

“Hadoop I/O”.

1. Hadoop I/O Hadoop comes with a set of _____ for data I/O.

- a) methods
- b) commands
- c) classes
- d) none of the mentioned

Answer: d

Explanation: Hadoop I/O consist of primitives for serialization and deserialization.

2. Point out the correct statement.

- a) The sequence file also can contain a “secondary” key-value list that can be used as file Metadata
- b) SequenceFile formats share a header that contains some information which allows the reader to recognize its format
- c) There’re Key and Value Class Name’s that allow the reader to instantiate those classes, via reflection, for reading
- d) All of the mentioned

Answer: d

Explanation: In contrast with other persistent key-value data structures like B-Trees, you can’t seek to a specified key editing, adding or removing it.

3. Apache Hadoop _____ provides a persistent data structure for binary key-value pairs.

- a) GetFile
- b) SequenceFile
- c) Putfile
- d) All of the mentioned

Answer: b

Explanation: SequenceFile is append-only.

4. How many formats of SequenceFile are present in Hadoop I/O?

- a) 2
- b) 3
- c) 4
- d) 5

Answer: b