Solaris Volume Manager

Course Summary

Description

This course will show the Solaris Administrator how to use/administer and manage Solaris disk space using the Solaris Volume Manager.

Topics

- RAID Volume Description
- Creating/Managing/Administering Raid 0 Volumes
- Creating/Managing/Administering Raid 1 Volumes
- Creating/Managing/Administering Raid 5 Volumes
- Creating Hot Pools

Audience

Solaris Administrators who desire a deeper understanding of how to administer solaris disk space/volumes.

Duration

Four days

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically

PT7758_SOLARISVOLUMEMANAGER.DOC

Solaris Volume Manager

Course Outline

I.   Description of Raid Levels
   A.   Raid 0
   B.   Raid 1
   C.   Raid 2/3/4 – not often used
   D.   Raid 5
   E.   Exercises

II.   An Introduction to the Enhanced Storage Tool of the SMC console
   A.   How to use it
   B.   Components
   C.   Tools
   D.   Setting up a Raid 0 Volume.
   E.   Setting up a Raid 1 volume
   F.   Setting up a Raid 5 volume
   G.   Exercises

III.   Class Studies
   A.   Creating Hot Spare Pools
   B.   Using the SMC Enhanced Volume Toolkit
   C.   Creating Raid Volumes
   D.   Creating Pools
   E.   Exercises

IV.   State Database
   A.   Understanding the Majority Consensus Algorithm
   B.   Background Information
   C.   State Database Replicas
   D.   Handling State Database Errors
   E.   Tasks
   F.   Exercises

V.   Expanding/Removing Volumes
   A.   Expanding a volume
   B.   Removing a volume
   C.   Exercises

VI.   Summary/Review
   A.   Summary
   B.   Review
   C.   Additional Resources