



# Network Infrastructure and Architecture: Designing High-Availability Networks

By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli

Download now

Read Online 

## Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli

A Comprehensive, Thorough Introduction to High-Speed Networking Technologies and Protocols

Network Infrastructure and Architecture: Designing High-Availability Networks takes a unique approach to the subject by covering the ideas underlying networks, the architecture of the network elements, and the implementation of these elements in optical and VLSI technologies. Additionally, it focuses on areas not widely covered in existing books: physical transport and switching, the process and technique of building networking hardware, and new technologies being deployed in the marketplace, such as Metro Wave Division Multiplexing (MWDM), Resilient Packet Rings (RPR), Optical Ethernet, and more.

Divided into five succinct parts, the book covers:

- Optical transmission
- Networking protocols
- VLSI chips
- Data switching
- Networking elements and design

Complete with case studies, examples, and exercises throughout, the book is complemented with chapter goals, summaries, and lists of key points to aid readers in grasping the material presented.

Network Infrastructure and Architecture offers professionals, advanced undergraduates, and graduate students a fresh view on high-speed networking from the physical layer perspective.

 [Download Network Infrastructure and Architecture: Designing ...pdf](#)

 [Read Online Network Infrastructure and Architecture: Designi ...pdf](#)



# Network Infrastructure and Architecture: Designing High-Availability Networks

*By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli*

**Network Infrastructure and Architecture: Designing High-Availability Networks** By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli

A Comprehensive, Thorough Introduction to High-Speed Networking Technologies and Protocols

Network Infrastructure and Architecture: Designing High-Availability Networks takes a unique approach to the subject by covering the ideas underlying networks, the architecture of the network elements, and the implementation of these elements in optical and VLSI technologies. Additionally, it focuses on areas not widely covered in existing books: physical transport and switching, the process and technique of building networking hardware, and new technologies being deployed in the marketplace, such as Metro Wave Division Multiplexing (MWDM), Resilient Packet Rings (RPR), Optical Ethernet, and more.

Divided into five succinct parts, the book covers:

- Optical transmission
- Networking protocols
- VLSI chips
- Data switching
- Networking elements and design

Complete with case studies, examples, and exercises throughout, the book is complemented with chapter goals, summaries, and lists of key points to aid readers in grasping the material presented.

Network Infrastructure and Architecture offers professionals, advanced undergraduates, and graduate students a fresh view on high-speed networking from the physical layer perspective.

**Network Infrastructure and Architecture: Designing High-Availability Networks** By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli **Bibliography**

- Sales Rank: #4015126 in Books
- Published on: 2008-04-11
- Original language: English
- Number of items: 1
- Dimensions: 9.60" h x 1.32" w x 6.50" l, 2.05 pounds
- Binding: Hardcover
- 544 pages

 [Download Network Infrastructure and Architecture: Designing ...pdf](#)

 [Read Online Network Infrastructure and Architecture: Designi ...pdf](#)

## **Download and Read Free Online Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli**

---

### **Editorial Review**

From the Back Cover

A Comprehensive, Thorough Introduction to High-Speed Networking Technologies and Protocols

Network Infrastructure and Architecture: Designing High-Availability Networks takes a unique approach to the subject by covering the ideas underlying networks, the architecture of the network elements, and the implementation of these elements in optical and VLSI technologies. Additionally, it focuses on areas not widely covered in existing books: physical transport and switching, the process and technique of building networking hardware, and new technologies being deployed in the marketplace, such as Metro Wave Division Multiplexing (MWDM), Resilient Packet Rings (RPR), Optical Ethernet, and more.

Divided into five succinct parts, the book covers:

- Optical transmission
- Networking protocols
- VLSI chips
- Data switching
- Networking elements and design

Complete with case studies, examples, and exercises throughout, the book is complemented with chapter goals, summaries, and lists of key points to aid readers in grasping the material presented.

Network Infrastructure and Architecture offers professionals, advanced undergraduates, and graduate students a fresh view on high-speed networking from the physical layer perspective.

