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How Wireless
Works How It
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Wireless
networking
technologies are
witnessed to
become the
integral part of

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industry, business,
entertainment and
daily life.

Encyclopedia of
Wireless Networks
is expected to
provide
comprehensive
references to key
concepts of
wireless networks,
including research

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results of historical
significance, areas
of current
interests, and
growing directions
in the future
wireless networks.
It can serve as a
valuable and
authoritative
literature for
students,

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researchers,
engineers, and
practitioners who
need a quick
reference to the
subjects of
wireless network
technology and its
relevant
applications. Areas
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| Editor: Xianbin
Wang

This book
constitutes the
refereed
proceedings of the
First IFIP TC6
Working
Conference on
Wireless On-
Demand Network
Systems, WONS

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2004, held in
Madonna di
Campiglio, Italy in
January 2004. The
25 revised full
papers presented
together with 7
short papers were
carefully reviewed
and selected from
77 submissions.
The papers are

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organized in
topical sections on
localization and
mobility
management;
MAC and radio
resource
management;
Bluetooth
scatternets; ad-
hoc routing;
security,

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applications, and
service support;
MAC analytical
models; and on-
demand Internet
access.

Introduces
wireless LAN
design and
development,
covering topics
including wireless

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network interface
cards, access
points, amplifiers,
operating WLANs
with PCs or cell
phones, and
integrating a
WLAN with home
automation
systems.

This timely book
provides broad

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coverage of
security and
privacy issues in
the macro and
micro perspective.

In
macroperspective,
the system and
algorithm
fundamentals of
next-generation
wireless networks

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are discussed. In
micro-perspective,
this book focuses
on the key secure
and privacy
techniques in
different emerging
networks from the
interconnection
view of human and
cyber-physical
world. This book

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includes 7
chapters from
prominent
international
researchers
working in this
subject area. This
book serves as a
useful reference
for researchers,
graduate students,
and practitioners

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seeking solutions
to wireless security
and privacy related
issues Recent
advances in
wireless
communication
technologies have
enabled the large-
scale deployment
of next-generation
wireless networks,

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How It Works Ziff
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and many other
wireless

applications are
emerging. The
next generation of
mobile networks
continues to
transform the way
people
communicate and
access
information. As a

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matter of fact, next-
generation
emerging networks
are exploiting their
numerous
applications in
both military and
civil fields. For
most applications,
it is important to
guarantee high
security of the

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deployed network
in order to defend
against attacks
from adversaries,
as well as the
privacy intrusion.
The key target in
the development
of next-generation
wireless networks
is to promote the
integration of the

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human, cyber, and
physical worlds.

Previous work in
Cyber Physical
Systems (CPS)
considered the
connection
between the cyber
world and the
physical world. In
the recent studies,
human

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involvement brings
new channels and
initiatives in this
interconnection. In
this integration
process, security
and privacy are
critical issues to
many wireless
network
applications, and it
is a paramount

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concern for the
growth of next-
generation
wireless networks.
This is due to the
open nature of
wireless
communication
and the
involvement of
humans. New
opportunities for

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tackling these security and privacy issues in next-generation wireless networks will be achieved by leveraging the properties of interaction among human, computers and things.

Selected Works of

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A J Viterbi
Wireless Networks
For Dummies
Wireless
Networking with
Microsoft Windows
Vista
Wireless Security
Complete
Certification Kit -
Core Series for It
From Principles to

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Successful
Implementation

Wireless

Networking and

Mobile Data

Management

**As the demand for
higher bandwidth**

**has lead to the
development of**

increasingly

complex wireless

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**technologies, an
understanding of
both wireless
networking
technologies and
radio frequency
(RF) principles is
essential for
implementing high
performance and
cost effective
wireless networks.**

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Wireless Networking

**Technology clearly
explains the latest
wireless
technologies,
covering all scales
of wireless
networking from
personal (PAN)
through local area
(LAN) to**

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**metropolitan
(MAN). Building
on a comprehensive
review of the
underlying
technologies, this
practical guide
contains 'how to'
implementation
information,
including a case
study that looks at**

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**the specific
requirements for a
voice over wireless
LAN application.
This invaluable
resource will give
engineers and
managers all the
necessary
knowledge to
design, implement
and operate high**

