



## **Guest Lecture on “AIX Operating System Administration” by Ms. Snehal Jagtap (Service Delivery Manager – IBM)**

**Academic Year:** 2021-22

**Name of the Event:** Guest lecture on “AIX Operating System Administration”

**Date & Time of the Event:** 8<sup>th</sup> October 2021 at 2:00 pm

**Name of the Speaker:** Ms. Snehal Jagtap

**Designation:** Service Delivery Manager, IBM

**Name of the Company with Address:** IBM, Pune

**Targeted Audience:** TE IT

**Venue:** Online Platform

**Event Coordinator:** Prof. Bhavana Kanawade (Department of Information Technology)

**Number of Participants:** 42

### **Activity Description in Nutshell:**

Department of Information Technology organized a guest lecture on “**AIX Operating System Administration**” on 8<sup>th</sup> October. The session was conducted by Mrs. Snehal Jagtap, Service Delivery Manager, IBM, Pune. The topics covered by the speaker in this session were: Operating System concept: AIX Operating System, Virtualization Methods, Server- Storage connectivity, mapping and Filesystem: UNIX Operating System, Data Security and Compliances, Service Availability/ Service Resilience Project, Service Management - a) Change Management b) Incident Management c) Problem Management

The objective of this session was to make students aware about the customized operating system. Students came to know about the different tools required for server storage management. It is a kind of lifelong learning for students so that they will be able to grasp the advanced concepts related to customized operating system.

## Event Photos:

The screenshot shows a presentation slide with the following content:

- idea** logo in the top left corner.
- AIX - Boot Process** title.
- Text: "Three phases available in BOOT Process"
- Numbered list:
  1. Ros kernel init phase
  2. Base Device Configuration
  3. System boot phase
- 1. Ros Kernel init phase (PHASE1)**
  - A. Post (power on self test)  
In this post it will do basic hardware checking
  - B. Then it will go to NVRAM and check the boot list for last boot device (hdisk0 or hdisk1).
  - C. Then it will check the BLV (hd5) in boot device.
  - D. Then it will check the boot image
  - E. Then boot image is moved to memory.
  - F. Then kernel will execute.

On the right side of the slide, there is a circular profile picture of a woman and the name "Snehal Jagtap".

## Overview of AIX operating system

The screenshot shows a presentation slide with the following content:

- Availability, Continuity and Recoverability** title.
- List of points:
  - Resiliency is the capability of any component to come back to its original Form.
  - Recover quickly from Failure/ disaster.
  - Bounce back into original shape, post issues/major impact to system.
- A diagram showing "Resilience" at the top, connected to three pillars:
  - High Availability**: Fault tolerant, failure-resistant infrastructure supporting continuous application processing.
  - Continuous Operations**: Non disruptive backups and system maintenance coupled with continuous availability of Services.
  - Disaster Recovery**: Protection against unplanned outages such as disasters through reliable, predictable recovery.

At the bottom of the slide, there is a footer with "17 Feb 2016", "IBM Proprietary", and "© 2016 IBM Corporation".

On the right side of the slide, there is a circular profile picture of a woman and the name "Snehal Jagtap".

Below the slide, there is a video player interface showing a play button, a volume icon, and the time "59:22 / 1:33:11".

## Availability, continuity and recoverability in AIX