Network Convergence: Services, Applications, Transport, and Operations Support

By Hu Hanrahan

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan

The present information age is enabled by telecommunications and information technology and the continued convergence of their services, technologies and business models. Within telecommunications, the historic separations between fixed networks, mobile telephone networks and data communications are diminishing. Similarly, information technology and enterprise communications show convergence with telecommunications. These synergies are captured in the concept of Next Generation Networks that result from evolution to new technologies, enabling new services and applications.

Network Convergence creates a framework to aid the understanding of Next Generation Networks, their potential for supporting new and enhanced applications and their relationships with legacy networks. The book identifies and explains the concepts and principles underlying standards for networks, services and applications.

Network Convergence:

- Gives comprehensive coverage of packet multimedia, enterprise networks, third generation mobile communications, OSA/Parlay and developments in fixed networks.
- Gives an integrated view of diverse information and communications systems and technology through a common NGN Framework.
- Delves into protocols, APIs and software processes for supporting services and applications in advanced networks.
- Discusses a variety of applications of telecommunications supporting IT and IT enhanced by communications.
- Follows developments in operations support systems standards and links these to next generation networks.
- Includes a wealth of examples, use cases, tables and illustrations that help reinforce the material for students and practitioners.
- Features an accompanying website with PowerPoint presentations, glossary, web references, tutorial problems, and 'learn more' pages.

This essential reference guide will prove invaluable to advanced undergraduate and graduate students, academics and researchers. It will also be of interest to professionals working for telecommunications network operators, equipment vendors, telecoms regulators, and engineers who wish to further their knowledge of next generation networks.

Network Convergence: Services, Applications, Transport, and Operations Support

By Hu Hanrahan

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan

The present information age is enabled by telecommunications and information technology and the continued convergence of their services, technologies and business models. Within telecommunications, the historic separations between fixed networks, mobile telephone networks and data communications are diminishing. Similarly, information technology and enterprise communications show convergence with telecommunications. These synergies are captured in the concept of Next Generation Networks that result from evolution to new technologies, enabling new services and applications.

Network Convergence creates a framework to aid the understanding of Next Generation Networks, their potential for supporting new and enhanced applications and their relationships with legacy networks. The book identifies and explains the concepts and principles underlying standards for networks, services and applications.

Network Convergence:

- Gives comprehensive coverage of packet multimedia, enterprise networks, third generation mobile communications, OSA/Parlay and developments in fixed networks.
- Gives an integrated view of diverse information and communications systems and technology through a common NGN Framework.
- Delves into protocols, APIs and software processes for supporting services and applications in advanced networks.
- Discusses a variety of applications of telecommunications supporting IT and IT enhanced by communications.
- Follows developments in operations support systems standards and links these to next generation networks.
- Includes a wealth of examples, use cases, tables and illustrations that help reinforce the material for students and practitioners.
- Features an accompanying website with PowerPoint presentations, glossary, web references, tutorial problems, and 'learn more' pages.

This essential reference guide will prove invaluable to advanced undergraduate and graduate students, academics and researchers. It will also be of interest to professionals working for telecommunications network operators, equipment vendors, telecoms regulators, and engineers who wish to further their knowledge of next generation networks.

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan Bibliography

- Sales Rank: #7048260 in Books
- Published on: 2007-04-02
- Original language: English

- Number of items: 1
- Dimensions: 9.92" h x 1.32" w x 6.80" l, 2.33 pounds
- Binding: Hardcover
- 464 pages

Download and Read Free Online Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan

---

Editorial Review

From the Back Cover
The present information age is enabled by telecommunications and information technology and the continued convergence of their services, technologies and business models. Within telecommunications, the historic separations between fixed networks, mobile telephone networks and data communications are diminishing. Similarly, information technology and enterprise communications show convergence with telecommunications. These synergies are captured in the concept of Next Generation Networks that result from evolution to new technologies, enabling new services and applications.

Network Convergence creates a framework to aid the understanding of Next Generation Networks, their potential for supporting new and enhanced applications and their relationships with legacy networks. The book identifies and explains the concepts and principles underlying standards for networks, services and applications.

Network Convergence:

- Gives comprehensive coverage of packet multimedia, enterprise networks, third generation mobile communications, OSA/Parlay and developments in fixed networks.
- Gives an integrated view of diverse information and communications systems and technology through a common NGN Framework.
- Delves into protocols, APIs and software processes for supporting services and applications in advanced networks.
- Discusses a variety of applications of telecommunications supporting IT and IT enhanced by communications.
- Follows developments in operations support systems standards and links these to next generation networks.
- Includes a wealth of examples, use cases, tables and illustrations that help reinforce the material for students and practitioners.
- Features an accompanying website with PowerPoint presentations, glossary, web references, tutorial problems, and 'learn more' pages.

This essential reference guide will prove invaluable to advanced undergraduate and graduate students, academics and researchers. It will also be of interest to professionals working for telecommunications network operators, equipment vendors, telecoms regulators, and engineers who wish to further their knowledge of next generation networks.

About the Author
Hu Hanrahan is Professor of Communications Engineering and Director of the Centre for Telecommunications Access and Services at the University of the Witswatersrand. He is a graduate of the University of the Witswatersrand, from where he also received his Doctorate. He has extensive experience of teaching in the subject area and is also active as consultant for a large number of companies and public utilities. His academic publication record is extensive over many aspects of communications technology.

Users Review

From reader reviews:

Daryl Steele:

This Network Convergence: Services, Applications, Transport, and Operations Support are reliable for you who want to be a successful person, why. The explanation of this Network Convergence: Services, Applications, Transport, and Operations Support can be on the list of great books you must have is giving you more than just simple looking at food but feed a person with information that possibly will shock your earlier knowledge. This book is handy, you can bring it all over the place and whenever your conditions in e-book and printed kinds. Beside that this Network Convergence: Services, Applications, Transport, and Operations Support giving you an enormous of experience for example rich vocabulary, giving you demo of critical thinking that we understand it useful in your day activity. So , let's have it appreciate reading.

Leonard Vega:

Reading a book for being new life style in this calendar year; every people loves to study a book. When you learn a book you can get a wide range of benefit. When you read ebooks, you can improve your knowledge, because book has a lot of information upon it. The information that you will get depend on what types of book that you have read. If you want to get information about your research, you can read education books, but if you act like you want to entertain yourself read a fiction books, these kinds of us novel, comics, and soon. The Network Convergence: Services, Applications, Transport, and Operations Support will give you a new experience in reading through a book.

William Evans:

You could spend your free time you just read this book this reserve. This Network Convergence: Services, Applications, Transport, and Operations Support is simple to deliver you can read it in the park your car, in the beach, train as well as soon. If you did not have got much space to bring often the printed book, you can buy the particular e-book. It is make you simpler to read it. You can save typically the book in your smart phone. Consequently there are a lot of benefits that you will get when one buys this book.

Lamar Carr:

Many people spending their period by playing outside together with friends, fun activity along with family or just watching TV the whole day. You can have new activity to spend your whole day by examining a book. Ugh, ya think reading a book can definitely hard because you have to use the book everywhere? It fine you can have the e-book, taking everywhere you want in your Mobile phone. Like Network Convergence: Services, Applications, Transport, and Operations Support which is having the e-book version. So , try out this book? Let's find.

Download and Read Online Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan

#WGMIKY380XA

Read Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan for online ebook

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan books to read online.

Online Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan ebook PDF download

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan Doc

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan Mobipocket

Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan EPub

WGMIKY380XA: Network Convergence: Services, Applications, Transport, and Operations Support By Hu Hanrahan