

# ADVANCED TOOLS FOR AIX PERFORMANCE ANALYSIS

Course Code: 0472

IBM Course Code: AN520

Develop the skills to use kernel traces, trace based utilities, and svmon to measure and analyze CPU, memory, and I/O performance issues on IBM systems running AIX. Reinforce each lecture during extensive hands-on lab exercises and get practical experience applicable to their performance management requirements.

## What You'll Learn

- Use the trace facility to collect data and create a trace report
- Use the kernel trace facilities to analyze CPU performance issues
- Describe causes and impacts of high context switching rates
- Identify what causes a thread to block and what causes a later wake up
- Explain the relationship between the output of svmon -G, svmon -P, and svmon -S
- Calculate the amount of memory in use on the system
- Explain the relationship between svmon, vmstat, and ipcs output
- Categorize the memory in use on the system by segment type
- Identify which processes are using the most memory
- Identify which segments are using the most paging space
- Describe the characteristics of asynchronous I/O, synchronous I/O, direct I/O and concurrent I/O
- Identify if the expected type of I/O is being executed
- Tune asynchronous I/O

## Who Needs to Attend

The audience for this advanced training include AIX technical support personnel, performance benchmark personnel, and AIX system administrators.

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VIRTUAL CLASSROOM LIVE

\$3,800 USD

4 Day



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PRIVATE GROUP TRAINING

4 Day

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