3:36 PM	127302	59.98	6215	0.00	2122.41	103.62	9.95	127302	0	100.00%
25	/html/file.out	Feb 16, 2011 3:37 PM	136082	59.98	6644	0.01	2268.79	110.77	24.93	136082	0	100.00%
50	/html/file.out	Feb 16, 2011 3:38 PM	136238	59.98	6652	0.02	2271.39	110.90	49.92	136238	0	100.00%
100	/html/file.out	Feb 16, 2011 3:39 PM	136294	59.99	6654	0.04	2271.95	110.92	99.77	136294	0	100.00%
200	/html/file.out	Feb 16, 2011 3:40 PM	136266	59.98	6653	0.09	2271.86	110.92	199.66	136266	0	100.00%
10	/test/file.out	Feb 16, 2011 3:41 PM	104146	59.97	5085	0.01	1736.64	84.79	9.96	104146	0	100.00%
25	/test/file.out	Feb 16, 2011 3:42 PM	126316	60.00	6167	0.01	2105.27	102.78	24.94	126316	0	100.00%
50	/test/file.out	Feb 16, 2011 3:43 PM	130768	59.98	6385	0.02	2180.19	106.45	49.92	130768	0	100.00%
100	/test/file.out	Feb 16, 2011 3:44 PM	132553	59.99	6472	0.05	2209.58	107.88	99.87	132553	0	100.00%
200	/test/file.out	Feb 16, 2011 3:45 PM	133807	59.98	6533	0.09	2230.86	108.92	199.06	133807	0	100.00%
10	/	Feb 16, 2011 3:46 PM	38206	59.97	578	0.02	637.09	9.64	9.98	38206	0	100.00%
25	/	Feb 16, 2011 3:47 PM	42207	59.99	638	0.04	703.57	10.64	24.98	42207	0	100.00%
50	/	Feb 16, 2011 3:48 PM	41773	59.98	632	0.07	696.45	10.54	49.95	41773	0	100.00%
100	/	Feb 16, 2011 3:49 PM	40175	59.99	607	0.15	669.69	10.12	99.83	40175	0	100.00%
200	/	Feb 16, 2011 3:50 PM	38001	59.99	574	0.31	633.46	9.57	198.79	38001	0	100.00%
10	/products/	Feb 16, 2011 3:51 PM	57378	59.97	638	0.01	956.78	10.64	9.98	57378	0	100.00%
25	/products/	Feb 16, 2011 3:52 PM	67599	59.98	751	0.02	1127.03	12.52	24.97	67599	0	100.00%
50	/products/	Feb 16, 2011 3:53 PM	66378	59.98	738	0.05	1106.67	12.30	49.95	66378	0	100.00%
100	/products/	Feb 16, 2011 3:54 PM	64985	59.98	722	0.09	1083.44	12.04	99.87	64985	0	100.00%
200	/products/	Feb 16, 2011 3:55 PM	62535	59.99	695	0.19	1042.42	11.59	199.45	62535	0	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 3:56 PM	36582	59.97	663	0.02	610.01	11.06	9.98	36582	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 3:57 PM	39666	59.98	719	0.04	661.32	11.99	24.98	39666	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 3:58 PM	39833	59.98	722	0.08	664.10	12.04	49.94	39833	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 3:59 PM	38430	59.99	697	0.16	640.61	11.62	99.78	38430	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 16, 2011 4:00 PM	36443	59.99	661	0.33	607.48	11.02	199.35	36443	0	100.00%
10	/events/	Feb 16, 2011 4:01 PM	27797	59.98	475	0.02	463.44	7.92	9.99	27797	0	100.00%
25	/events/	Feb 16, 2011 4:02 PM	31171	59.98	533	0.05	519.69	8.89	24.98	31171	0	100.00%
50	/events/	Feb 16, 2011 4:03 PM	30568	59.98	523	0.10	509.64	8.72	49.95	30568	0	100.00%
100	/events/	Feb 16, 2011 4:04 PM	29386	59.98	503	0.20	489.93	8.39	99.81	29386	0	100.00%
200	/events/	Feb 16, 2011 4:05 PM	28097	59.99	481	0.42	468.36	8.02	198.48	28097	0	100.00%
10	/company/	Feb 16, 2011 4:06 PM	47095	59.97	614	0.01	785.31	10.24	9.98	47095	0	100.00%
25	/company/	Feb 16, 2011 4:07 PM	57693	59.98	753	0.03	961.87	12.55	24.97	57693	0	100.00%
50	/company/	Feb 16, 2011 4:08 PM	55930	59.99	730	0.05	932.32	12.17	49.92	55930	0	100.00%
100	/company/	Feb 16, 2011 4:09 PM	55461	59.98	723	0.11	924.66	12.05	99.57	55461	0	100.00%
200	/company/	Feb 16, 2011 4:10 PM	55343	59.99	722	0.21	922.54	12.04	196.89	55343	0	100.00%
10	/products/research1	Feb 16, 2011 4:11 PM	63233	59.97	797	0.01	1054.41	13.29	9.97	63233	0	100.00%
25	/products/research1	Feb 16, 2011 4:12 PM	72486	59.98	914	0.02	1208.50	15.24	24.96	72486	0	100.00%
50	/products/research1	Feb 16, 2011 4:13 PM	71288	59.98	899	0.04	1188.53	14.99	49.95	71288	0	100.00%
100	/products/research1	Feb 16, 2011 4:14 PM	70196	59.98	885	0.09	1170.32	14.75	99.88	70196	0	100.00%
200	/products/research1	Feb 16, 2011 4:15 PM	67054	59.99	846	0.18	1117.75	14.10	199.51	67054	0	100.00%
			2,772,761	**2,399.28**	**83,893.00**	**0.09**	**1,155.66**	**34.97**	**76.71**	**2,772,761**		**100.00%**
						0.10						

