

# Working with Logical Volume Manager & Filesystem Administration

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

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**Prerequisites:**

Participants should be familiar with basic AIX commands. They should be able to login to an AIX system and set a user password, execute basic AIX commands, manage files and directories, use the vi editor, use redirection, pipes and tees, use utilities find and grep, use command and variable substitution and set Korn Shell variables.

- File System Fragmentation
- Large File enabled Filesystems and Journaled Log
- Adding and Removing Filesystems
- Mount/Unmount a Filesystem
- Space Management Issues
- Listing free Disk Space and Controlling Files
- Fragmentation Considerations & Defragmenting a Filesystem
- Filesystem Verification

**Workshop Contents:**

- Logical Volume Manager
- Adding and Removing Volume Groups
- Listing Volume Groups
- Change, Reorganize, Activate and Deactivate a Volume Group
- Reorganize a Volume Group
- Import/Export a Volume Group
- Mirroring and Striping
- Adding and Removing Volume Groups
- Change, Reorganize, Activate and Deactivate a Volume Group
- Import/Export a Volume Group
- Mirroring and Striping
- Logical Volume Policies
- Listing Logical Volume Information
- Adding and Removing Logical Volumes
- Listing Physical Volume Information
- Add/Change Physical Volumes
- Add copies to Logical Volumes
- Set characteristics of Logical Volumes
- Add or move contents of Logical Volume
- Documenting disk storage configuration
- Structure of a Journaled File System
- Structure of an inode
- File System Fragmentation

**Course Code**

SC182

**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

**Purpose:**

This course is designed for System Administrators enabling them to learn AIX system administrator skills managing Logical Volume Manager and associated mandatory tasks attached to AIX filesystems

**Audience:**

Anyone responsible for the system administrative duties inclusive of implementing and managing AIX operating system on IBM Power System hardware.