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Leading Marketplace for IT and Certification Courses

[info@uplatz.com](mailto:info@uplatz.com)

[+44 7836 212635](tel:+447836212635)

# APACHE HADOOP MAPREDUCE 2 AND YARN



◆ 1:1 Instructor-led Online Training ◆



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## COURSE DETAILS & CURRICULUM

Learn why **Apache Hadoop** is one of the most popular tools for big data processing.

- Learn why it is reliable, scalable, and cost-effective.
- Learn about its revolutionary features, including Yet Another Resource Negotiator (**YARN**), HDFS Federation, and high availability.
- Learn how the **MapReduce** framework job execution is controlled.
- Get insights into the design and implementation of YARN.

## COURSE SYLLABUS

- **Module 1 - About MapReduce**
  1. The MapReduce model v1
- **Module 2 - Limitations**
  1. Limitations of Hadoop 1 and MapReduce 1
- **Module 3 - Classes and Access**
  1. Review of the Java code required to handle the Mapper class, the Reducer class, and the program driver needed to access MapReduce



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- **Module 4 - About YARN**
  1. The YARN model
  
- **Module 5 - Comparisons**
  1. Comparison of YARN / Hadoop 2 / MR2 vs Hadoop 1 / MR1