Physical Hardware - 4GB - Page Cache

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 19, 2011 9:49 PM	127434	59.68	6222	0.00	2135.29	104.26	9.95	127434	0	100.00%
25	/html/file.out	Feb 19, 2011 9:50 PM	136047	59.98	6642	0.01	2268.21	110.74	24.94	136047	0	100.00%
50	/html/file.out	Feb 19, 2011 9:51 PM	136186	59.99	6649	0.02	2270.15	110.84	49.93	136186	0	100.00%
100	/html/file.out	Feb 19, 2011 9:52 PM	136183	59.99	6649	0.04	2270.09	110.84	99.86	136183	0	100.00%
200	/html/file.out	Feb 19, 2011 9:53 PM	136189	59.98	6649	0.09	2270.57	110.85	199.65	136189	0	100.00%
10	/test/file.out	Feb 19, 2011 9:54 PM	127939	59.97	6247	0.00	2133.38	104.17	9.95	127939	0	100.00%
25	/test/file.out	Feb 19, 2011 9:55 PM	135141	59.98	6598	0.01	2253.10	110.00	24.94	135141	0	100.00%
50	/test/file.out	Feb 19, 2011 9:56 PM	135228	59.99	6602	0.02	2254.18	110.05	49.92	135228	0	100.00%
100	/test/file.out	Feb 19, 2011 9:57 PM	135336	59.99	6608	0.04	2255.98	110.15	99.87	135336	0	100.00%
200	/test/file.out	Feb 19, 2011 9:58 PM	135416	59.98	6612	0.09	2257.69	110.24	199.63	135416	0	100.00%
10	/	Feb 19, 2011 9:59 PM	216333	59.97	3272	0.00	3607.35	54.56	9.92	216333	0	100.00%
25	/	Feb 19, 2011 10:00 PM	407044	59.98	6157	0.00	6786.33	102.65	24.80	407044	0	100.00%
50	/	Feb 19, 2011 10:01 PM	417088	59.99	6309	0.01	6952.62	105.17	49.74	417088	0	100.00%
100	/	Feb 19, 2011 10:02 PM	411261	59.99	6221	0.01	6855.49	103.70	99.72	411262	0	100.00%
200	/	Feb 19, 2011 10:03 PM	411212	59.98	6220	0.03	6855.82	103.70	198.48	411212	0	100.00%
10	/products/	Feb 19, 2011 10:04 PM	263706	59.97	2931	0.00	4397.30	48.87	9.91	263706	0	100.00%
25	/products/	Feb 19, 2011 10:05 PM	507486	59.98	5641	0.00	8460.92	94.05	24.78	507487	0	100.00%
50	/products/	Feb 19, 2011 10:06 PM	534434	59.99	5940	0.01	8908.72	99.02	49.69	534434	0	100.00%
100	/products/	Feb 19, 2011 10:07 PM	548668	59.99	6099	0.01	9145.99	101.67	99.58	548668	0	100.00%
200	/products/	Feb 19, 2011 10:08 PM	550732	60.00	6121	0.02	**9178.87**	102.02	197.87	550732	0	100.00%
10	/news/konakart-and-dotcms-join-forces-to	Feb 19, 2011 10:09 PM	123384	59.97	2239	0.00	2057.43	37.34	9.96	123384	0	100.00%
25	/news/konakart-and-dotcms-join-forces-to	Feb 19, 2011 10:10 PM	170170	59.98	3088	0.01	2837.11	51.48	24.93	170170	0	100.00%
50	/news/konakart-and-dotcms-join-forces-to	Feb 19, 2011 10:11 PM	165910	59.98	3011	0.02	2766.09	50.20	49.92	165910	0	100.00%
100	/news/konakart-and-dotcms-join-forces-to	Feb 19, 2011 10:12 PM	161558	59.99	2932	0.04	2693.08	48.87	99.88	161558	0	100.00%
200	/news/konakart-and-dotcms-join-forces-to	Feb 19, 2011 10:13 PM	158657	59.99	2879	0.08	2644.72	47.99	199.63	158657	0	100.00%
10	/events/	Feb 19, 2011 10:14 PM	210474	59.98	3602	0.00	3509.07	60.05	9.92	210474	0	100.00%
25	/events/	Feb 19, 2011 10:15 PM	370804	59.99	6346	0.00	6181.10	105.78	24.83	370804	0	100.00%
50	/events/	Feb 19, 2011 10:16 PM	375423	59.98	6425	0.01	6259.14	107.12	49.80	375423	0	100.00%
100	/events/	Feb 19, 2011 10:17 PM	376148	59.99	6438	0.02	6270.18	107.32	99.75	376148	0	100.00%
200	/events/	Feb 19, 2011 10:18 PM	376523	59.99	6444	0.03	6276.43	107.42	199.10	376523	0	100.00%
10	/company/	Feb 20, 2011 7:46 AM	257000	59.49	3353	0.00	4320.05	56.36	9.90	257000	0	100.00%
25	/company/	Feb 20, 2011 7:47 AM	466510	59.99	6087	0.00	7776.46	101.47	24.81	466510	0	100.00%
50	/company/	Feb 20, 2011 7:48 AM	474553	59.98	6192	0.01	7911.85	103.23	49.76	474553	0	100.00%
100	/company/	Feb 20, 2011 7:49 AM	479082	59.99	6251	0.01	7986.03	104.20	99.70	479082	0	100.00%
200	/company/	Feb 20, 2011 7:50 AM	480836	59.99	6274	0.02	8015.27	104.58	197.55	480836	0	100.00%
10	/products/research1	Feb 20, 2011 7:51 AM	145946	59.97	1840	0.00	2433.65	30.68	9.94	145946	0	100.00%
25	/products/research1	Feb 20, 2011 7:52 AM	181897	59.99	2294	0.01	3032.12	38.24	24.92	181897	0	100.00%
50	/products/research1	Feb 20, 2011 7:53 AM	174648	60.00	2203	0.02	2910.80	36.72	49.91	174648	0	100.00%
100	/products/research1	Feb 20, 2011 7:54 AM	162973	59.99	2055	0.04	2716.67	34.26	99.81	162973	0	100.00%
200	/products/research1	Feb 20, 2011 7:55 AM	155361	59.99	1959	0.08	2589.78	32.66	197.86	155361	0	100.00%
			11,076,920	**2,398.59**	**202,301.00**	**0.02**	**4,617.63**	**84.34**	**76.63**	**11,076,922**		**100.00%**
						0.0251648411632						

