Rank	Image	Description	Downloads	Stars	Layers	Certified	Workload
1	Hadoop	A framework that allows for the distributed processing of large data sets across clusters of computers using simple programming models	56283	105	pam:centos-6.5, Java, Hadoop	No	Execution in a non-distributed mode of the hadoop-mapreduce-examples-2.6.0.jar default example. It takes a directory as input and then finds and displays every match of the given regular expression https://registry.hub.docker.com/u/sequenceiq/hadoop-docker/.
2	Java	A concurrent, class-based, object-oriented language specifically designed to minimize dependencies	232760	177	ubuntu,Java	Yes	Generated by the benchmark SPECjvm2008 http://www.spec.org/jvm2008/.
3	Node.js	A JavaScript-based platform for scalable server-side and networking applications designed to maximize throughput and efficiency.	110813	526	buildpack-deps:jessie, GNU Privacy Guard, Node.js	Yes	30000 HTTP Get requests sent at a fixed rate of 100 per second.
4	PHP	a server-side scripting language designed for web development	84603	189	debian:jessie, gpg, PHP	Yes	Same as Node.js
5	Nginx	An open source reverse proxy server for HTTP, HTTPS, SMTP, POP3, and IMAP protocols, as well as a load balancer, HTTP cache, and a web server (origin server).	2,162,845	661	debian:wheezy, nginx	Yes	Same as Node.js
6	MongoDB	An open-source, cross-platform, document-oriented (NoSQL) database.	915,250	453	debian:wheezy, gosu, mangoDB	Yes	Generated by the tool Mongo-perf https://github.com/mongodb/mongo-perf.
7	MySQL	An open-source relational database management system	2343029	471	debian:wheezy, gpg, MySQL	Yes	Execution of all the tests available in the MySQL benchmark suite http://dev.mysql.com/doc/refman/5.0/en/mysql-benchmarks.html.
8	PostgreSQL	An object-relational database management system with an emphasis on extensibility and standards-compliance	1045192	672	debian:wheezy, gosu, gpg,	Yes	4 clients generating 2000 transactions using the pgbench utility http://www.postgresql.org/docs/devel/static/pgbench.html.
9	Python	An interpreted, interactive, object-oriented, open-source programming language	444803	195	buildpack-deps:jessie, Python	Yes	Execution of the 2to3 benchmark available in the Unladen Swallow benchmark suite https://code.google.com/p/unladen-swallow/wiki/Benchmarks.
10	Redis	An open-source highly popular key-value data store with optional durability (written in ANSI C).	945,507	525	debian:wheezy, gosu, Redis Sentinel, Redis	Yes	10000 requests sent by 50 parallel clients using the redis-benchmark utility http://redis.io/topics/benchmarks.

Table 1: Docker images used for the evaluation