

Mastering cloud computing : foundations and applications programming / Rajkumar Buyya, Christian Vecchiola, S. Thamarai Selvi

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20427251&lokasi=lokal>

Abstrak

Mastering cloud computing is designed for undergraduate students learning to develop cloud computing applications. Tomorrow's applications won't live on a single computer but will be deployed from and reside on a virtual server, accessible anywhere, any time. Tomorrow's application developers need to understand the requirements of building apps for these virtual systems, including concurrent programming, high-performance computing, and data-intensive systems.

The book introduces the principles of distributed and parallel computing underlying cloud architectures and specifically focuses on virtualization, thread programming, task programming, and map-reduce programming. There are examples demonstrating all of these and more, with exercises and labs throughout.