### **About the Author**

Krzysztof Iniewski, PhD, is a founder and President of CMOS Emerging Technologies, Inc., a high-technology consulting company in Vancouver, Canada. Previously, Dr. Iniewski served as a university professor and R&D manager. He holds twenty-eight international patents and is a Senior Member of the IEEE. He is an editor of *Wireless Technologies: Circuits, Systems, and Devices*; *VLSI Circuits: A System Perspective*; and *VLSI Circuits for Bio-Medical Applications*.

Carl McCrosky, PhD, is a Professor of Electrical and Computer Engineering at the University of Saskatchewan (Canada). Previously, Dr. McCrosky was principal engineer with PMC-Sierra, Inc., professor of computer science at the University of Saskatchewan, chief scientist of HyperCore, Inc., and a partner in Andyne Computing, Ltd.

Daniel Minoli has worked and published extensively in the technology field, with more than thirty years of hands-on experience in networking, IT, telecommunications, wireless, and video/IPTV. He has helped develop systems and solutions for such organizations as SES Americom, Prudential Securities, AT&T, Telcordia, New York University, Stevens Institute of Technology, and more.

## **Users Review**

### **From reader reviews:**

#### **Jack Evans:**

Why don't make it to become your habit? Right now, try to prepare your time to do the important behave, like looking for your favorite publication and reading a reserve. Beside you can solve your condition; you can add your knowledge by the guide entitled Network Infrastructure and Architecture: Designing High-Availability Networks. Try to the actual book Network Infrastructure and Architecture: Designing High-Availability Networks as your good friend. It means that it can being your friend when you sense alone and beside that course make you smarter than ever. Yeah, it is very fortunated in your case. The book makes you more confidence because you can know anything by the book. So , let us make new experience along with knowledge with this book.

#### **Karen Chan:**

What do you concerning book? It is not important together with you? Or just adding material when you require something to explain what you problem? How about your extra time? Or are you busy person? If you don't have spare time to do others business, it is make you feel bored faster. And you have spare time? What did you do? Everybody has many questions above. They must answer that question because just their can do this. It said that about e-book. Book is familiar in each person. Yes, it is correct. Because start from on pre-school until university need this particular Network Infrastructure and Architecture: Designing High-Availability Networks to read.

#### **Bobbi Brunner:**

Precisely why? Because this Network Infrastructure and Architecture: Designing High-Availability Networks is an unordinary book that the inside of the e-book waiting for you to snap that but latter it will jolt you with the secret it inside. Reading this book adjacent to it was fantastic author who all write the book in such remarkable way makes the content on the inside easier to understand, entertaining approach but still convey the meaning thoroughly. So , it is good for you because of not hesitating having this anymore or you going to regret it. This unique book will give you a lot of gains than the other book possess such as help improving your talent and your critical thinking technique. So , still want to delay having that book? If I had been you I will go to the e-book store hurriedly.

#### **George Williams:**

Your reading 6th sense will not betray an individual, why because this Network Infrastructure and Architecture: Designing High-Availability Networks reserve written by well-known writer we are excited for well how to make book that can be understand by anyone who have read the book. Written throughout good manner for you, leaking every ideas and producing skill only for eliminate your own hunger then you still question Network Infrastructure and Architecture: Designing High-Availability Networks as good book not simply by the cover but also through the content. This is one reserve that can break don't judge book by its deal with, so do you still needing one more sixth sense to pick that!? Oh come on your examining sixth sense

already said so why you have to listening to a different sixth sense.

**Download and Read Online Network Infrastructure and  
Architecture: Designing High-Availability Networks By Krzysztof  
Iniewski, Carl McCrosky, Daniel Minoli #790LF681XDZ**

## **Read Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli for online ebook**

Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli 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 Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli books to read online.

### **Online Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli ebook PDF download**

**Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli Doc**

**Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli Mobipocket**

**Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli EPub**

**790LF681XDZ: Network Infrastructure and Architecture: Designing High-Availability Networks By Krzysztof Iniewski, Carl McCrosky, Daniel Minoli**