IBM AN31G - Power Systems for AIX - Virtualization II: Advanced PowerVM and Performance

Präsenztraining

Dauer : 4 Tage (27 Stunden)

Nr. : 35731

Preis : 3.390,00 € netto
4.034,00 € inkl. 19 % MwSt.

Inhouse-Paket : Auf Anfrage

Additionally, you will learn skills to implement, measure, analyze, and tune PowerVM virtualization features for optimal performance on IBM Power Systems servers. This course focuses on the features that relate to the performance of POWER6 and POWER7 processors, AIX, and the special monitoring, configuring, and tuning needs of logical partitions (LPARs). This course does not cover application monitoring and tuning.
You will also learn AIX performance analysis and tuning tools that help an administrator take advantage of shared processors and other virtualization features of the IBM Power Systems servers.

Hands-on lab exercises reinforce each lecture and give you practical experience.

Wer sollte teilnehmen:

Zielgruppe

This advanced course is for anyone responsible for the system administrative duties implementing and managing virtualization features on a System p server.
The audience for this training includes the following:

- AIX technical support individuals

- System administrators

- Systems engineers

- System architects

Voraussetzungen

The LPAR prerequisite skills can be met by attending one of the following classes or you can have equivalent LPAR skills:
- Power Systems for AIX I: LPAR Configuration and Planning (AN11D1DE)

- Power Systems for AIX - Virtualization I: Implementing Virtualization (AN30D2DE)

Trainingsprogramm

Day 1
Welcome

Unit 1: PowerVM features review

Exercise 1: Introduction to the lab environment

Unit 2: Shared processors and virtual processor tuning

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Day 2

Unit 3: Configuring multiple shared processor pools and donating dedicated processors

Exercise 3: Configuring multiple shared processor pools and donating dedicated processors

Unit 4: Active Memory Sharing

Exercise 4: Active Memory Sharing

Day 3

Exercise 4: Active Memory Sharing (continued)

Unit 5: Active Memory Expansion

Exercise 5: Active Memory Expansion

Unit 6: I/O device virtualization performance and tuning

Day 4

Unit 6: I/O device virtualization performance and tuning (continued)

Exercise 6: I/O device virtualization performance and tuning

Unit 7: Live Partition Mobility

Exercise 7: Live Partition Mobility

Day 5

Unit 8: Suspend and resume

Exercise 8: Suspend and resume

Unit 9: Virtualization management tools

Wrap up/Evaluations

Schulungsmethode

presentation, discussion, hands-on exercises, demonstrations on the system

Hinweis

Class language is German, student notebooks in English.