



Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

Avda Europa 21, 28108 Alcobendas

Email: formacion.ecs.es@arrow.com

Phone: +34 91 761 21 51



Apache Hadoop Fundamentals on Power Systems

CÓDIGO:	DURACIÓN:	Precio:
QZD10G	16 Hours (2 días)	€1,200.00

Description

This course describes the concepts and implementation details to install, configure, and implement Hadoop on IBM Power Systems. The course covers planning for a Hadoop installation, customizing the environment, management, and using Hadoop. Hands-on exercises reinforce the lecture and give the students the experience of installing and configuring Hadoop on a Power Systems-based environment.

Objetivos

After completing this course, you should be able to:

- Distinguish between Big Data and Data Analytics
- Summarize the architectural components, resources, terminology and capabilities of Hadoop
- Apply both planning and requirement processes for installation of Hadoop
- Carry out the steps to configure, startup and shutdown a Hadoop cluster with the appropriate web user interfaces and administration tasks
- Implement the proper administration commands, use of safe mode and steps to add and remove DataNodes from a Hadoop Cluster

Público

Anyone responsible for implementing and managing Hadoop on IBM Power Systems. The audience for this training includes the following:

- Hadoop administrators
- POWER technical support individuals
- POWER system administrators
- POWER system engineers
- POWER system architects

Requisitos Previos

Students must already know the basics of configuring and managing a Virtual I/O server, virtual devices and use of the HMC to manage partitions. This prerequisite can be met by attending the following courses:

- (LX21G) - PowerLinux Administration (LX21G)

Additional course information and roadmaps can be found at: www.ibm.com/training

Programa

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| • Unit 1 - Introduction to Data Analytics | • Exercise 1 - Introduction to the lab environment |
| • Unit 2 - Introduction to Hadoop | • Exercise 2 - Hadoop planning and implementation |
| • Unit 3 - Hadoop planning and implementation | • Exercise 3 - Hadoop configuration management |
| • Unit 4 - Hadoop configuration management | |
| Lecture: • Unit 5 - Hadoop administration | Labs: • Exercise 4 - Hadoop administration |

Fechas Programadas

A petición. Gracias por [contactarnos](#).

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.