AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR

Category: Infrastructure & IT Operations | **Vendor:** IBM

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this course you begin with an overview of LPAR on Power Systems, followed with more detailed information on configuration planning and implementation using hands-on exercises to create and implement logical partitions.

About This Course

In this course you begin with an overview of LPAR on Power Systems, followed with more detailed information on configuration planning and implementation using hands-on exercises to create and implement logical partitions.

Who Should Attend

This intermediate course is for technical specialists, support/services individuals, individuals implementing LPARs for Power Systems with IBM i. This course is also appropriate for IBM Business Partners who sell and plan for consolidated systems.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Describe the PowerVM features

Identify, describe, and locate hardware components in the Power Systems, Flex System and Power Blade models

Identify virtualization options available, reliability features and single points of failure for Power Systems

Implement System Planning Tool in design or update your own system

Explain Simultaneous Multithreading (SMT)

Describe memory allocation and affinity concepts

Describe and configure a partition profile, including shared processors:

Capped

Uncapped

Virtual processors

Weighting factor

Shared Processor Pools

Explain virtual I/O: Serial, Ethernet and SCSI

Understand and implement: IBM i installation through NFS, image virtual repository in VIOS, and assigning VSCSI disks to partitions in VIOS

Understand base characteristics of IVM and how to implement IBM i on Power Blades

Describe the NPIV PowerVM feature, how to configure virtual Fiber Channel adapters on the Virtual I/O Server and client partitions

Discuss how to use the HMC GUI and commands to work with the World Wide Port Name (WWPN) pairs

Identify commands used to examine the NPIV configuration

Detailed Course Outline

PowerVM for IBM i - Overview

- .

Power Systems for IBM i

- .

Introduction to System Planning Tool

- .

Virtualization of IBM i - Processor, Memory, Processor Pools

- .

Virtualization of IBM i - Virtual I/O

- .

Virtualization of IBM i - Installation from NFS or VIOS repository

- .

Implementation of IBM i on Power Blades

- .

PowerVM for IBM i - NPIV

- .

Additional Course Details

Nexus Humans AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR?

Yes, we provide corporate training, dedicated training, and closed classes for AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AS5E IBM PowerVM on IBM i - I - Implementing Virtualization and LPAR training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 13/11/2026.