CCA-505 Q&As

Cloudera Certified Administrator for Apache Hadoop (CCAH) CDH5 Upgrade Exam

Pass Cloudera CCA-505 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.passapply.com/cca-505.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cloudera Official Exam Center

QUESTION 1

Identify two features/issues that YARN is designed to address:

A. Standardize on a single MapReduce API

B. Single point of failure in the NameNode

C. Reduce complexity of the MapReduce APIs

D. Resource pressures on the JobTracker

E. Ability to run frameworks other than MapReduce, such as MPI

F. HDFS latency

Correct Answer: DE

QUESTION 2

You have converted your Hadoop cluster from a MapReduce 1 (MRv1) architecture to a MapReduce 2 (MRv2) on YARN architecture. Your developers are accustomed to specifying map and reduce tasks (resource allocation) tasks when they run jobs. A developer wants to know how specify to reduce tasks when a specific job runs. Which method should you tell that developer to implement?

A. Developers specify reduce tasks in the exact same way for both MapReduce version 1 (MRv1) and MapReduce version 2 (MRv2) on YARN. Thus, executing p mapreduce.job.reduce-2 will specify 2 reduce tasks.

B. In YARN, the ApplicationMaster is responsible for requesting the resources required for a specific job. Thus, executing p yarn.applicationmaster.reduce.tasks-2 will specify that the ApplicationMaster launch two task containers on the worker nodes.

C. In YARN, resource allocation is a function of megabytes of memory in multiple of 1024mb. Thus, they should specify the amount of memory resource they need by executing D mapreduce.reduce.memory-mp-2040

D. In YARN, resource allocation is a function of virtual cores specified by the ApplicationMaster making requests to the NodeManager where a reduce task is handled by a single container (and this a single virtual core). Thus, the developer needs to specify the number of virtual cores to the NodeManager by executing p yarn.nodemanager.cpu-vcores=2

E. MapReduce version 2 (MRv2) on YARN abstracts resource allocation away from the idea of "tasks" into memory and virtual cores, thus eliminating the need for a developer to specify the number of reduce tasks, and indeed preventing the developer from specifying the number of reduce tasks.

Correct Answer: D

QUESTION 3

Which YARN process runs as "controller O" of a submitted job and is responsible for resource requests?

A. ResourceManager

B. NodeManager

C. JobHistoryServer

D. ApplicationMaster

E. JobTracker

F. ApplicationManager

Correct Answer: D

QUESTION 4

On a cluster running MapReduce v2 (MRv2) on YARN, a MapReduce job is given a directory of 10 plain text as its input directory. Each file is made up of 3 HDFS blocks. How many Mappers will run?

A. We cannot say; the number of Mappers is determined by the RsourceManager

B. We cannot say; the number of Mappers is determined by the ApplicationManager

C. We cannot say; the number of Mappers is determined by the developer

D. 30

E. 3

F. 10

Correct Answer: E

QUESTION 5

Which Yarn daemon or service monitors a Container\\'s per-application resource usage (e.g, memory, CPU)?

A. NodeManager

B. ApplicationMaster

C. ApplicationManagerService

D. ResourceManager

Correct Answer: A