*Big Data Developer*



Session 2: Hadoop

Framework Description

Assignment 2

**A C A D G I L D Page 1**

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

**Table of Contents**

1. Introduction .......................................................................................................................................... 3

2. Objective ............................................................................................................................................... 3

3. Prerequisites: ........................................................................................................................................ 3

4. Associated Data Files ............................................................................................................................ 3

5. Problem Statement: .............................................................................................................................. 3

6. Expected Output ................................................................................................................................... 5

7. Approximate Time to Complete Task ................................................................................................... 5



|  |  |  |  |
| --- | --- | --- | --- |
|  | **A C A D G I L D** | **Page 2** |  |
|  |  | | |

**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 c. 2 d. 4

**Solution: b**

**2. Who calls the submit method on job?**

a. Resource Manager b. Client

c. Master

d. Node Manager

**Solution: b**

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

a. Active NameNode

b. Secondary NameNode c. Both of these

d. None of these



**Solution: b**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **A C A D G I L D** | **Page 3** |  |
|  |  | | |

**4. Full form of YARN?**

a. Yet Another Resource Negotiation b. Yet Another Resource Negotiator c. Yet Another Resource Node

d. None of these

**Solution: b**

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

a. 5sec b. 10sec c. 3sec

d. 4sec

**Solution: b**

**6. Master layer in Hadoop Architecture contains:**

a. Name Node & Resource Manger b. Slave nodes & Node Manager

c. Name Node & Node Manager

d. Slave nodes & Resource Manager

**Solution: c**

**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



**Solution: b**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **A C A D G I L D** | **Page 4** |  |
|  |  | | |

**8. A container is supervised by:**

a. NodeManager

b. ResourceManager c. NameNode

d. Secondary NameNode

**Solution: a**

**9. Who manages the file system, Namespace?**

a. Namenode b. Datanode

c. Secondary Namenode

d. None of these

**Solution: a**

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

a. fsimage b. sfimage c. fdimage d. dfimage

**Solution: a**

**6. Expected Output**

None

**7. Approximate Time to Complete Task**

10 mins



|  |  |  |  |
| --- | --- | --- | --- |
|  | **A C A D G I L D** | **Page 5** |  |
|  |  | | |