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performance
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wireless networks. ·
Explore in detail
wireless
networking
technologies and
understand the
concepts behind RF
propagation. · Gain
the knowledge and
skills required to
install, use and

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**troubleshoot
wireless networks. .**

**Learn how to
address the
problems involved
in implementing a
wireless network,
including the
impact of signal
propagation on
operating range,
equipment inter-**

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**operability
problems and many
more. · Maximise
the efficiency and
security of your
wireless network.
With 40% new
material the new
edition of
Advanced Wireless
Networks provides
a comprehensive**

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**representation of
the key issues in 4G
wireless networks.
Focussing on
cognitive,
cooperative and
opportunistic
paradigms to
provide further
increase in network
efficiency, the book
explores and**

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**addresses issues in
wireless internet,
mobile cellular and
WLAN, as well as
sensor, ad hoc, bio-
inspired, active and
cognitive networks.
It examines the
problem of cross-
layer optimisation
and network
information theory**

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as well as

**adaptability and
reconfigurability in
wireless networks.**

**This book is an
integral description
of future wireless
networks and the
interconnection
between their
elements. The
information is**

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**presented in a
logical order within
each chapter
making it ideal for
all levels of reader
including
researchers
involved in
modelling and
analysis of future
networks as well as
engineers working**

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**in the area. Each
chapter starts with
introductory
material and
gradually includes
more sophisticated
models and
mathematical tools
concluding with a
comprehensive list
of references. Fully
updated**

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**throughout with
five new chapters
on Opportunistic
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Management**

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**Unifies the latest
research on
cognitive,
cooperative and
opportunistic
paradigms in
wireless
communications
Provides efficient
analytical tools for
network analysis
Discusses security**

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**issues, an essential
element of working
with wireless
networks Supports
advanced
university and
training courses in
the field**

**Companion website
containing extra
appendix on
Queuing theory**

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need to understand
every minute detail
of how wireless
works; you just
want to learn how
to effectively use
wireless to impact
your bottom line.
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to the Wireless
Workforce avoids**

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**excessive use of
buzzwords,
acronyms, and
consultantese to
provide you with a
succinct and
straightforward
template for
defining, assessing,
and deploying
wireless
technologies at**

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**every level of your
organization—to
lower your costs,
deepen your
customer
interactions, and
strengthen your
competitive
position in today's
increasingly mobile
marketplace. Order
your copy today!**

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**Protect your
wireless networks
and prevent
unexpected attacks
with Wireless
Security. Wireless
Security is an
important security
strategy used by
individuals and
organizations to
prevent possible**

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**network threats
from accessing
internal
information and
data. Become a
valued member of
your organization
by learning the
importance of
implementing
Wireless Security
technologies and**

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**strategies. Wireless
Security is**

increasingly

becoming more and

more vital in terms

of preventing

unauthorized

access or damage to

computer

technology using

wireless networks.

As users of wireless

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**technology
continues to grow,
so has external
risks and threats to
the user. There are
a number of
different wireless
security strategies
implemented by a
variety of
organizations. This
certification course**

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**will assist in
making you aware
of wireless
networks, the
possible
vulnerabilities, and
how to secure
wireless
technologies. This
certification kit
would be beneficial
to recent graduates**

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**looking to get a
foothold in the IT
Industry,
individuals and
businesses wanting
to reduce security
risks and avoid
potential financial
losses, businesses
looking to prevent
wireless security
attacks, IT**

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managers wanting
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to plan a wireless
security strategy,
and IT
professionals
learning about
wireless network
and security
technologies. This
certification
validates your
knowledge of

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**specific methods,
models, and/or
tools. This is
essential to
professionals in
order to be updated
on the latest
multimedia trends,
and to add to their
Wireless Security
toolbox. The
industry is facing a**

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**bold, new world
with the amazing
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Wireless Security,
and the challenges
and the
opportunities this
presents are
unprecedented. The
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Certification Kit**

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**serves as a
complete**

**introductory guide
for anyone looking
to grasp a better
understanding of
Wireless Security
concepts and their
practical
application in any
environment. The
Art of Service's**

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**introductory
Wireless Security
training and
certification helps
IT practitioners
develop the skills
that are crucial, as
businesses embark
on this massive
transformation. It
provides an
industry credential**

