

Which of the following is the best description of why it is important to learn about the foundations in big data?



Foundations stand the test of time.



Understanding of practical concepts in Hadoop allows solid foundation.



Since foundations can be retained for a long time, Hadoop should be learned.



Foundations allow understanding of practical concepts in Hadoop.

**Correct Response**

See [this video](#) to review.

Correct

1 / 1 points

2.

What is the benefit of a commodity cluster?



Cost Effective

**Correct Response**

See [this video](#) to review.



Much faster than a traditional super computer.



Prevents network connection failure.



Prevents individual component failures.

Correct

1 / 1 points

3.

What is a way to enable fault tolerance?



Data-Parallel Job Restart

**Correct Response**

See [this video](#) to review.



Better LAN Connection



Distributed Computing



System Wide Restart

Correct

1 / 1 points

4.

What is **NOT** a benefit specific to a distributed file system?



High Fault Tolerance



Data Scalability



High Concurrency



Large Storage

**Correct Response**

This is not a benefit specific to DFS, it is a benefit to long-term information storage, which is a more general idea. See [this video](#) to review.

Correct

1 / 1 points

5.

Which of the following is **NOT** a general requirement for a programming language in order to support big data models?



Optimization of Specific Data Types



Enable Adding of More Racks



Support Big Data Operations



Utilize Map Reduction Methods

**Correct Response**

See [this video](#) to review.



Handle Fault Tolerance