Amazon Cluster: 1 Large High CPU, 1 DB / NFS Server

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 22, 2011 7:40 PM	63753	59.94	3112	0.01	1063.61	51.92	9.97	63753	0	100.00%
25	/html/file.out	Feb 22, 2011 7:41 PM	88581	59.97	4325	0.02	1477.09	72.12	24.96	88581	0	100.00%
50	/html/file.out	Feb 22, 2011 7:42 PM	93384	59.98	4559	0.03	1556.92	76.01	49.95	93384	0	100.00%
100	/html/file.out	Feb 22, 2011 7:43 PM	96227	59.99	4698	0.06	1604.05	78.31	99.87	96227	0	100.00%
200	/html/file.out	Feb 22, 2011 7:44 PM	99012	59.99	4834	0.12	1650.48	80.58	197.95	99012	0	100.00%
10	/test/file.out	Feb 22, 2011 7:45 PM	44657	59.95	2180	0.01	744.90	36.36	9.98	44657	0	100.00%
25	/test/file.out	Feb 22, 2011 7:46 PM	75880	59.98	3705	0.02	1265.09	61.77	24.97	75880	0	100.00%
50	/test/file.out	Feb 22, 2011 7:47 PM	91826	60.00	4483	0.03	1530.43	74.72	49.94	91826	0	100.00%
100	/test/file.out	Feb 22, 2011 7:48 PM	91158	59.96	4451	0.07	1520.31	74.23	99.89	91158	0	100.00%
200	/test/file.out	Feb 22, 2011 7:49 PM	89111	59.99	4351	0.13	1485.43	72.53	197.33	89111	0	100.00%
10	/	Feb 22, 2011 7:50 PM	11724	59.96	185	0.05	195.53	3.09	10.00	11724	0	100.00%
25	/	Feb 22, 2011 7:51 PM	14976	59.98	237	0.10	249.68	3.95	24.97	14976	0	100.00%
50	/	Feb 22, 2011 7:52 PM	14689	59.98	232	0.20	244.90	3.87	49.83	14689	0	100.00%
100	/	Feb 22, 2011 7:53 PM	13727	59.99	217	0.43	228.82	3.62	99.42	13727	0	100.00%
200	/	Feb 22, 2011 7:54 PM	12716	59.97	201	0.93	212.04	3.35	197.87	12716	0	100.00%
10	/products/	Feb 22, 2011 7:55 PM	29286	59.96	330	0.02	488.43	5.50	9.99	29286	0	100.00%
25	/products/	Feb 22, 2011 7:56 PM	29251	59.99	330	0.05	487.60	5.50	24.97	29251	0	100.00%
50	/products/	Feb 22, 2011 7:57 PM	26931	59.99	304	0.11	448.92	5.07	49.90	26931	0	100.00%
100	/products/	Feb 22, 2011 7:58 PM	25909	60.00	292	0.23	431.82	4.87	99.43	25909	0	100.00%
200	/products/	Feb 22, 2011 7:59 PM	26710	59.98	301	0.44	445.32	5.02	197.75	26710	0	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Feb 22, 2011 8:00 PM	11002	59.96	225	0.05	183.49	3.75	9.99	11002	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Feb 22, 2011 8:01 PM	12652	59.97	259	0.12	210.97	4.32	24.96	12652	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Feb 22, 2011 8:02 PM	11674	60.00	239	0.26	194.57	3.98	49.89	11674	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Feb 22, 2011 8:03 PM	10940	59.97	224	0.55	182.42	3.74	99.53	10940	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Feb 22, 2011 8:04 PM	9583	59.93	196	1.23	159.90	3.27	196.87	9583	0	100.00%
10	/events/	Feb 22, 2011 8:05 PM	8997	59.96	163	0.07	150.05	2.72	9.99	8997	0	100.00%
25	/events/	Feb 22, 2011 8:06 PM	12484	59.98	227	0.12	208.14	3.78	24.96	12484	0	100.00%
50	/events/	Feb 22, 2011 8:07 PM	12326	59.98	224	0.24	205.50	3.73	49.82	12326	0	100.00%
100	/events/	Feb 22, 2011 8:08 PM	11726	59.98	213	0.51	195.50	3.55	99.25	11726	0	100.00%
200	/events/	Feb 22, 2011 8:09 PM	11141	59.99	202	1.05	185.71	3.37	194.10	11141	0	100.00%
10	/company/	Feb 22, 2011 8:10 PM	15183	59.96	205	0.04	253.22	3.42	9.99	15183	0	100.00%
25	/company/	Feb 22, 2011 8:11 PM	23325	59.98	315	0.06	388.88	5.25	24.98	23325	0	100.00%
50	/company/	Feb 22, 2011 8:12 PM	21943	59.99	296	0.14	365.78	4.93	49.89	21943	0	100.00%
100	/company/	Feb 22, 2011 8:13 PM	20794	59.97	281	0.29	346.74	4.69	99.20	20794	0	100.00%
200	/company/	Feb 22, 2011 8:14 PM	20229	59.99	273	0.57	337.21	4.55	192.18	20229	0	100.00%
10	/products/research1	Feb 22, 2011 8:15 PM	27915	59.96	357	0.02	465.56	5.95	9.99	27915	0	100.00%
25	/products/research1	Feb 22, 2011 8:16 PM	28101	59.98	359	0.05	468.51	5.99	24.98	28101	0	100.00%
50	/products/research1	Feb 22, 2011 8:17 PM	27652	59.99	354	0.11	460.94	5.90	49.94	27652	0	100.00%
100	/products/research1	Feb 22, 2011 8:18 PM	27633	59.97	353	0.22	460.78	5.89	99.76	27633	0	100.00%
200	/products/research1	Feb 22, 2011 8:19 PM	26394	59.98	337	0.45	440.05	5.62	197.41	26394	0	100.00%
			1,391,202	**2,399.04**	**48,629.00**	**0.23**	**579.88**	**20.27**	**76.17**	**1,391,202**		**100.00%**
						0.29198250298825						

