ES54 IBM Basic z/OS Tuning Using the Workload Manager

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

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course is designed for new performance analysts to learn to work with the Workload Manager (WLM) in goal mode. Learn concepts of WLM and performance management in the z/OS system using the WLM.

About This Course

This course is designed for new performance analysts to learn to work with the Workload Manager (WLM) in goal mode. Learn concepts of WLM and performance management in the z/OS system using the WLM.

Who Should Attend

This is an intermediate course for z/OS system programmers, z/OS performance analysts, and z/OS performance administrators new to performance management for their z/OS system.Note: ES54 is intended for individuals new to WLM and the z/OS performance area

Learning Outcomes

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

The objectives for this course are as follows:Describe a performance and tuning methodologyDevelop a systematic z/OS performance and tuning planDescribe the factors which could affect the performance of an z/OS systemUse the WLM ISPF applicationDescribe the components of a service definitionDefine workloads and service levels and classification rulesState which z/OS commands affect WLM operationIdentify the major WLM services for z/OS, including enclaves and application environments, and how they are used by DB2, WebSphere, and CICSAnalyze CPU performance when running in a shared LPAR environmentUtilize and monitor zIIP and zAAP specialty enginesMeasure and tune z/OS DASD, processor storage, and coupling facility configurationsExplain the functions and facilities of RMF and SMFAnalyze performance bottlenecks using RMFUse Workload License Charges (WLC), defined capacity and soft capping to manage software costsDescribe advanced z/OS environments that utilize Intelligent Resource Director (IRD), HiperDispatch, z/OSMF Workload Management, and I/O Priority ManagerUse the z/OSMF Workload Management (WLM) taskUse Performance Monitoring with z/OSMFModify a WLM service definition to meet the requirements for monitoring a specific system workloadCreate and customize Monitoring DesktopsReview any issues by using the Monitoring Desktops options displaysAssess the performance of the workloads running on the z/OS

Detailed Course Outline

Day 1

- Welcome
- Unit 1 - Tuning methodology
- Unit 2 - Using SMF and RMF to monitor performance
- Lab 1 - Introduction to your system
- Lab 2 - Using RMF Monitor I and Monitor II

Day 2

- Unit 3 - Performance impacts when running in a shared LPAR environment
- Unit 4 - Basic system workload management (part 1)
- Lab 3 - Implementing a WLM environment on z/OS (part 1)

Day 3

- Unit 4 - Basic system workload management (part 2)
- Lab 3 - Implementing a WLM environment on z/OS (part 2)

Day 4

- Unit 5 - WLM commands, internals, and service
- Lab 4 - Using RMF Monitor III to solve performance problems

Day 5

- Unit 6 - z/OS DASD performance topics
- Unit 7 - Tuning processor storage
- Unit 8 - Miscellaneous performance topics
- Lab 5 - z/OSMF and performance management

Additional Course Details

Nexus Humans ES54 IBM Basic z/OS Tuning Using the Workload Manager 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 ES54 IBM Basic z/OS Tuning Using the Workload Manager 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 ES54 IBM Basic z/OS Tuning Using the Workload Manager?

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 5-day ES54 IBM Basic z/OS Tuning Using the Workload Manager course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the ES54 IBM Basic z/OS Tuning Using the Workload Manager training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for ES54 IBM Basic z/OS Tuning Using the Workload Manager?

Yes, we provide corporate training, dedicated training, and closed classes for ES54 IBM Basic z/OS Tuning Using the Workload Manager. 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 ES54 IBM Basic z/OS Tuning Using the Workload Manager?

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 ES54 IBM Basic z/OS Tuning Using the Workload Manager training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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