

UNIT I –OS INTRODUCTION AND OVERVIEW – SUMMARY



Summary

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- What Operating Systems Do
 - ▣ Computer-System Organization – components that make up a system and its roles
- Computer-System Architecture
- Operating-System Structure
 - ▣ Simple MS DOS structure, Layered structure, Modular structure, Microkernel structure and Hybrid approach
 - ▣ System calls, system programs and the hardware support
- Operating-System Operations
 - ▣ Process, File, Memory and Device management, Scheduling

Summary

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- Discussed the various Operating System Services such as
 - ▣ Resource allocation
 - ▣ Accounting
 - ▣ Protection and security
- Explored the need for System calls and
 - ▣ Types of system calls and their purposes
 - ▣ Parameter passing to system calls
- OS Generation and System boot