Amazon Cluster: 2 Large High CPU, 1 DB / NFS Server

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Feb 24, 2011 4:30 AM	72717	59.49	3550	0.01	1222.34	59.67	9.98	72717	0	100.00%
25	/html/file.out	Feb 24, 2011 4:31 AM	94788	59.99	4628	0.02	1580.06	77.15	24.96	94788	0	100.00%
50	/html/file.out	Feb 24, 2011 4:32 AM	100963	60.00	4929	0.03	1682.72	82.15	49.92	100963	0	100.00%
100	/html/file.out	Feb 24, 2011 4:33 AM	101796	59.96	4970	0.06	1697.73	82.89	99.87	101796	0	100.00%
200	/html/file.out	Feb 24, 2011 4:34 AM	101196	59.97	4941	0.12	1687.44	82.39	198.33	101196	0	100.00%
10	/test/file.out	Feb 24, 2011 4:35 AM	59300	59.99	2895	0.01	988.50	48.26	9.98	59300	0	100.00%
25	/test/file.out	Feb 24, 2011 4:36 AM	88796	59.98	4335	0.02	1480.43	72.27	24.96	88796	0	100.00%
50	/test/file.out	Feb 24, 2011 4:37 AM	99191	59.98	4843	0.03	1653.73	80.74	49.94	99191	0	100.00%
100	/test/file.out	Feb 24, 2011 4:38 AM	102055	59.98	4983	0.06	1701.48	83.08	99.90	102055	0	100.00%
200	/test/file.out	Feb 24, 2011 4:39 AM	101014	59.99	4932	0.12	1683.85	82.21	199.60	101014	0	100.00%
10	/	Feb 24, 2011 4:40 AM	17582	59.96	278	0.03	293.23	4.64	9.99	17582	0	100.00%
25	/	Feb 24, 2011 4:41 AM	40110	59.98	635	0.04	668.72	10.59	24.98	40110	0	100.00%
50	/	Feb 24, 2011 4:42 AM	40312	59.97	638	0.07	672.20	10.64	49.34	40312	0	100.00%
100	/	Feb 24, 2011 4:43 AM	41144	59.99	651	0.15	685.85	10.85	99.56	41144	0	100.00%
200	/	Feb 24, 2011 4:44 AM	37084	59.97	587	0.32	618.38	9.79	198.30	37084	0	100.00%
10	/products/	Feb 24, 2011 4:45 AM	41810	59.98	464	0.01	697.07	7.74	9.99	41810	0	100.00%
25	/products/	Feb 24, 2011 4:46 AM	69575	60.00	773	0.02	1159.58	12.88	24.97	69575	0	100.00%
50	/products/	Feb 24, 2011 4:47 AM	71446	59.96	794	0.04	1191.56	13.24	49.83	71446	0	100.00%
100	/products/	Feb 24, 2011 4:48 AM	75374	59.98	838	0.08	1256.65	13.97	99.79	75374	0	100.00%
200	/products/	Feb 24, 2011 4:49 AM	68384	60.00	760	0.17	1139.73	12.67	199.17	68384	0	100.00%
10	/news/konakart-and-dotcms-join-forces-to	Feb 24, 2011 4:50 AM	18047	59.96	370	0.03	300.98	6.17	9.99	18047	0	100.00%
25	/news/konakart-and-dotcms-join-forces-to	Feb 24, 2011 4:51 AM	31157	59.98	638	0.05	519.46	10.64	24.98	31157	0	100.00%
50	/news/konakart-and-dotcms-join-forces-to	Feb 24, 2011 4:52 AM	33052	59.96	677	0.09	551.23	11.29	49.95	33052	0	100.00%
100	/news/konakart-and-dotcms-join-forces-to	Feb 24, 2011 4:53 AM	2909	59.98	59	0.15	48.50	0.98	7.47	2909	111	96.18%
200	/news/konakart-and-dotcms-join-forces-to	Feb 24, 2011 4:54 AM	594	59.99	12	0.10	9.90	0.20	0.96	594	394	33.67%
10	/events/	Feb 24, 2011 4:55 AM	25	59.96	0	0.02	0.42	0.00	0.01	25	15	40.00%
25	/events/	Feb 24, 2011 4:56 AM	69	59.98	1	0.03	1.15	0.02	0.03	69	44	36.23%
50	/events/	Feb 24, 2011 4:57 AM	145	59.98	2	0.03	2.42	0.03	0.08	145	94	35.17%
100	/events/	Feb 24, 2011 4:58 AM	295	59.97	5	0.05	4.92	0.08	0.26	295	195	33.90%
200	/events/	Feb 24, 2011 4:59 AM	17929	59.98	326	0.39	298.92	5.44	115.40	17929	196	98.91%
10	/company/	Feb 24, 2011 5:00 AM	21502	59.97	290	0.03	358.55	4.84	9.99	21502	0	100.00%
25	/company/	Feb 24, 2011 5:01 AM	48440	59.98	655	0.03	807.60	10.92	24.87	48440	0	100.00%
50	/company/	Feb 24, 2011 5:02 AM	52232	59.93	706	0.06	871.55	11.78	49.93	52232	0	100.00%
100	/company/	Feb 24, 2011 5:03 AM	48682	59.97	658	0.12	811.77	10.97	99.33	48682	0	100.00%
200	/company/	Feb 24, 2011 5:04 AM	42159	59.98	570	0.28	702.88	9.50	194.37	42159	0	100.00%
10	/products/research1	Feb 24, 2011 5:05 AM	50182	59.97	633	0.01	836.79	10.56	9.98	50183	0	100.00%
25	/products/research1	Feb 24, 2011 5:06 AM	88727	59.99	1119	0.02	1479.03	18.65	24.97	88727	0	100.00%
50	/products/research1	Feb 24, 2011 5:07 AM	77246	59.99	974	0.04	1287.65	16.24	49.89	77246	0	100.00%
100	/products/research1	Feb 24, 2011 5:08 AM	94631	59.98	1194	0.06	1577.71	19.91	99.80	94631	0	100.00%
200	/products/research1	Feb 24, 2011 5:09 AM	79776	60.00	1006	0.15	1329.60	16.77	199.00	79776	0	100.00%
			2,132,436	**2,398.62**	**61,319.00**	**0.08**	**889.06**	**25.57**	**62.62**	**2,132,437**		**91.85%**
						0.0858796862641						