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**for IT professionals
to help them
transform into the
world of Wireless
Security. This
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certification
enables you to
move both the
industry and
business forward,
and to quickly take**

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applications
present. Take the
next step: Get
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Service
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industry. Being
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formally validating
your knowledge,
skills, and expertise
by the industry's
most**

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Certification Kit
course prepares
you for Wireless
Security
Certification. Why
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skills and get
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Security and 300

other technologies

by the industry's

best. - Learn at

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Find everything

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**right here, when
you need it, and
from wherever you
are. What will you
learn? - Learn the
important concepts,
tools, standards,
and uses of wireless
security. - Learn
about wireless
networks. - Learn
how to manage**

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**potential security
risks and threats. -**

**Examine wireless
security issues and
wireless**

vulnerabilities. -

**Explore the ways in
which wireless
technologies can be
secured. Course**

**Outline The topics
covered in this**

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course are: -
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**Introduction to
Wireless Networks.**

**- Standards, Uses,
Health Risks and
How Wireless
Works. -**

**Introduction to
Wireless Security. -
Wireless**

**Vulnerabilities. -
Wirel**

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Course

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Starting an Online
Business All-in-One
For Dummies
The Fiscal Year
2010 Budget for the
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and Programs
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Transportation
Security
Administration
The Foundations of
the Digital Wireless
World

With transfer
speeds up to 11
Mbps the 802.11
wireless network

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standard is set to
revolutionize

wireless LANs.

Matthew Gast's
definitive guide to
the standard is
aimed at

administrators,
architects and
security

professionals.

Start a successful
online business and

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Being an online
entrepreneur means
more than just
building a
website—and this
book breaks down
everything you need
to know to be
successful. Inside,
you'll get plain-
English
explanations and

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easy-to-follow
instruction on online
business basics,
legal and
accounting issues,
website design,
Internet security,
boosting sales, e-
commerce, and so
much more. While
the ideas and
concepts behind
starting an online

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business are tried
and true, the tools
available to
entrepreneurs
change and evolve
quickly—and often.
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Business All-in-One
For Dummies gets
you up to speed on
the best new tools,
resources, and
communities, and

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shows you how to
best leverage them
to up your chances
of success.

Discover your niche
and create a
business plan

Design your website
and storefront

Increase your reach
and market with
social media

Choose the best

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web host for your
needs If you're a
budding
entrepreneur with
dreams of running
your own online
business, this book
has everything you
need to get started
and grow your
company to
extraordinary
heights!

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As we all know by now, wireless networks offer many advantages over fixed (or wired) networks. Foremost on that list is mobility, since going wireless frees you from the tether of an Ethernet cable at a desk. But that's just the tip of the cable-

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free iceberg.

Wireless networks are also more flexible, faster and easier for you to use, and more affordable to deploy and maintain. The de facto standard for wireless networking is the 802.11 protocol, which includes Wi-Fi (the

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wireless standard known as 802.11b) and its faster cousin, 802.11g. With easy-to-install 802.11 network hardware available everywhere you turn, the choice seems simple, and many people dive into wireless computing with less

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thought and
planning than they'd
give to a wired
network. But it's
wise to be familiar
with both the
capabilities and
risks associated
with the 802.11
protocols. And
802.11 Wireless
Networks: The
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2nd Edition is the perfect place to start. This updated edition covers everything you'll ever need to know about wireless technology.

Designed with the system administrator or serious home user in mind, it's a no-

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nonsense guide for
setting up 802.11 on
Windows and Linux.

Among the wide
range of topics
covered are

discussions on:
deployment

considerations

network monitoring
and performance

tuning wireless

security issues how

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to use and select
access points
network monitoring
essentials wireless
card configuration
security issues
unique to wireless
networks With
wireless technology,
the advantages to
its users are indeed
plentiful. Companies
no longer have to

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deal with the hassle
and expense of
wiring buildings, and
households with
several computers
can avoid fights
over who's online.

And now, with
802.11 Wireless
Networks: The
Definitive Guide,
2nd Edition, you can
integrate wireless

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technology into your
current
infrastructure with
the utmost
confidence.

