Intro to Hadoop

13 questions

1 point

1

What does IaaS provide?

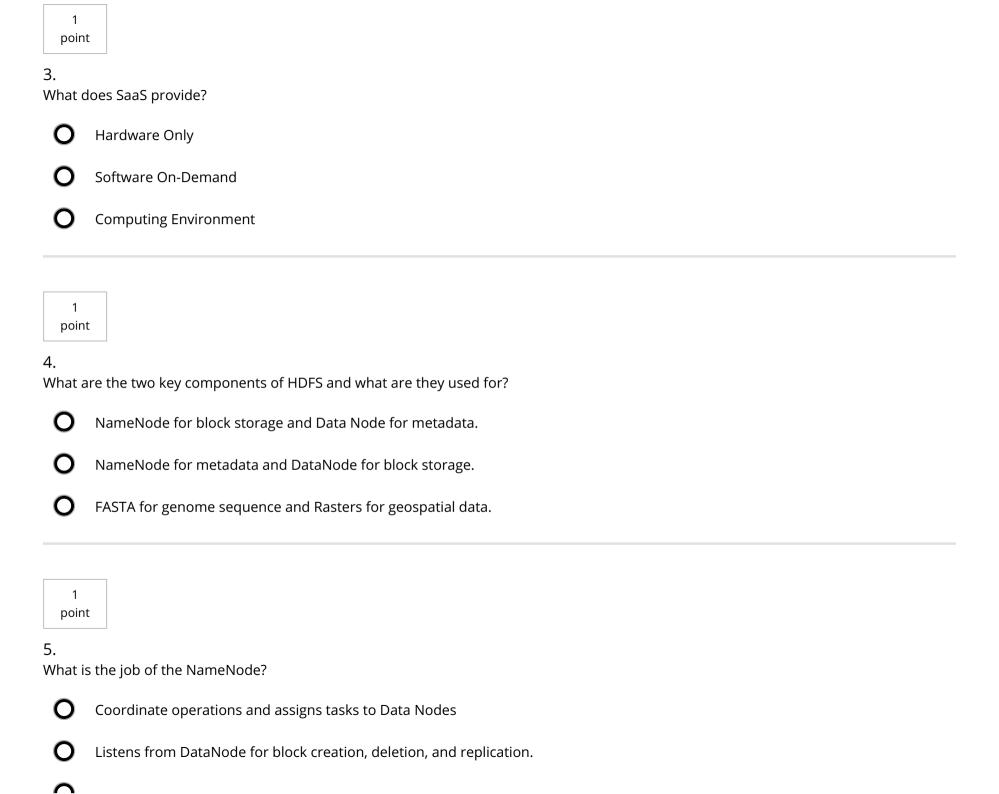
- O Hardware Only
- O Software On-Demand
- O Computing Environment

1 point

2.

What does PaaS provide?

- O Hardware Only
- O Software On-Demand
- O Computing Environment



O	For gene sequencing calculations.
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6. What a	are the three steps to Map Reduce?
0	Shuffle and Sort -> Reduce -> Map
0	Shuffle and Sort -> Map -> Reduce
0	Map -> Reduce -> Shuffle and Sort
0	Map -> Shuffle and Sort -> Reduce
1 poin	t
7. What i	s a benefit of using pre-built Hadoop images?
0	Quick prototyping, deploying, and validating of projects.
0	Guaranteed hardware support.
0	Quick prototyping, deploying, and guaranteed bug free.
0	Less software choices to choose from.

8. What is	s an example of open-source tools built for Hadoop and what does it do?
0	Pig, for real-time and in-memory processing of big data.
0	Giraph, for processing large-scale graphs.
0	Zookeeper, analyze social graphs.
0	Giraph, for SQL-like queries.
9. What is	ts the difference between low level interfaces and high level interfaces? Low level deals with storage and scheduling while high level deals with interactivity. Low level deals with interactivity while high level deals with storage and scheduling.
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Which	of the following are problem sto look out for when you want to integrate your project with Hadoop?
	Random Data Access
	Advanced Alogrithms
	Infrastructure Replacement
	Task Level Parallelism

	Data Level Parallelism
1 poin	t
11. As cov	ered in the slides, which of the following are the major goals of Hadoop?
	Latency Sensitive Tasks
	Handle Fault Tolerance
	Facilitate a Shared Environment
	Enable Scalability
	Provide Value for Data
	Optimized for a Variety of Data Types
1 poin	t
12. What i	s the purpose of YARN?
0	Allows various applications to run on the same Hadoop cluster.
0	Enables large scale data across clusters.
0	Implementation of Map Reduce.