



AIX V6.1

Object Arena Software Solutions (P) Ltd, a leading IBM products training center in Chennai pleased to impart AIX V6.1 training through our Bright Career in IBM Certification Software program.

Course Description

AIX is an open operating system from IBM that is based on a version of Unix. AIX/ESA was designed for IBM's System/390 or large server hardware platform. AIX/6000 is an operating system that runs on IBM's workstation platform, the RISC System/6000.

Object Arena - What Sets us apart?

- Structured course materials
- IBM Certification directed training
- Exhaustive, systematic step-by-step lab exercises
- Interactive Classroom session, OHP slide display
- Hands-on best practices captured by experienced professionals
- Real-time projects scenarios
- Training by highly experienced and IBM certified professionals
- Updating course in-line with the latest release by IBM , a continuous process
- Most competitive & affordable course fees
- List of established & satisfied clients (Visit our website).

Duration : 10 Days / 3 Hours a day

Customizable : Yes

Regular Batches: Morning, Evening & Weekends.

Pre-requisites: Students should have prior knowledge in Database, RDBMS.

Value Added Services

- Placement assistance provided
- Volume Discounts and long-term licensing options
- Probable IBM certification test Q & A
- Most popular Interview questions
- Accommodation for outstation candidates.
- Web Age will always try and work within your budget

CURRICULUM

Module: 01

AIX V6.1 on Linux

- Introduction to AIX
- AIX Installation
- Functions AIX components
- Role of the System Administrator
- Hardware/Software Responsibilities

Module: 02

Overview of SMIT

- Using the SMIT GUI
- Using the SMIT Terminal Interface
- SMIT Logs.

System Startup and Shutdown

- Startup Process Overview
- Starting System management services
- alog
- System Resource Controller
 - Stopping Process
- System Shutdown

Module: 03

Aix File Hierarchy

- Introducing the File System Paradigm
- The File System Layout
- Application Directories

Devices

- Device Terminology
- Listing / dev Directory
- Device Configuration database
- Device Addressing & states

Module: 04

Installation

- Installation Methods
- Installation Process from CD
- Installation and Maintenance Menu
- Installation Settings
- Advanced Options
- Configuration Assistant Menu

Module: 05

System Storage Overview

- Components of AIX storage
- Benefits of LVM & Physical Storage

- Volume Groups Descriptor area
- Logical Storage
- Uses of Logical Volume
- Introduction to File system

Working with Logical Volume Manager(LVM)

- Logical Volume Manager
- SMIT Volume group Menu
- Add/Remove Volume Groups
- Hot Spare
- Logical Storage
- Add / Remove logical volume
- Physical Volumes

Module: 06

Working with File System

- Structure of JFS & Inode
- Journaled Log
- Listing File systems
- Add/Remove JFS & JFS2 File systems.
- Set characteristics of JFS2 VS JFS2

Managing File Systems

- Listing Free disk space & disk usage
- Verifying a File system
- Space Management

Module: 07

Paging space

- Paging space Introduction
- Add / Remove Paging space
- Changing paging space

Scheduling cron Jobs

- The Cron Daemon
- Cron file

Module: 08

System Backup

- Type of Backup
- Backup Menu
- Rootvg /Non-Rootvg process
- Restoring Backups

Connecting to a Network

- Setting a Default Route
- Setting System Hostname
- Setting an IP Address and Subnet mask
- Resolving Hostnames to IP Addresses
- Configuring / etc / hosts
- Configure TCP/IP

Module: 09

HACMP

- Administering an HACMP Cluster
- Configuring An HACMP Cluster Resource
 - Groups & Configuring cluster Eves
- Monitoring An HACMP Cluster
- Managing Shared LVM Components &
- Topology & Cluster Resources & Resource
- Group in Cluster & Cluster Security.
- Overview of HACMP/XD for Geographic LVM
- Planning Geographically Mirrored VG With Clustering
- Integrating Geographically Mirrored VG into an HACMP cluster
- Maintaining and Troubleshooting HACMP/XD For GLVM
- Overview of HACMP /XD for ESS PPRC

HMC/LPAR Virtual

- HMC Introduction
- Introduction to Partitioning.
- Hardware System Overview
- HMC Operations
- Planning and Configuring logical Partitions
- LPAR Introduction
- LPAR configuration and Operations

APV

- APV Introduction
- Virtual I/O Configuration
- Installation and Initial configuration
- Administration and extended configuration
- Problem Determination
- Hands-on.
- Shared Ethernet
- Partition load manager(PLM)
- Virtual SCSI Server

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