The purpose of this
book is to provide
tools for a better
understanding of the
fundamental
tradeo?s and
interdependencies
in wireless

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networks, with the goal of designing resource allocation strategies that exploit these interdependencies to achieve significant performance gains. Two facts prompted us to write it: First, future wireless applications will require a

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fundamental understanding of the design principles and control mechanisms in wireless networks. Second, the complexity of the network problems simply precludes the use of engineering common sense alone to identify

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good solutions, and so mathematics becomes the key avenue to cope with central technical problems in the design of wireless networks. In this book, two fields of mathematics play a central role: Perron-Frobenius theory for non-negative

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matrices and
optimization theory.

This book is a
revised and
expanded version of
the research
monograph

□ Resource
Allocation in
Wireless Networks □
that was published
as Lecture Notes in
Computer Sciences

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How It Works, Ziff
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(LNCS 4000) in
2006. Although the
general structure
has remained
unchanged to a
large extent, the
book contains -
merous additional
results and more
detailed discussion.
For instance, there
is a more extensive
treatment of general

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nonnegative
matrices and inter-
ference functions that
are described by an
axiomatic model.
Additional material
on max-min
fairness,
proportional
fairness, utility-
based power control
with QoS (quality of
service) support and

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stochastic power
control has been
added.

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Maximum Wireless
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Protection of the
Committee on
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One Hundred
Eleventh Congress,
First Session, June
10, 2009

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World and the Next-
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Designing A

Wireless Network

Explaining how data
is transferred over
wireless networks,
this detailed guide
examines the latest in
wireless networking
technology and
vendor-based

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describes the
implementation of
new protocols and ap
plications--including
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explores such
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unavailable in any
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VirusMD

Corporation and has several patents pending in the anti-virus field. He has published several consumer security software programs, including an encrypted instant messenger, a personal firewall, a content filter and a

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suite of network connectivity tools. He is a repeat speaker at Defcon. Seth Fogie, MCSE, is a former United State Navy nuclear engineer. After retiring, he has worked as a technical support specialist for a major Internet service provider. He is

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currently the
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engineering at
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**wireless explains
both coming
wireless internet
access (WAP,
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view of the
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computer
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author discusses
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which creates a
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**technologies
involved in all
aspects of a large
networking
system and how
the various
devices can
interact and
communicate
with each other.
Using a bottom
up approach the
authors**

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**demonstrate how
it is feasible, for
instance, for a
cellular device
user to
communicate, via
the all-purpose
TCP/IP protocols,
with a wireless
notebook
computer user,
traversing all the
way through a**

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base station in a cellular wireless network (e.g., GSM, CDMA), a public switched network (PSTN), the Internet, an intranet, a local area network (LAN), and a wireless LAN access point. The information bits,

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**in travelling
through this long
path, are
processed by
numerous
disparate
communication
technologies. The
authors also
describe the
technologies
involved in
infrastructure**

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**less wireless
networks.**

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and control of info
rmation.Together,
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the cables, clutter,
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**off to a quick start
and get mobile
with IrDA
(InfraredData
Association) and
Bluetooth Perform
a site survey and
select the right
standard,
mode,access
point, channel and
antenna Check
online to verify**

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**degree of
interoperability of
devices from
various vendors
Install clients and
set up roaming
Combat security
threats such as
war driving,
jamming, hijacking,
and man-in-the-
middle attacks
Implement security**

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**and controls such
as MAC (Media
AccessControl)
and protocol
filtering, WEP
(Wireless
Equivalent
Privacy), WPA, (Wi-
Fi Protected
Access), EAP
(Extensible Authen
ticationProtocol),
and VPN (Virtual**

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Private Network)

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access points to
form a larger
wirelessnetwork
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places to get
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siteswhere you
can get more
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**wireless
computing, e-
commerce,
security, Web-
based radio and
television, and
such online
services as e-mail,
newsgroups, and
chat groups.
The expansion and
popularity of the
Internet, along**

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**with the addition
of wireless data
functionality to
wireless networks,
has also
contributed greatly
to the growth of
the wireless
industry. In fact,
the anticipated
consumer demand
for high bandwidth
wireless data is**

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**commonly seen as
the driving force
behind current
network upgrades
and expansions.
The number and
types of
companies
aggressively
investing in
wireless
technologies
illustrate the**

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**importance of
wireless data. Non-
traditional telecom
munications
companies such
as Cisco Systems,
Intel, Microsoft,
3Com, and other
professional
services
companies, are
investing heavily
in wireless product**

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**development and
many have formed
partnerships with
wireless
infrastructure
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help deliver
wireless data
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seamlessly to
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Wireless Data
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discusses the key
wireless
technologies
including security
Presents an
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**and Spread
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systematically presents the wireless sensing technology, which has become a promising sensing paradigm in recent years. It includes the introduction of underlying sensing principles, wireless signals, sensing methodologies and enabled applications.

