Microsoft

Vital Signs: Performance Monitoring Windows Server

Workshop*PLUS*

Minimize performance issues and time to resolution by using the top performance counters to accurately and quickly identify and resolve issues.

Target Audience:

To ensure the high-quality knowledge transfer students expect from this 3-day workshop, class size is limited to a maximum of 16 students and is targeted at IT professional staff who have at least two years of experience with Windows Server 2008 R2, Windows 7, Windows Server 2012, or Windows 8.

Overview

Vital Signs: Performance Monitoring Windows Server is a 3-day Workshop*PLUS* course that provides participants with the skills they need to analyze and troubleshoot the overall health of the Windows Server. This course reviews key performance counters that measure the health of the operating system and the hardware. After successfully completing this workshop, participants will understand how to use Performance Monitor and will be able to analyze environments running Windows Server 2012 and Windows 8, as well as Windows Server 2008 and Windows 7.

Technical Highlights

After completing this course, students will be able to:

- Use the key counters to analyze the most common performance issues.
- Apply concepts learned in the class to real-world scenarios.
- Use features in Performance Monitor first introduced in Windows Server 2008 and Windows Vista.

Syllabus

The course provides multiple examples of how to troubleshoot real-world operating-system performance issues on servers running Active Directory, Internet Information Services, Exchange Server, and SQL Server.

This workshop contains Level 300 content. Please review the target-audience information and contact your Microsoft Services representative to ensure that this workshop is appropriate to the student's experience and technical expertise.

This workshop is a **3**-day delivery. Students should anticipate consistent start and end times for each day. Early departure on any day is not recommended.

The course has the following components:

- Module 1: Introduction
- Module 2: Disk
- Module 3: Virtual memory
- Module 4: Physical memory
- Module 5: Network
- Module 6: Processor
- Module 7: Hyper-V
- Module 8: Performance Analysis of Logs (PAL) tool