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## Sommario/riassunto

Intended for use in a one- or two-semester undergraduate course in operating systems for computer science, computer engineering, and electrical engineering majors *Operating Systems: Internals and Design Principles* provides a comprehensive and unified introduction to operating systems topics. Stallings emphasizes both design issues and fundamental principles in contemporary systems and gives readers a solid understanding of the key structures and mechanisms of operating systems. He discusses design trade-offs and the practical decisions affecting design, performance and security. The book illustrates and reinforces design concepts and ties them to real-world design choices through the use of case studies in Linux, UNIX, Android, and Windows 8.

**Teaching and Learning Experience** This program presents a better teaching and learning experience-for you and your students. It will help:

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- Keep Your Course Current with Updated Technical Content:** This edition covers the latest trends and developments in operating systems.
- Provide Extensive Support Material to Instructors and Students:** Student and instructor resources are available to expand on the topics presented in the text.

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