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Meanwhile, it provides case studies to demonstrate how wireless sensing is applied for representative human and object sensing applications. This book also provides a wireless sensing framework as a guidance to understand and design

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challenges.

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How It Works Ziff
Davis Que

**of wireless
networking
basics.**

**This book
examines two
main topics,
namely,
Wireless
Networking and
Mobile Data
Management. It
is designed
around a course**

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**the author
began teaching
to senior
undergraduate
and master's
students at the
Department of
Computer
Science &
Engineering of
the Indian
Institute of
Technology**

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**Kanpur. The
first part of the
book,
consisting of
eight chapters,
including the
introduction,
focuses
exclusively on
wireless
networking
aspects. It
begins with**

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**cellular
communication
systems, which
provided the
foundation of
wireless
networking
principles.
Three
subsequent
chapters are
devoted to the
Global System**

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**for Mobile
communication
(GSM), Wireless
Local Area
Network
(WLAN),
Bluetooth,
infrared (IR),
ZigBee and
6LoWPAN
protocols.
There is also a
chapter on**

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**routings in ad
hoc networks,
an area that is
currently being
intensively
researched due
to its potential
applications in
areas of
vehicular
network, traffic
management,
tactical and**

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**military
systems.**

**Furthermore,
the book
discusses
mobile
operating
systems and
wireless
network
application
level protocols
such as**

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**Wireless
Application
Protocols
(WAP), Mobile
IP and Mosh.
The second part
highlights
mobile data
management. It
addresses the
issues like
location
management,**

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**the importance
of replication
and caching in
mobile
environments,
the concept of
broadcast disk
and indexing in
air, storage
systems for
sharing data in
mobile
environments,**

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**and building
smart
environments.
Given that the
design of
algorithms is
the key to
applications in
data
management;
this part begins
with a chapter
on the type of**

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**paradigm shift
that has been
introduced in
the design of
algorithms,
especially due
to asymmetry in
mobile
environments.
Lastly, the
closing chapter
of the book
explores smart**

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**environments,
showing the
readers how
wireless
technology and
mobile data
management
can be
combined to
provide
optimum
comfort for
human life.**

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Though the book has been structured as a monograph, it can be used both as a textbook and as a reference material for researchers and developers working in the area.

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**Make the most
of your wireless
network...witho
ut becoming a
technical
expert! This
book is the
fastest way to
connect all your
wireless
devices, get
great
performance**

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Wireless Works

How It Works Ziff
Davis Que

**with everything
from streaming
media to
printing, stay
safe and secure,
and do more
with Wi-Fi than
you ever
thought
possible! Even
if you've never
set up or run a
network before,**

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Wireless Works

How It Works, Ziff
Davis, Que

**this book will
show you how
to do what you
want, one
incredibly clear
and easy step at
a time. Wireless
networking has
never, ever
been this
simple! Who
knew how
simple wireless**

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How It Works Ziff
Davis Que
**networking
could be? This
is today's best
beginner's
guide to
creating, using,
troubleshooting
, and doing
more with your
wireless networ
k...simple,
practical
instructions for**

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**doing
everything you
really want to
do, at home or
in your
business!**

**Here's a small
sample of what
you'll learn: •**

**Buy the right
equipment
without
overspending •**

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Davis One

**Reliably
connect**

**Windows PCs,
Macs, iPads,
Android tablets,
game consoles,
Blu-ray players,
smartphones,
and more • Get
great
performance
from all your
networked**

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devices •

Smoothly

stream media

without

clogging your

entire network

• Store music

and movies so

you can play

them anywhere

in your home •

Keep neighbors

and snoopers

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**out of your
network •**

**Share the files
you want to
share-and keep
everything else
private •**

**Automatically
back up your
data across the
network • Print
from anywhere
in the house-or**

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**from anywhere
on Earth •**

