

# AIX Performance Monitoring and Management

Skills and expertise to help you increase the business value from your Power Systems investment

Skills and expertise to help you increase the business value from your Power Systems investment.



## Objectives:

Everyone who uses a computer has an opinion about its overall systems performance. Unfortunately, these opinions are often completely different. On successful completion of this course, students should be able to perform problem determination and analyze the root causes generating system performance issues.

## Course Outlines:

- Performance Overview.
- System performance.
- Performance tuning process.
- System architecture.
- Program execution hierarchy.
- Components of system performance.
- Processor performance.
- System dynamics/attributes .
- Identification of critical resources .
- Tools for performance evaluation.
- Standard UNIX and AIX performance tools.
- Tuning CPU Usage.
- Processes and threads.
- The life of a process.
- Scheduling policies.
- The iostat, sar, ps, svmon, tprof commands.
- AIX Logical Track Group Size.
- Introduction to AIX PROC tools.
- Administration tuning techniques.
- The vmstat, ps and svmon commands.
- Tuning paging space thresholds .
- Memory leaks.
- Logical volume attributes that affect performance by using lvmstat command.
- Monitoring PV and LV usage.
- Using iostat and filemon.
- Logical volume fragmentation.

- Using filemon and fileplace.
- File fragmentation and disk placement.
- JFS log and Defragmenting a file system.
- Multiple page support in AIX.
- AIX Performance Work Bench.
- Issues related to application problems.
- Performance – Best Practices.
- The Performance tuning process

## Course Code

SC180

## Course Duration

2 Day

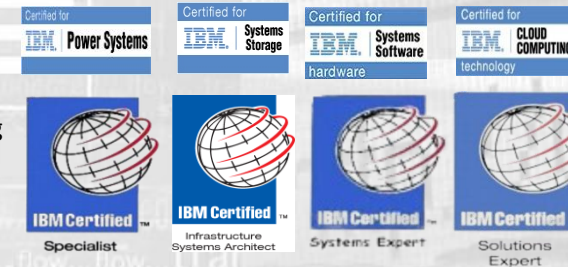
## Course Location

Customer onsite (Karachi, Lahore and Islamabad)

## Terms & Conditions

100% payment in advance

This course shall be conducted by certified experienced facilitators imparting IBM AIX courses and workshops both locally and internationally for over 20 years.



For additional information please write to us at: [info@tlcpk.net](mailto:info@tlcpk.net)

## Purpose:

This course is designed for System Administrators using AIX Version 7. It provides participants with the skills to monitor, analyze and tune AIX subsystems for optimal performance including concepts, strategy and the ways to implement balanced system.

## Audience:

This course is ideally targeted for system administrators with at least six months experience in AIX or any other relevant UNIX education.

## Prerequisites:

Participants should be experienced System Administrators and should have previously attended IBM AN100 and AN120.

For additional details on other technical workshops, please visit: <https://www.tlcpk.net>