DESCRIPTION

The tenth edition of *Operating System Concepts* has been revised to keep it fresh and up-to-date with contemporary examples of how operating systems function, as well as enhanced interactive elements to improve learning and the student's experience with the material. It combines instruction on concepts with real-world applications so that students can understand the practical usage of the content. End-of-chapter problems, exercises, review questions, and programming exercises help to further reinforce important concepts. New interactive self-assessment problems are provided throughout the text to help students monitor their level of understanding and progress. A Linux virtual machine (including C and Java source code and development tools) allows students to complete programming exercises that help them engage further with the material.

The Print Companion includes all of the content found in a traditional text book, organized the way you would expect it, but without the problems.

NEW TO EDITION

- New, updated content throughout including increased coverage of multicore systems and parallel programming, mobile systems including IOS and Android, memory, security, and an updated Linux chapter.

- New chapters on file-system internals and Windows 10.
• Many new exercises, programming problems, and programming projects.

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**FEATURES**

The tenth edition uses real-world operating systems to illustrate fundamental operating system concepts:

• Particular attention is paid to the Microsoft family of operating systems and Linux, with additional material on various versions of UNIX (Solaris, BSD, and Mac OS X).

• Teaches general concepts in operating systems while allowing for a choice in implementation systems. Rather than concentrating on a particular operating system or hardware, the text discusses key concepts that are applicable to a wide variety of systems.

• Integrated coverage of Linux and Windows throughout.

• More interactive experience with self-assessment exercises, key term popups, and animated figures.

• A Linux virtual machine with GCC development environment and Linux source code distribution.

• Appendices that cover key legacy operating systems for valuable reference

For additional product details, please visit https://www.wiley.com/en-us