Amazon Cluster: 3 Large High CPU, 1 DB / NFS server

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Mar 4, 2011 8:50 PM	75515	59.55	3687	0.01	1268.09	61.91	9.97	75515	0	
25	/html/file.out	Mar 4, 2011 8:51 PM	96308	59.98	4702	0.02	1605.67	78.39	24.96	96308	0	
50	/html/file.out	Mar 4, 2011 8:52 PM	107115	59.98	5230	0.03	1785.85	87.20	49.92	107115	0	
100	/html/file.out	Mar 4, 2011 8:53 PM	107361	59.98	5242	0.06	1789.95	87.40	99.83	107361	0	
200	/html/file.out	Mar 4, 2011 8:54 PM	106381	59.99	5194	0.11	1773.31	86.58	199.69	106381	0	
10	/test/file.out	Mar 4, 2011 8:55 PM	66458	59.96	3245	0.01	1108.37	54.12	9.98	66458	0	
25	/test/file.out	Mar 4, 2011 8:56 PM	97534	59.97	4762	0.02	1626.38	79.41	24.96	97534	0	
50	/test/file.out	Mar 4, 2011 8:57 PM	105313	59.98	5142	0.03	1755.80	85.73	49.82	105313	0	
100	/test/file.out	Mar 4, 2011 8:58 PM	105178	59.99	5135	0.06	1753.26	85.60	99.84	105178	0	
200	/test/file.out	Mar 4, 2011 8:59 PM	107183	59.97	5233	0.11	1787.28	87.26	199.55	107183	0	
10	/	Mar 4, 2011 9:00 PM	13256	59.97	209	0.05	221.04	3.49	9.98	13256	0	
25	/	Mar 4, 2011 9:01 PM	25693	59.96	406	0.06	428.50	6.77	24.97	25693	0	
50	/	Mar 4, 2011 9:02 PM	45597	59.97	722	0.07	760.33	12.04	49.93	45597	0	
100	/	Mar 4, 2011 9:03 PM	54529	59.97	863	0.11	909.27	14.39	99.81	54529	0	
200	/	Mar 4, 2011 9:04 PM	53828	59.99	852	0.22	897.28	14.20	194.45	53828	0	
10	/products/	Mar 4, 2011 9:05 PM	47126	59.95	524	0.01	786.09	8.74	9.99	47126	0	
25	/products/	Mar 4, 2011 9:06 PM	79242	59.99	881	0.02	1320.92	14.69	24.75	79242	0	
50	/products/	Mar 4, 2011 9:07 PM	89344	59.98	993	0.03	1489.56	16.56	49.94	89344	0	
100	/products/	Mar 4, 2011 9:08 PM	106811	59.98	1187	0.06	1780.78	19.79	99.88	106811	0	
200	/products/	Mar 4, 2011 9:09 PM	98891	59.98	1099	0.12	1648.73	18.32	199.45	98892	0	
10	/news/konakart-and-dotcms-join-forces-tc	Mar 4, 2011 9:10 PM	14793	59.97	303	0.04	246.67	5.05	9.98	14793	0	
25	/news/konakart-and-dotcms-join-forces-tc	Mar 4, 2011 9:11 PM	33524	59.99	686	0.04	558.83	11.44	24.95	33524	0	
50	/news/konakart-and-dotcms-join-forces-tc	Mar 4, 2011 9:12 PM	54458	59.98	1115	0.05	907.94	18.59	49.93	54458	0	
100	/news/konakart-and-dotcms-join-forces-tc	Mar 4, 2011 9:13 PM	53255	59.97	1090	0.11	888.03	18.18	97.43	53255	0	
200	/news/konakart-and-dotcms-join-forces-tc	Mar 4, 2011 9:14 PM	56857	59.98	1164	0.21	947.93	19.41	198.74	56857	0	
10	/events/	Mar 4, 2011 9:15 PM	44022	59.97	786	0.01	734.07	13.11	9.97	44022	0	
25	/events/	Mar 4, 2011 9:16 PM	48761	59.98	871	0.03	812.95	14.52	24.97	48761	0	
50	/events/	Mar 4, 2011 9:17 PM	75286	59.99	1345	0.04	1254.98	22.42	49.91	75286	0	
100	/events/	Mar 4, 2011 9:18 PM	147501	59.98	2636	0.04	2459.17	43.95	93.91	147501	0	
200	/events/	Mar 4, 2011 9:19 PM	127388	59.98	2277	0.09	2123.84	37.96	197.81	127388	0	
10	/company/	Mar 4, 2011 9:20 PM	36643	59.97	371	0.02	611.02	6.19	9.99	36643	0	
25	/company/	Mar 4, 2011 9:21 PM	71571	59.98	725	0.02	1193.25	12.09	24.97	71571	0	
50	/company/	Mar 4, 2011 9:22 PM	84799	59.98	859	0.04	1413.79	14.32	49.88	84799	0	
100	/company/	Mar 4, 2011 9:23 PM	81526	59.98	826	0.07	1359.22	13.77	99.81	81527	0	
200	/company/	Mar 4, 2011 9:24 PM	90834	59.98	921	0.12	1514.40	15.36	179.22	90834	0	
10	/products/research1	Mar 4, 2011 9:25 PM	46518	59.98	586	0.01	775.56	9.77	9.98	46518	0	
25	/products/research1	Mar 4, 2011 9:26 PM	90765	59.99	1145	0.02	1513.00	19.09	24.96	90765	0	
50	/products/research1	Mar 4, 2011 9:27 PM	85383	59.98	1077	0.04	1423.52	17.96	49.90	85383	0	
100	/products/research1	Mar 4, 2011 9:28 PM	105589	59.97	1332	0.06	1760.70	22.21	99.85	105589	0	
200	/products/research1	Mar 4, 2011 9:29 PM	103551	60.00	1306	0.11	1725.85	21.77	191.94	103551	5	
			3,041,687	**2,398.69**	**76,729.00**	**0.06**	**1,268.03**	**31.99**	**75.74**	**3,041,689**		
						0.04992044953775						

