



BIG DATA & HADOOP  
ADMINISTRATION

**ACADGILD**

# Session 2: Hadoop

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## Assignment 1

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## 1. Introduction

In this assignment, you need to select one option for the questions given on the topics discussed in the second session.

## 2. Objective

This assignment will help you to consolidate the concepts learnt in the session 2.

## 3. Prerequisites

Not applicable

## 4. Associated Data Files

Not applicable

## 5. Problem Statement

What is the default block size in HDFS?

- A. 64 MB
- B. 128 MB
- C. 1 GB
- D. 512 MB

2. Which of the following is not an advantage of Hadoop?

- A. It's economical
- B. It's volatile
- C. It's scalable
- D. It's Reliable

3. What takes care of the processing part in Hadoop?

- A. HDFS
- B. Datanode
- C. MapReduce
- D. None of the above

4. The backup of primary Namenode in Hadoop 1 is known as;
- A. Secondary Namenode
  - B. Standby Namenode
  - C. Passive Namenode
  - D. Neutral Namenode
5. By default, how often does secondary Namenode copy metadata from primary?
- A. Every half an hour
  - B. Every one hour
  - C. Every 10 minutes
  - D. Every day
6. When do we call Single point of Failure in MR1?
- A. When Name node fails
  - B. When Data node fails
  - C. When Job Tracker fails
  - D. Both a or b
7. Which tool in Hadoop 1.x allows users/client to work on Streaming data?
- A. Apache Storm
  - B. Spark
  - C. Both a & b
  - D. None of the above
8. Which is the best scaling in Hadoop?
- A. Vertical
  - B. Horizontal
  - C. Both a & b
  - D. None of them
9. Which daemon Schedules Tasks in Hadoop 1?
- A. Task Tracker
  - B. Job Client
  - C. Job Tracker
  - D. Name node

10. Java = write once run anywhere. Hadoop =?

- A. Write once read many times
- B. Write once run anywhere
- C. Write read alter anywhere
- D. Write read alter

## **6. Expected Output**

## **7. Approximate Time to Complete Task**