

**ACT82003: Alibaba Cloud E-MapReduce**

Course Code: ACT82003

Duration: 1 day

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

**OVERVIEW**

Alibaba Cloud Elastic MapReduce (E-MapReduce) is a system solution for big data processing that runs on the Alibaba Cloud platform. E-MapReduce is built on Alibaba Cloud Elastic Compute Service (ECS) and is based on open-source Apache Hadoop and Apache Spark. It facilitates the use of other peripheral systems (for example, Apache Hive) in the Hadoop and Spark ecosystems to analyze and process data. You can also easily import data to and export data from other cloud data storage systems and database systems, such as Alibaba Cloud OSS and Alibaba Cloud RDS.

**SKILLS COVERED**

- Understand the advantages (cost, performance, resilience) of Hadoop applications on Alibaba Cloud.
- Understand the migration process and application of Hadoop from traditional Hadoop to Alibaba Cloud EMR.
- Get hands-on opportunities of Alibaba Cloud EMR.

**WHO SHOULD ATTEND?**

Data Developers and Engineers Based on Hadoop, that are Looking for a similar solution in Alibaba Cloud.

**PRE-REQUISITES**

There is no prerequisite for this course.

**MODULES**

Module 1: Distributed systems principles and Hadoop

Module 2: Improvement of EMR over open-source Hadoop

Module 3: Data integration & development on EMR

Module 4: Hands-on: Run MapReduce / Hive /Spark job on EMR

Module 5: Competitive analysis

Module 6: Solutions and Pricing Policy

**END OF PAGE**