



Veritas Storage Foundation 5.x Unix - Fundamentals

Dauer: 2 Tage Kursnummer: SYM387

Überblick:

This course will cover the differences between the Storage Foundation 4.1 and Storage Foundation 5.0 products on the Solaris operating system.

Wer soll teilnehmen?:

Symantec Technical Services Engineers; Symantec Partners/OEM Engineers

Kursziel:

- Upon completion of the course, students will be able to:
 - Install the software using the installsf utility
 - Upgrade the Storage Foundation software
 - Uninstall the software using the uninstallsf utility
 - Troubleshoot failed installations, upgrades, and uninstalls
 - Describe Dynamic Multipathing (DMP) and Device Discovery Layer (DDL) functionality
 - Discuss the DDL performance enhancements
 - Discuss the DMP enhancements
 - Using the DMP event log
 - Describe volume sets
 - Administer raw device node access to component volumes
 - Discuss the motivation for importing LUN snapshots
 - Define unique disk identifier (UDID)
 - Use annotation tags (tagid)
 - Describe how to import a disk group containing cloned disks
 - Discuss motivations and terminology for migrating data
 - Use the vxassist command to tentatively move volumes
 - Use the vxsd command to tentatively move subdisks
 - Use the vxevac command to tentatively move disks
 - Review ISP concepts
 - Perform link breakoff snapshots of ISP volumes
 - Describe ISP usability enhancements
 - Migrate ISP volumes
 - Use volume tags
 - Discuss reverse migration
 - Define MVFS availability enhancements
 - Administer the new Dynamic Storage Tiering policies
 - Identify other enhancements (version 7 layout, 2k volumes in a volume set, Oracle resilvering, FCL enhancements, CDS enhancements)
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Voraussetzungen:

- Storage Foundation 4.0 for UNIX - VE-Fundamentals
 - Storage Foundation 4.0 for UNIX – Advanced
 - Storage Foundation 4.1 – Differences – Solaris (SRT) –OR – Storage Foundation 4.1 – Fundamentals – Solaris (SRT-VE)
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Detaillierte Kursbeschreibung:

Lesson 1 - Installing, Upgrading, and Uninstalling the Software

- Install Storage Foundation using the installer
- Upgrade the Storage Foundation software
- Install SLIM and demonstrate its usage
- Uninstall the Storage Foundation Software using the uninstallsf utility
- Use log files to isolate failures

Lesson 2 - DMP/DDDL Enhancements

- Describe the existing DMP/DDDL architecture from an overview perspective
- Explain the DMP/DDDL enhancements
- Use the vxdkmpadm Utility enhancements
- Set the DMP tunables
- Discuss the miscellaneous enhancements
- Debug DMP 5.0

Lesson 3 - Volume Device Visibility

- Describe Volume Sets (VSET) from an overview perspective
- Explain the volume device visibility
- Administer raw device node access to volumes

Lesson 4 - Import LUN Snapshots

- Discuss the motivation for importing LUN snapshots
- Describe importing LUN Snapshots enhancements
- Define unique disk identifier (UDID)
- Use annotation tags (tagid)
- Describe the purpose of configuration and klog copies
- Import a disk group containing cloned disks

Lesson 5 - Support for Tentative Data Migration

- Discussing an overview of tentative migration
- Using the vxassist command to migrate volumes
- Using the vxsd command to migrate subdisks
- Using the vxevac command to migrate disks

Lesson 6 - ISP Enhancements

- Reviewing ISP concepts
- Performing link breakoff snapshots of ISP volumes
- Describing ISP usability enhancements
- Migrating ISP volumes
- Using volume tags
- Discussing reverse migration

Lesson 7 - VxFS Filesystem Enhancements

- Defining MVFS availability enhancements
- Administering new Dynamic Storage Tiering policies
- Identifying other VxFS enhancements

Weitere Informationen:

Für weitere Informationen oder Buchung kontaktieren Sie uns bitte unter 01/66 55 655 3000

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