**Extend your
network to work
reliably in
larger homes or
offices • Set up
a “guest
network” for
visiting friends
and family •
View streaming
videos and**

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**other web
content on your
living room TV
• Control your
networked
devices with
your
smartphone or
tablet •
Connect to Wi-
Fi hotspots and
get online in
your car • Find**

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**and log onto
hotspots, both**

**public and
hidden •**

**Quickly
troubleshoot
common
wireless
network
problems**

**Michael Miller
is the world's
#1 author of**

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**beginning
computer
books. He has
written more
than 100 best-
selling books
over the past
two decades,
earning an
international
reputation for
his friendly and
easy-to-read**

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**style, practical
real-world
advice,
technical
accuracy, and
exceptional
ability to
demystify
complex topics.
His books for
Que include
Computer
Basics Absolute**

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**Beginner's
Guide;
Facebook for
Grown-Ups; My
Pinterest;
Ultimate Digital
Music Guide;
Speed It Up! A
Non-Technical
Guide for
Speeding Up
Slow PCs, and
Googlepedia:**

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**The Ultimate
Google**

Resource.

Category:

Networking

Covers:

Wireless

Networking

User Level:

Beginning

Business is on

the move -

mobile

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How It Works Ziff
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**computing
must keep up!**

**Innovative
technology is
making the
communication
between
computers a
cordless affair.
Mobile
computing with
laptops, hand
helds and**

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How It Works Ziff
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**mobile phones
is increasing
the demand for
reliable and
secure wireless
networks.**

**Network
engineers and
consultants
need to create
and build
cutting-edge
wireless**

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**networks in
both the small
business and
multi-million
dollar
corporations.
Designing
Wireless
Networks
provides the
necessary
information on
how to design**

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**and implement
a wireless**

network.

**Beginning with
detailed
descriptions of
the various impl
ementations
and
architectures of
wireless
technologies
and moving to**

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**the step-by-step
instructions on
how to install
and deploy a
fixed wireless
network; this
book will teach
users with no
previous
wireless
networking
experience how
to design and**

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**build their own
wireless**

**network based
on the best
practices of the
Enhanced
Services from
Lucent
Technologies. ***
**Timely coverage
of new
technologies:
Communication**

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**without cables
is the future of
networking *
Advocates
wireless
networking
solutions for
any user,
regardless of
location, device
or connection. ***

**Written by
Experts. The**

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**authors are
leading WAN
authorities at
Lucent
Technologies. ***
**No previous
wireless
experience is
assumed,
however,
readers should
have a basic
understanding**

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**of networking
and TCP/IP
protocols
First IFIP TC6
Working
Conference,
WONS 2004,
Madonna Di
Campiglio,
Italy, January
21-23, 2004,
Proceedings
802.11 Wireless**

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Networks

Wireless

Networking

Absolute

Beginner's

Guide

Theory and

Algorithms

How Wireless

Works

IT Security

Survival Guide

Mobile and

Page 230/263

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**Wireless
Communications
presents the
latest
developments in
mobile and
wireless research
and the industry,
with a broad
range of topics
including: -Ad-
hoc networking;
-Power control;
-Personal**

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***communications;
-Satellite; -QoS;
-UMTS and
wireless LANs;
-Handoffs,
security and
mobility; -CDMA
and physical
layer including
modulation and
coding; -Methods
of
communication
functions***

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***including
multiple access,
error control,
flow control and
routing. This
state-of-the-art
volume
comprises the
edited
proceedings of
the Working
Conference on
Personal
Wireless***

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**Communications
(PWC'2002),
which was
sponsored by the
International
Federation for
Information
Processing
(IFIP), organized
by IFIP Working
Group 6.8, and
held in
Singapore in
October 2002.**

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***Get hooked up
without getting
tangled up in
cords, wires,
cables or techno
mumbo. With
Wireless Home
Networking For
Dummies, you
can go wireless
without going
mad. It shows
you how to plan,
install, secure,***

