Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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Power Systems Runing Linux - Analysis and Performance Tuning

CÓDIGO:	DURACIÓN:	Precio:
LX52G	16 Hours (2 días)	€1,200.00

Description

Learn advanced skills to measure, analyze, and tune Linux subsystems for optimal performance on IBM POWER7 Systems. Focus on the features that relate to performance of POWER7 systems. Focus on the features that relate to performance of the POWER7 processor, Linux kernel, and the special monitoring, configuring, and tuning needs of virtual servers. This course does not cover application monitoring and tuning.
Learn the latest Linux performance analysis and tuning tools and options, and take advantage of the new micro-partitioning and virtual features of the POWER7 server. Learn which tools to use, when, and how they have been enhanced for the latest POWER7 technology. These skills are invaluable to individuals responsible for the performance of a POWER7 server.
Reinforce each lecture with hands-on lab exercises to gain practical experience applicable to your performance management requirements.
If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the **Self-Paced Virtual Classes and Web-Based Training Classes** on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course.
http://www.ibm.com/training/terms

Objetivos

- Identify the system components to be monitored
- Define a basic performance monitoring strategy for Linux
- Identify open source, and IBM specific tools to monitor
  - Processor
  - Memory
  - I/O
  - Network
- Interpret results and reports generated by standard Linux tools
- Structure a tuning strategy
- Describe features of the POWER7 architecture that are relevant to performance management
- Describe Virtual Server resource configuration guidelines

Público

This is an intermediate course for:

- Support center individuals
- Product engineers
- IBM Global Services (IGS) Information Technology (IT) specialists
- Anyone who is responsible for installing, configuring, administering, and troubleshooting Linux on a POWER7 systems

Requisitos Previos

You are expected to have good Linux administration skills. These skills can be obtained by attending *Power Systems Running Linux - Getting Started (LX21G)* **or** have the equivalent Linux knowledge **and** performance monitoring skills.

Programa

Day 1

- Welcome
- Unit 1 - Performance objectives
  - Exercise 1 - Linux performance monitoring
- Unit 2 - PowerVM and IBM Advance Toolchain for Power Systems Running Linux
  - Exercise 2 - Power virtualization

Day 2

- Exercise 2 - Power virtualization (continued)
- Unit 3 - Power processor operations
  - Exercise 3 - Focus on processor
- Unit 4 - Power memory management

Day 3

- Unit 4 - Power memory management (continued)
  - Exercise 4 - Focus on memory
- Unit 5 - Power I/O
  - Exercise 5 - Focus on I/O
- Unit 6 - Power networking
  - Exercise 6 - Focus on networking

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

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