

# ANDMA (ADVANCED BIG DATA ANALYTICS, ARCHITECTURE, MANAGEMENT AND APPLICATIONS) 1.0

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## Objetivo

Be able to scale up to thousands of nodes Become familiar with Business Analytics including Splunk Install and configure Red Hat, SPLUNK Describe Edge Analytics (Social Media, IoT) Describe SQL on Hadoop Describe Data Life Cycle management for Tiered Storage of Hot, Warm and Cold data Install Hadoop as a Service (on OpenStack)/Multi-tenant Hadoop cluster Review End to End Automation with UCS Express for Big Data Describe Hadoop as a Service on Bare Metal Describe Disaster Recovery Apply Security

## Público Alvo

Channel Partners Customers Employees

## Pré-requisitos

Before taking this course, it is recommended that learners should be familiar with: Cisco Big Data Analytics, Architecture and Management (ANDMB) Training Course Familiarity with Cisco UCS and big data fundamentals.

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

### Module 1

Scaling to thousands of nodes - ACI

### Module 2

Analytics Splunk

### Module 3

Edge Analytics (Social Media, IoT)

### Module 4

SQL on Hadoop

### Module 5

Data Life Cycle management - Tiered Storage of Hot, Warm and Cold data

### Module 6

Hadoop as a Service (on OpenStack)/Multi-tenant Hadoop cluster

**Module 7**

End to End Automation with UCSD Express for Big Data

**Module 8**

Hadoop as a Service on Bare Metal

**Module 9**

Disaster Recovery

**Module 10**

Security