Amazon Cluster: 1 Large High CPU, 1 DB / NFS Server

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Mar 5, 2011 2:26 AM	65407	59.44	3193	0.01	1100.39	53.72	9.97	65407	0	100.00%
25	/html/file.out	Mar 5, 2011 2:27 AM	88209	59.99	4307	0.02	1470.40	71.80	24.95	88209	0	100.00%
50	/html/file.out	Mar 5, 2011 2:28 AM	93916	59.98	4585	0.03	1565.79	76.44	49.94	93916	0	100.00%
100	/html/file.out	Mar 5, 2011 2:29 AM	96768	59.96	4725	0.06	1613.88	78.80	99.90	96768	0	100.00%
200	/html/file.out	Mar 5, 2011 2:30 AM	95530	59.98	4664	0.12	1592.70	77.76	196.80	95530	0	100.00%
10	/test/file.out	Mar 5, 2011 2:31 AM	46425	59.96	2266	0.01	774.27	37.79	9.98	46425	0	100.00%
25	/test/file.out	Mar 5, 2011 2:32 AM	52077	59.98	2542	0.03	868.24	42.38	24.98	52077	0	100.00%
50	/test/file.out	Mar 5, 2011 2:33 AM	59845	59.98	2922	0.05	997.75	48.72	49.94	59845	0	100.00%
100	/test/file.out	Mar 5, 2011 2:34 AM	61057	60.00	2981	0.10	1017.62	49.68	99.84	61057	0	100.00%
200	/test/file.out	Mar 5, 2011 2:35 AM	60090	59.96	2934	0.20	1002.17	48.93	197.52	60090	0	100.00%
10	/	Mar 5, 2011 2:36 AM	57299	59.98	907	0.01	955.30	15.12	9.97	57299	0	100.00%
25	/	Mar 5, 2011 2:37 AM	62501	59.98	989	0.02	1042.03	16.49	24.98	62501	0	100.00%
50	/	Mar 5, 2011 2:38 AM	81367	60.01	1288	0.04	1355.89	21.46	49.93	81367	0	100.00%
100	/	Mar 5, 2011 2:39 AM	74233	59.98	1175	0.08	1237.63	19.59	99.88	74233	0	100.00%
200	/	Mar 5, 2011 2:40 AM	83590	59.99	1323	0.14	1393.40	22.05	196.22	83590	0	100.00%
10	/products/	Mar 5, 2011 2:41 AM	113733	59.95	1264	0.01	1897.13	21.08	9.96	113733	0	100.00%
25	/products/	Mar 5, 2011 2:42 AM	210857	59.99	2343	0.01	3514.87	39.06	24.87	210857	0	100.00%
50	/products/	Mar 5, 2011 2:43 AM	186827	59.98	2076	0.02	3114.82	34.61	49.89	186827	0	100.00%
100	/products/	Mar 5, 2011 2:44 AM	156552	59.97	1740	0.04	2610.51	29.01	99.86	156552	0	100.00%
200	/products/	Mar 5, 2011 2:45 AM	169066	59.98	1879	0.07	2818.71	31.33	197.99	169066	0	100.00%
10	/news/konakart-and-dotcms-join-forces-to	Mar 5, 2011 2:46 AM	40780	59.97	835	0.01	680.01	13.92	9.98	40780	0	100.00%
25	/news/konakart-and-dotcms-join-forces-to	Mar 5, 2011 2:47 AM	44071	59.97	902	0.03	734.88	15.04	24.98	44071	0	100.00%
50	/news/konakart-and-dotcms-join-forces-to	Mar 5, 2011 2:48 AM	66081	59.99	1353	0.05	1101.53	22.55	49.93	66081	0	100.00%
100	/news/konakart-and-dotcms-join-forces-to	Mar 5, 2011 2:49 AM	83065	59.96	1701	0.07	1385.34	28.37	99.89	83065	0	100.00%
200	/news/konakart-and-dotcms-join-forces-to	Mar 5, 2011 2:50 AM	85393	60.00	1748	0.14	1423.22	29.13	197.42	85393	0	100.00%
10	/events/	Mar 5, 2011 2:51 AM	54749	59.90	978	0.01	914.01	16.33	9.97	54749	0	100.00%
25	/events/	Mar 5, 2011 2:52 AM	60849	59.98	1087	0.02	1014.49	18.12	24.97	60849	0	100.00%
50	/events/	Mar 5, 2011 2:53 AM	78814	59.98	1408	0.04	1314.00	23.47	49.95	78814	0	100.00%
100	/events/	Mar 5, 2011 2:54 AM	92745	59.99	1657	0.06	1546.01	27.62	99.85	92745	0	100.00%
200	/events/	Mar 5, 2011 2:55 AM	95799	60.00	1712	0.12	1596.65	28.53	195.80	95799	0	100.00%
10	/company/	Mar 5, 2011 2:56 AM	101976	59.95	1033	0.01	1701.02	17.23	9.97	101976	0	100.00%
25	/company/	Mar 5, 2011 2:57 AM	187985	59.98	1905	0.01	3134.13	31.76	24.86	187985	0	100.00%
50	/company/	Mar 5, 2011 2:58 AM	181837	59.98	1843	0.02	3031.63	30.73	49.88	181837	0	100.00%
100	/company/	Mar 5, 2011 2:59 AM	171872	59.99	1742	0.03	2865.01	29.04	99.74	171872	0	100.00%
200	/company/	Mar 5, 2011 3:00 AM	171939	59.98	1742	0.07	2866.61	29.04	197.52	171939	0	100.00%
10	/products/research1	Mar 5, 2011 3:01 AM	111409	59.96	1405	0.01	1858.06	23.43	9.97	111409	0	100.00%
25	/products/research1	Mar 5, 2011 3:02 AM	157222	59.99	1983	0.01	2620.80	33.06	24.92	157222	0	100.00%
50	/products/research1	Mar 5, 2011 3:03 AM	157010	59.98	1980	0.02	2617.71	33.01	49.91	157010	0	100.00%
100	/products/research1	Mar 5, 2011 3:04 AM	145308	59.99	1832	0.04	2422.20	30.54	99.76	145308	0	100.00%
200	/products/research1	Mar 5, 2011 3:05 AM	143271	59.97	1807	0.08	2389.04	30.13	196.75	143271	2	100.00%
			4,147,524	**2,398.55**	**80,756.00**	**0.05**	**100.00**	**33.67**	**76.33**	**4,147,524**		**100.00%**
						0.04501851470969						