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How It Works Ziff

***and use a
wireless home
network for PCs
or Macs. See how
easy it is to share
your Internet
connection, files,
folders, printers,
and other
peripherals. Put
your gaming
console on your
wireless network
and play***

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**multiuser
computer
games—even
online. With lots
of helpful
diagrams, screen
shots, and step-
by-step
instructions, this
guide: Gives you
the info you need
to make wise
wireless buying
and connecting**

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***decisions Covers
the latest
security issues
and hardware as
well as today's
wireless
standards,
including Wi-
Fi/802.11 (a, b, g,
e, and i),
Bluetooth, UWB
(Universal Wide
Band), WiMAX,
and ZigBee Tells***

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***you how to use
an inexpensive
networking kit to
connect your
gaming console
to a broadband
Internet
connection and
speed up your
commands;
that's often a
matter of virtual
life and death
Discusses***

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***alternatives to
wireless
networking,
including
Bluetooth,
HPNA, and Home
Plug Learn how
to network your
entertainment
center for all
kinds of options.
Whether you
have a \$300 TV
set or a \$25,000***

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***home theater
system, you can
wireless enable
almost any type
of A/V
equipment. Then
you can use your
PC to store audio
and video tracks
for playback on
your TV and
through your
stereo, stream
movies from the***

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*How It Works Ziff
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**Internet and play
them on your big
screen, load
pictures from
your digital
camera on your
PC and view
them on the TV,
and more. This
book will show
you how to make
your home
entertainment
system much**

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more

**entertaining,
with: Info on
plugging into
wireless with
wireless A/V
adapters The
latest on wireless
media servers
like the Sonos
Music System
The scoop on the
ultimate home
theater PC**

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***(HTPC) that
plays CDs and
DVDs, acts as a
PVR (personal
video recorder);
lets you play
video games on
the big screen,
and more Tips
for buying
wireless bridges,
along with some
specific products
and their Web***

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***sites Find out
about how to go
wireless
wherever you go,
with info on
public wireless
hot spots and
types of free and
for-pay networks.
Delve into the
whole-home
wireless
revolution and
see how you can***

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***add smart home
devices to your
network, connect
to your car or
your home
security video
monitors, use
your cell phone
as a remote
control, and
more. Wireless
Home
Networking For
Dummies even***

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***gives you a look
into the not-so-
distant future
and the wireless
wonders in the
works!***

***Networking has
become
commonplace in
the home. In
years past, it
took a trained
technician to set
up and manage a***

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**computer
network; that's
not the case
anymore. With
more and more
households
having multiple
PCs, there is an
increased
demand to
network those
PCs to share
files, peripherals,
and an Internet**

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Wireless Works
How It Works Ziff
Davis Que
**connection. And
it's become much
easier to create a
home network,
thanks to easier-
to-use wireless
networking
technologies and
equipment. The
problem is
setting up a
wireless network
can still be
somewhat**

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Wireless Works

How It Works Ziff
Davis Corp
***confusing, and
often difficult.***

***Even setting up a
simple wireless
network to share
an Internet
connection can
be a frustrating
trial-and-error
process. What
kind of wireless
network should
you choose --***

802.11a, b, g, or

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***n? What
equipment do
you need? How
do you configure
all your
computers to
work on the
network? How do
you share a
single printer on
your network?
The confusion
continues when
one considers***

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***the different
issues related to
different
operating
systems. Setting
up a wireless
network under
Windows Vista is
much different
than setting up a
similar network
under Windows
XP. Users are
looking for***

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How It Works Ziff
David Que

***simple answers
to all these
questions.***

***Unfortunately,
most networking
books today are
geared toward
technology-savvy
networking
professionals.***

***Where does the
average user
turn to for
solutions to his***

Read Book How
Wireless Works
How It Works Ziff
Davis Oup

**wireless
networking
problems? The
answer is this
book -- Wireless
Networking with
Windows Vista.
Introduction
.
. 1 Part
I Planning Your
Wireless Network
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**1 Why You Need
a Wireless
Network**

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Handles Wireless
Networking**

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Davis Que

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Wireless Internet
Connection**

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**The Signal
Executive's Guide
to the Wireless**

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***Workforce
IFIP TC6 / WG6.8
Working
Conference on
Personal
Wireless
Communications
(PWC'2002)
October 23-25,
2002, Singapore***