



Performance Tuning and Troubleshooting with DTrace

Varighet: 3 Days Kurskode: SA327S10

Beskrivelse:

The Troubleshooting to Improve Performance Using DTrace for Sys Admins course provides students with the ability to use DTrace to diagnose application and system problems.

LAB INFORMATION: The hands-on labs offered in this course may involve accessing equipment that resides at a location other than where the training is delivered.

Målgruppe:

Students who can benefit from this course:
Experienced System Administrators and Service Support Personnel

Agenda:

- Use DTrace to find the source of intermittent problems
 - Use DTrace to look at the cause of performance problems
 - Use DTrace to help debug applications
 - Find System problems with DTrace
 - Troubleshoot DTrace script problems
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Forkunnskaper:

Required Prerequisites

System Administration for the Solaris 10 Operating System, Part 2 (SA-202-S10)
General understanding of operating systems
Manage system processes
Ability to read and write scripts
Administer the Solaris 10 Operating System

Suggested Prerequisites

Solaris System Performance Management (SA-400)

Innhold:

DTrace Fundamentals

Describe the features of DTrace
Describe the DTrace architecture
Overview of how DTrace works

Using DTrace

Examining performance problems using
DTrace
Use DTrace to obtain information about system
calls
Create D Scripts

Finding System Problems with DTrace

Use DTrace to access kernel variables
Use DTrace to obtain information about I/O
Use DTrace to do anonymous tracing
Use DTrace to do speculative tracing
Explain privileges necessary to run DTrace

Troubleshooting DTrace Problems

Describe how to lessen performance impact
of DTrace
Describe how to use and tune DTrace buffers
Debug DTrace scripts

The DTrace Toolkit and Case Studies

Overview of the DTrace Toolkit
Top 10 most useful scripts
Case Study - Application using excessive
CPU time
Case Study - Application Throughput is Slow

Ytterligere informasjon:

For mer informasjon eller kursbooking, vennligst ring oss 22 95 66 00

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