Design and Integration for LTE, EVDO, HSPA, and WiMAX: A Comprehensive Guide to System Architecture, Protocols, and Applications

In today's fast-paced world, mobile broadband connectivity is essential for staying connected and productive. With the advent of 4G and 5G technologies, the demand for high-speed wireless access is only going to increase. To meet this demand, network operators are investing heavily in deploying new infrastructure and upgrading their existing networks.

This book provides a comprehensive guide to the design and integration of LTE, EVDO, HSPA, and WiMAX networks. It covers all aspects of these technologies, from the physical layer to the application layer. The book is written by experts in the field and is packed with valuable insights and practical advice.



Wireless Networks: Design and Integration for LTE,

EVDO, HSPA, and WiMAX by Joel Scambray

★★★★ 4.4 out of 5

Language : English

File size : 35605 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 752 pages



What's Inside

This book is divided into three parts. Part 1 provides an overview of LTE, EVDO, HSPA, and WiMAX technologies. Part 2 covers the design and integration of these technologies into existing networks. Part 3 discusses the applications and services that can be supported by these technologies.

Part 1: Overview of LTE, EVDO, HSPA, and WiMAX Technologies

* Chapter 1: to LTE * Chapter 2: to EVDO * Chapter 3: to HSPA * Chapter 4: to WiMAX

Part 2: Design and Integration of LTE, EVDO, HSPA, and WiMAX Technologies

* Chapter 5: Network Architecture * Chapter 6: Protocols * Chapter 7: Security * Chapter 8: Quality of Service * Chapter 9: Roaming * Chapter 10: Interoperability

Part 3: Applications and Services

* Chapter 11: Mobile Broadband * Chapter 12: Voice over IP * Chapter 13: Video Conferencing * Chapter 14: Gaming * Chapter 15: Enterprise Applications

Benefits of Reading This Book

This book is an essential resource for anyone involved in the design, integration, or operation of LTE, EVDO, HSPA, or WiMAX networks. It provides a comprehensive overview of these technologies and offers practical advice on how to deploy and manage them.

By reading this book, you will learn:

* The basics of LTE, EVDO, HSPA, and WiMAX technologies * How to design and integrate these technologies into existing networks * The applications and services that can be supported by these technologies * The latest trends and developments in these technologies

LTE, EVDO, HSPA, and WiMAX are essential technologies for providing high-speed wireless access. This book provides a comprehensive guide to the design and integration of these technologies. It is an essential resource for anyone involved in the deployment or operation of wireless networks.

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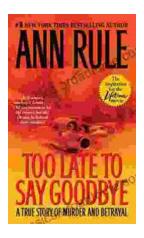
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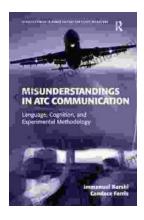
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