

# AIX Performance Monitoring & Optimization Workshop for IBM Power Server

*An outsider's perspective can bring unexpected value to your organization*

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



The objective of this offering is to study existing AIX systems setup running mission critical applications under a standalone or cluster environment and identify critical components limiting system in performing normally.

TLC shall execute a Systems Performance Assessment, which is an analysis of a customer's Power Systems infrastructure for potential areas of exposure as well as a review of their system management processes for best practices.

For additional details on other workshops, please visit:  
<https://www.tlcpak.com/techwrkshp.html>

**Key Business Challenges** — Everyone who uses a computer has an opinion about its performance. Unfortunately, those opinions are often based on over simplified ideas about the dynamics of program execution. Uninformed intuition can lead to expensive and inaccurate guesses about the capacity of a system and the solutions to the perceived performance problems.

We are the team with the skills, experience and expertise to help our customers apply the power of technology to solve business problems.

Our technical experts will compile and present a report based on findings that will assist the customer to optimize the system to a satisfactory level.

Following are the components that will be part of this workshop:

- Execute a planning session with client system administrator and team leader
- CPU Performance Monitoring: Collect all the necessary snapshots causing systems CPU bottlenecks and identify the root cause.
- Memory Performance Monitoring: Record all processes consuming memory resources followed by recommendations that help in fine tune the overall systems performance.
- I/O Bounding: Capture all traces causing this bottleneck by running various systems tools and commands.



- Analysis of collected data and system logs with the help of tools and standard AIX utility programs.
- Study installed AIX patch, system microcode's and firmware's level.
- Identify and recommend latest information based on installed set of patches.
- Study TCP/IP configuration in general and identify services that are not required by the user and application environment.
- Present high level summary to the client executive management followed by a detailed report.
- Based on our report, client can then contact IBM and take their necessary support to implement TLC findings and recommendations that includes the installation of AIX fixes, firmware's, and microcodes.

**Workshop Code: WS301**

For additional information please  
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