Amazon Cluster: 2 Large High CPU, 1 DB / NFS Server

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Mar 8, 2011 3:22 AM	104017	59.15	1647	0.01	1758.53	27.84	9.96	104017	0	100.00%
25	/html/file.out	Mar 8, 2011 3:23 AM	155983	59.97	2470	0.01	2601.02	41.19	24.91	155983	0	100.00%
50	/html/file.out	Mar 8, 2011 3:24 AM	171464	59.99	2715	0.02	2858.21	45.26	49.88	171464	0	100.00%
100	/html/file.out	Mar 8, 2011 3:25 AM	188703	59.97	2988	0.03	3146.62	49.82	99.82	188703	0	100.00%
200	/html/file.out	Mar 8, 2011 3:26 AM	194644	59.99	3082	0.06	3244.61	51.38	198.32	194644	0	100.00%
10	/test/file.out	Mar 8, 2011 3:27 AM	125593	59.97	1396	0.00	2094.26	23.28	9.95	125593	0	100.00%
25	/test/file.out	Mar 8, 2011 3:28 AM	218133	59.98	2424	0.01	3636.76	40.41	24.84	218134	0	100.00%
50	/test/file.out	Mar 8, 2011 3:29 AM	228653	59.98	2541	0.01	3812.15	42.36	49.87	228653	0	100.00%
100	/test/file.out	Mar 8, 2011 3:30 AM	227690	60.00	2531	0.03	3794.83	42.18	99.81	227690	0	100.00%
200	/test/file.out	Mar 8, 2011 3:31 AM	231143	59.96	2569	0.05	3854.95	42.85	199.40	231143	0	100.00%
10	/	Mar 8, 2011 3:32 AM	67100	59.98	1374	0.01	1118.71	22.91	9.97	67100	0	100.00%
25	/	Mar 8, 2011 3:33 AM	100968	59.99	2068	0.01	1683.08	34.47	24.95	100968	0	100.00%
50	/	Mar 8, 2011 3:34 AM	135003	59.97	2766	0.02	2251.18	46.12	49.88	135003	0	100.00%
100	/	Mar 8, 2011 3:35 AM	158036	59.98	3238	0.04	2634.81	53.98	99.80	158036	0	100.00%
200	/	Mar 8, 2011 3:36 AM	166490	60.00	3411	0.07	2774.83	56.85	196.95	166490	7	100.00%
10	/products/	Mar 8, 2011 3:37 AM	90721	59.93	1690	0.01	1513.78	28.20	9.97	90722	0	100.00%
25	/products/	Mar 8, 2011 3:38 AM	127445	59.99	2375	0.01	2124.44	39.59	24.93	127445	0	100.00%
50	/products/	Mar 8, 2011 3:39 AM	166208	59.98	3097	0.02	2771.06	51.63	49.88	166208	0	100.00%
100	/products/	Mar 8, 2011 3:40 AM	191597	59.99	3570	0.03	3193.82	59.51	99.79	191597	0	100.00%
200	/products/	Mar 8, 2011 3:41 AM	182175	59.99	3394	0.06	3036.76	56.58	197.07	182175	4	100.00%
10	/news/konakart-and-dotcms-join-forces-tc	Mar 8, 2011 3:42 AM	126364	59.96	1280	0.00	2107.47	21.35	9.95	126364	0	100.00%
25	/news/konakart-and-dotcms-join-forces-tc	Mar 8, 2011 3:43 AM	186972	59.99	1895	0.01	3116.72	31.59	24.90	186972	0	100.00%
50	/news/konakart-and-dotcms-join-forces-tc	Mar 8, 2011 3:44 AM	166208	59.92	1684	0.02	2773.83	28.10	49.91	166208	0	100.00%
100	/news/konakart-and-dotcms-join-forces-tc	Mar 8, 2011 3:45 AM	146545	59.98	1485	0.04	2443.23	24.76	99.76	146545	0	100.00%
200	/news/konakart-and-dotcms-join-forces-tc	Mar 8, 2011 3:46 AM	119465	59.97	1210	0.10	1992.08	20.18	198.78	119465	0	100.00%
10	/events/	Mar 8, 2011 3:47 AM	93242	59.98	1176	0.01	1554.55	19.61	9.97	93242	0	100.00%
25	/events/	Mar 8, 2011 3:48 AM	123947	59.97	1563	0.01	2066.82	26.06	24.95	123947	0	100.00%
50	/events/	Mar 8, 2011 3:49 AM	104545	59.98	1318	0.03	1743.00	21.97	49.92	104545	0	100.00%
100	/events/	Mar 8, 2011 3:50 AM	81570	59.98	1028	0.07	1359.95	17.14	99.59	81570	0	100.00%
200	/events/	Mar 8, 2011 3:51 AM	75323	59.97	950	0.16	1256.01	15.84	198.51	75323	0	100.00%
10	/company/	Mar 8, 2011 3:52 AM	75594	59.96	3691	0.01	1260.74	61.56	9.98	75594	0	100.00%
25	/company/	Mar 8, 2011 3:53 AM	94583	59.99	4618	0.02	1576.65	76.98	24.96	94583	0	100.00%
50	/company/	Mar 8, 2011 3:54 AM	104176	59.98	5086	0.03	1736.85	84.79	49.94	104176	0	100.00%
100	/company/	Mar 8, 2011 3:55 AM	102484	59.97	5004	0.06	1708.92	83.44	99.88	102484	0	100.00%
200	/company/	Mar 8, 2011 3:56 AM	101484	59.97	4955	0.12	1692.25	82.62	199.67	101484	0	100.00%
10	/products/research1	Mar 8, 2011 3:57 AM	61562	59.96	3005	0.01	1026.72	50.12	9.98	61562	0	100.00%
25	/products/research1	Mar 8, 2011 3:58 AM	93839	59.98	4581	0.02	1564.50	76.38	24.96	93839	0	100.00%
50	/products/research1	Mar 8, 2011 3:59 AM	100430	60.00	4903	0.03	1673.83	81.72	49.94	100430	0	100.00%
100	/products/research1	Mar 8, 2011 4:00 AM	102751	59.97	5017	0.06	1713.37	83.66	99.70	102751	0	100.00%
200	/products/research1	Mar 8, 2011 4:01 AM	101646	59.97	4963	0.12	1694.95	82.76	199.63	101646	0	100.00%
			5,394,496	**2,398.21**	**110,758.00**	**0.04**	**2,249.17**	**46.18**	**76.62**	**5,394,498**		**100.00%**
						0.03636002313051						

