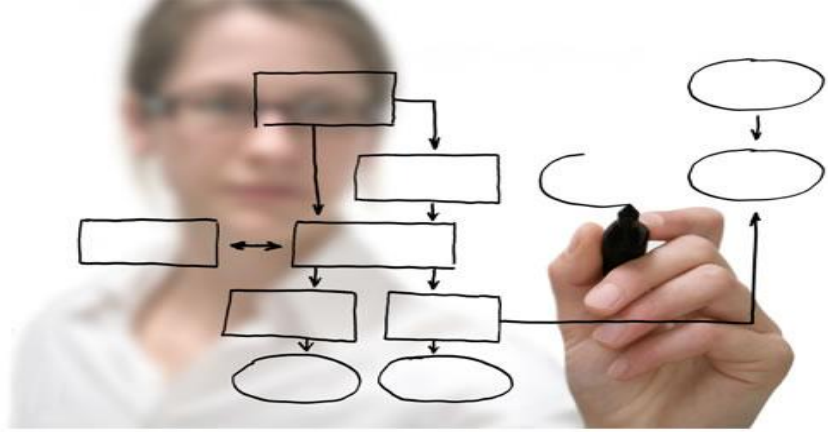


AIX Disk Storage Management and Recovery Procedures

Skills and expertise to help you increase the business value from your Power Systems investment

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Prerequisites:

Participants should be experienced System Administrators and should have previously attended IBM AN100 and AN120 with sufficient understanding of using AIX Logical Volume Manager.

Objectives:

At the end of this session, individual will be able to identify how to replace a disk under different conditions and able to recover from a total Volume Group failures.

Course Outlines:

Disk Management Theory

- Reviewing LVM Terms
- Volume Group Limits
- Mirroring Striping
- Mirroring and Striping with RAID
- LVM Data on Disk Control Blocks
- The Logical Volume Control Block (LVCB)
- LVM interaction with the ODM and VGDA
- ODM entries for PVs, VGs and LVs
- ODM-related LVM Problems
- Fixing ODM problems
- Mirroring and Stale Partitions
- Mirrored LVs and Mirror Write Consistency
- Mirroring rootvg

Disk Management Procedures

- Disk Replacement Techniques
- Replacing a rootvg Disk
- Total Disk Failure
- Volume Group Failure
- Volume Group Failure
- Total non-rootvg Failure
- Disk Replacement Failures
- Importing and Exporting a Volume Group
- Import/Export Issues

- Saving and Restoring Volume Groups
- Creating a System Backup (mksysb)
- Verifying the System Backup
- Restoring a mksysb
- Changing the Partition Size in rootvg
- Removing an Alternate Disk Installation
- Saving and Restoring non-rootvg Volume Groups
- Error Logging Components
- Types of Disk Errors

Course Code

SC183

Course Duration

2 Day

Course Location

Customer onsite (Karachi, Lahore and Islamabad)

Terms & Conditions

100% payment in advance

This course shall be conducted by certified experienced facilitators imparting IBM AIX courses and workshops both locally and internationally for over 20 years.



For additional information please write to us at: info@tlcpk.net

www.tlcpk.net

Purpose:

This course is specially designed for AIX System Administrators. Replacing a disk is not an easy task. System administrators must know the procedures to replace and fix a disk without corrupting the systems. In essence, disk storage administration is an important part of an administration that needs sizeable consideration from management point of view.

Audience:

This course is targeted for system administrators with at least six months experience in AIX and with other relevant skills associated with basic LVM and JFS/JFS2 filesystem.

For additional details on other workshops, please visit: <https://www.tlcpk.net>