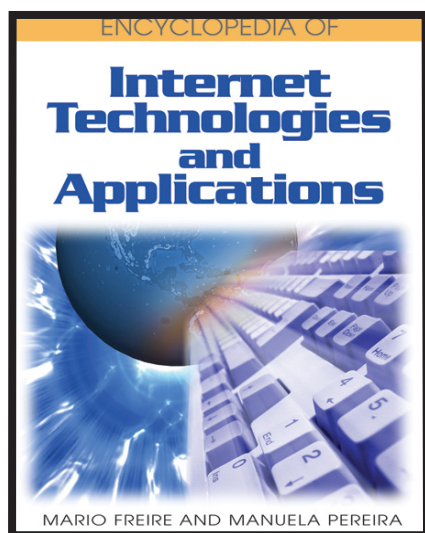


New Release September 2007

Encyclopedia of Internet Technologies and Applications



Edited by: Mario Freire and Manuela Pereira, University of Beira Interior, Portugal

13-digit ISBN: 978-1-59140-993-9

789 pages; 2008 Copyright

Price: US \$365.00 (hardcover*)

Pre-Pub Price**: US \$345.00

Online Access only***: US \$325.00

Illustrations: figures, tables (8 1/2" x 11")

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*Paperback is not available. **Pre-pub price is good until October 1, 2007.

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-Mario Freire, University of Beira Interior, Portugal

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Topics Covered

- Agent-based Web services
- Autonomic networking
- Context-aware service discovery
- Creative information systems
- Data caching
- DNS-based allocation of multicast addresses
- E-collaboration
- E-learning
- Efficient and scalable client-clustering
- Graphical based design tools
- Hackers, hacking and eavesdropping

- Handheld computing and palm OS programming
- Intellectual property and the Internet
- Internet gambling
- Internet measurements
- Internet traffic modeling
- IP multicasting
- IP multimedia subsystem (IMS)
- Java Web application frameworks
- Malicious software
- Multimedia for mobile devices

- Network-based intrusion detection
- Networked appliances and home networking
- Network-layer mobility protocols
- Optical network survivability
- Positive-feedback preference model
- Privacy in the digital world
- Quality of service
- Real-time protocols – RTP/RTCP
- Scalable reservation-based GOS architecture (SRBQ)

- Scaling properties of network traffic
- Security issues with wi-fi networks
- Semantic Web services
- Social and P2P networks on the Internet
- Standards in asynchronous e-learning systems
- Stream control transmission protocol (SCTP)
- TCP and TCP-friendly protocols
- Voice over Internet protocol
- Web content filtering
- Wi-fi technology

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