Session 2: Hadoop Framework Description

Assignment 2

Assignment 2 – Try the given quiz questions and provide the answers in a word document.

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1. Introduction

In this assignment, you need to select one right choice for the questions given on the topics discussed.

2. Objective

This assignment will help you to consolidate the concepts learnt so far.

3. Prerequisites:
None

4. Associated Data Files
None

5. Problem Statement:

1. Minimum number of reducers that can be set:
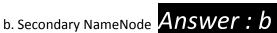
a. 0

b. 1 *Answer: b*

c. 2

d. 4

2. Who calls the submit method on job?

a. Resource Manager *Answer: a*

b. Client

c. Master

d. Node Manager

3. Once the NameSpace edits are done, these are periodically updated to?

a. Active NameNode

b. Secondary NameNode *Answer : b*

c. Both of these

d. None of these

4. Full form of YARN?

a. Yet Another Resource Negotiation

b. Yet Another Resource Negotiator *Answer : b*

c. Yet Another Resource Node

d. None of these

5. For every ___ seconds, a name node receives heart beats from data nodes.

a. 5sec *Answer : a*

b. 10sec

c. 3sec

d. 4sec

6. Master layer in Hadoop Architecture contains:

a. Name Node & Resource Manger *Answer : a*

b. Slave nodes & Node Manager

c. Name Node & Node Manager

d. Slave nodes & Resource Manager

7. For every job submitted to Resource Manager, it returns an acknowledgement in the form of:

a. Application

b. AppId

c. All the above

d. None of these *Answer : d*

8. A container is supervised by:

a. NodeManager

b. ResourceManager *Answer : b*

c. NameNode

d. Secondary NameNode

9. Who manages the file system, Namespace?

a. Namenode *Answer : a*

b. Datanode

c. Secondary Namenode

d. None of these

10. Metadata information in the Namenode is present in which file?

a. fsimage

b. sfimage

c. fdimage *Answer : c*

d. dfimage

6. Expected Output

None

7. Approximate Time to Complete Task

10 mins