



### INTENDED AUDIENCE

- Operations managers responsible for managing performance of J2EE or .NET applications
- Application support / Operations Managers / Developers Tier II tasked with being able to triage performance issues to a specific application component or tier
- Developers and architects requiring problem isolation methodologies for drilling down into the core application elements comprising J2EE or .NET environments

### DURATION: 3 DAYS

### PREREQUISITES

- Administration knowledge of Windows/Unix environments
- Operational knowledge of J2EE or .NET applications infrastructure
- Basic understanding of internetworking and web protocols
- Fundamental understanding of the key components comprising composite applications
- General knowledge of object oriented programming
- Familiarity with network, system and application monitoring concepts

### OVERVIEW

This course introduces HP Diagnostics 7.0 and provides the audience with the skills to analyze and improve the performance of their enterprise applications. In addition to teaching the core capabilities, architecture, and navigation of the Diagnostics solution, this course introduces expert skills and techniques for understanding and analyzing performance trends, solving performance issues and bottlenecks, tailoring the default configuration to address specific business goals, as well as leveraging the strength of the Diagnostics product both as a standalone and an integrated solution.

### COURSE OBJECTIVES

At the end of the course, you will be able to:

- Leverage HP Diagnostics in performance management of composite application environments
- Perform triage and problem isolation in a J2EE or .NET application environments
- Identify and further drill down following a particular transaction experiencing performance issues
- Understand the concept of instrumentation, its aspects, and overhead.
- Become familiar with HP Diagnostics architecture and integrations

<b>Day 1</b>	<b>Diagnostics Introduction</b> <ul style="list-style-type: none"> <li>• Introduction to the Diagnostics solution</li> <li>• Concepts/Components/requirements</li> <li>• Product Demo</li> </ul>
	<b>Installation and Configuration</b> <ul style="list-style-type: none"> <li>• Basic Probe installation</li> <li>• Configuring J2EE common application servers</li> <li>• Configuring .NET applications</li> </ul>

<b>Day 2</b>	<b>Diagnostics Views</b> <ul style="list-style-type: none"> <li>• Navigating the Enterprise UI</li> <li>• SOA Views in Diagnostics</li> </ul>
	<b>Advanced Configuration</b> <ul style="list-style-type: none"> <li>• Custom Instrumentation</li> </ul>
	<b>Integrations</b> <ul style="list-style-type: none"> <li>• BAC Integration, Transaction Vision Integration, Loadrunner/Performance Center Integration</li> <li>• Sitescope/OpenView Integrations</li> </ul>

<b>Day 3</b>	<b>Problem Solving and Troubleshooting</b> <ul style="list-style-type: none"> <li>• Troubleshooting Diagnostics (Optional)</li> <li>• Problem Solving using Diagnostics</li> <li>• Problem solving activity</li> </ul>
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