Amazon Cluster: 3 Large High CPU, 1 DB / NFS server

concur	What	Date & Time	Trans	Elap Time	Data Trans	Resp Time	Trans Rate	Throughput	Concurrent	OKAY	Failed	Availabiliy
10	/html/file.out	Mar 7, 2011 3:29 PM	74600	59.78	3642	0.01	1247.91	60.92	9.98	74600	0	100.00%
25	/html/file.out	Mar 7, 2011 3:30 PM	96533	59.97	4713	0.02	1609.69	78.59	24.96	96533	0	100.00%
50	/html/file.out	Mar 7, 2011 3:31 PM	100723	60.00	4918	0.03	1678.72	81.97	49.94	100723	0	100.00%
100	/html/file.out	Mar 7, 2011 3:32 PM	103799	59.95	5068	0.06	1731.43	84.54	99.90	103799	0	100.00%
200	/html/file.out	Mar 7, 2011 3:33 PM	102732	59.99	5016	0.12	1712.49	83.61	199.62	102732	0	100.00%
10	/test/file.out	Mar 7, 2011 3:34 PM	63333	59.98	3092	0.01	1055.90	51.55	9.98	63333	0	100.00%
25	/test/file.out	Mar 7, 2011 3:35 PM	94284	59.97	4603	0.02	1572.19	76.76	24.96	94284	0	100.00%
50	/test/file.out	Mar 7, 2011 3:36 PM	101180	60.00	4940	0.03	1686.33	82.33	49.90	101180	0	100.00%
100	/test/file.out	Mar 7, 2011 3:37 PM	103163	59.98	5037	0.06	1719.96	83.98	99.84	103163	0	100.00%
200	/test/file.out	Mar 7, 2011 3:38 PM	101508	59.97	4956	0.12	1692.65	82.64	199.67	101508	0	100.00%
10	/	Mar 7, 2011 3:39 PM	103767	59.97	1643	0.01	1730.32	27.40	9.96	103767	0	100.00%
25	/	Mar 7, 2011 3:40 PM	159534	59.98	2526	0.01	2659.79	42.11	24.91	159535	0	100.00%
50	/	Mar 7, 2011 3:41 PM	195851	59.99	3101	0.02	3264.73	51.69	49.83	195851	0	100.00%
100	/	Mar 7, 2011 3:42 PM	197186	59.98	3122	0.03	3287.53	52.05	99.80	197186	0	100.00%
200	/	Mar 7, 2011 3:43 PM	194945	59.98	3087	0.06	3250.17	51.47	197.89	194945	0	100.00%
10	/products/	Mar 7, 2011 3:44 PM	133574	59.99	1484	0.00	2226.60	24.74	9.95	133574	0	100.00%
25	/products/	Mar 7, 2011 3:45 PM	218650	59.97	2430	0.01	3645.99	40.52	24.85	218650	0	100.00%
50	/products/	Mar 7, 2011 3:46 PM	235781	59.98	2620	0.01	3930.99	43.68	49.84	235781	0	100.00%
100	/products/	Mar 7, 2011 3:47 PM	240883	59.98	2677	0.02	4016.06	44.63	99.82	240883	0	100.00%
200	/products/	Mar 7, 2011 3:48 PM	218945	59.99	2433	0.05	3649.69	40.56	198.71	218945	0	100.00%
10	/news/konakart-and-dotcms-join-forces-to	Mar 7, 2011 3:49 PM	76016	59.95	1556	0.01	1267.99	25.95	9.97	76016	0	100.00%
25	/news/konakart-and-dotcms-join-forces-to	Mar 7, 2011 3:50 PM	108002	59.99	2211	0.01	1800.33	36.86	24.95	108002	0	100.00%
50	/news/konakart-and-dotcms-join-forces-to	Mar 7, 2011 3:51 PM	166208	59.99	3405	0.02	2770.60	56.76	49.88	166208	0	100.00%
100	/news/konakart-and-dotcms-join-forces-to	Mar 7, 2011 3:52 PM	163160	59.98	3343	0.04	2720.24	55.74	99.73	163160	0	100.00%
200	/news/konakart-and-dotcms-join-forces-to	Mar 7, 2011 3:53 PM	176410	59.98	3614	0.07	2941.15	60.25	195.77	176410	7	100.00%
10	/events/	Mar 7, 2011 3:54 PM	95107	59.98	1772	0.01	1585.65	29.54	9.96	95107	0	100.00%
25	/events/	Mar 7, 2011 3:55 PM	154899	59.92	2886	0.01	2585.10	48.16	24.91	154899	0	100.00%
50	/events/	Mar 7, 2011 3:56 PM	163312	59.98	3043	0.02	2722.77	50.73	49.90	163312	0	100.00%
100	/events/	Mar 7, 2011 3:57 PM	191876	59.99	3575	0.03	3198.47	59.59	99.78	191876	0	100.00%
200	/events/	Mar 7, 2011 3:58 PM	188399	59.98	3510	0.06	3141.03	58.52	199.25	188399	1	100.00%
10	/company/	Mar 7, 2011 3:59 PM	145431	59.96	1474	0.00	2425.47	24.58	9.94	145432	0	100.00%
25	/company/	Mar 7, 2011 4:00 PM	220352	59.99	2233	0.01	3673.15	37.22	24.85	220352	0	100.00%
50	/company/	Mar 7, 2011 4:01 PM	234369	59.96	2375	0.01	3908.76	39.61	49.86	234369	0	100.00%
100	/company/	Mar 7, 2011 5:31 PM	231672	59.40	2348	0.03	3900.20	39.53	99.73	231672	0	100.00%
200	/company/	Mar 7, 2011 5:32 PM	234540	59.36	2377	0.05	3951.15	40.04	199.31	234540	0	100.00%
10	/products/research1	Mar 7, 2011 5:36 PM	120671	59.38	1522	0.00	2032.18	25.63	9.96	120672	0	100.00%
25	/products/research1	Mar 7, 2011 5:40 PM	211279	59.30	2665	0.01	3562.88	44.94	24.84	211279	0	100.00%
50	/products/research1	Mar 7, 2011 5:37 PM	219491	59.32	2768	0.01	3700.12	46.66	49.84	219491	0	100.00%
100	/products/research1	Mar 7, 2011 5:38 PM	219882	59.90	2773	0.03	3670.82	46.29	99.83	219882	0	100.00%
200	/products/research1	Mar 7, 2011 5:41 PM	217036	59.78	2737	0.05	3630.58	45.78	198.34	217036	1	100.00%
			6,379,083	**2,395.49**	**123,295.00**	**0.03**	**2,663.94**	**51.45**	**76.62**	**6,379,086**		**100.00%**
						0.02846049894152						

References

1 11,923,200,000 = (4600 per second * 60 seconds * 60 minutes* 24 hours * 30 days). For more information on raw benchmarks and concurrency, see section entitled : On Benchmarks and Concurrency

2 e.g. the starter site was never intended to be the subject of benchmarks or performance testing.

3 For more information regarding the various Amazon instance types, see the following: **http://aws.amazon.com/ec2/instance-types/**

4 The Block Cache, introduced in dotCMS 1.9.1.4, allows template creators to cache arbitrary blocks of content on any given page. This allows for a page to be partially rendered dynamically and partially render as static, and can be used to accelerate performance hotspots and or remote points of integration. The performance benefits of the block cache are outside the scope of these tests, but the block cache offers developers the control to balance dynamic page rendering with static performance.