



Let's Reach For Excellence!

TAN DUC INFORMATION TECHNOLOGY SCHOOL JSC

Address: 103 Pasteur, Dist.1, HCMC

Tel: 08 38245819; 38239761

Email: traincert@tdt-tanduc.com

Website: www.tdt-tanduc.com; www.tanducits.com

Exam Readiness: AWS Certified Big Data - Specialty

Duration: 01 day

This course helps you prepare for the AWS Certified Big Data - Specialty exam by taking a deep dive into several data-driven use cases. It is intended for individuals with a Cloud Practitioner or Associate-level AWS certification and two or more years of experience performing complex big data analysis.

AUDIENCE

This course is intended for:

- Solutions architects
- SysOps administrators
- Data scientists
- Data analysts

We recommend that attendees of this course have the following prerequisites:

- Familiarity with big data technologies, including Apache Hadoop, Hadoop Distributed File System (HDFS), and SQL/NoSQL querying
- Big Data Technology Fundamentals digital training or equivalent experience
- Working knowledge of core AWS services and public cloud implementation
- AWS Technical Essentials or equivalent experience
- Understanding of data warehousing, relational database systems, and database design

AT COURSE COMPLETION

In this course, you will learn how to:

- Fit AWS solutions inside a big data ecosystem
- Leverage Apache Hadoop in the context of Amazon EMR
- Identify the components of an Amazon EMR cluster, then launch and configure an Amazon EMR cluster
- Use common programming frameworks available for Amazon EMR, including Hive, Pig, and streaming
- Improve the ease of use of Amazon EMR by using Hadoop User Experience (Hue)
- Use in-memory analytics with Apache Spark on Amazon EMR
- Choose appropriate AWS data storage options
- Identify the benefits of using Amazon Kinesis for near real-time Big Data processing
- Leverage Amazon Redshift to efficiently store and analyze data
- Comprehend and manage costs and security for a Big Data solution
- Identify options for ingesting, transferring, and compressing data
- Leverage Amazon Athena for ad-hoc query analytics
- Use AWS Glue to automate extract, transform, and load (ETL) workloads
- Use visualization software to depict data and queries using Amazon QuickSight