

1. Record Nr.	UNINA9910784353203321
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Titolo	Broadband bible [[electronic resource] /] / James E. Gaskin
Pubbl/distr/stampa	Indianapolis, IN, : Wiley Pub., c2004
ISBN	1-280-26594-9 9786610265947 0-7645-7743-3
Edizione	[Desktop ed.]
Descrizione fisica	1 online resource (614 p.)
Collana	Bible ; ; v.165
Disciplina	621.382
Soggetti	Broadband communication systems Internet service providers Digital subscriber lines Modems Artificial satellites in telecommunication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Preface; Acknowledgments; PART I:Determining Which Broadband Is Right for You; Chapter 1:Why You Need Broadband Internet Access; Computing Without Interruption; Support files download in a flash; Applications arrive in a blink; Immersive Experiences; Streaming audio; Streaming video; Communicating Over Broadband; Voice over broadband; Webcams; Videophones and video IM; Broadband Gaming; Game play requirements; Wrapping yourself in the game world; The most popular games; Summary; Chapter 2:Getting Familiar with Broadband Technology; What Is Broadband?; What the Feds Call Broadband Symmetrical versus Asymmetrical ConnectionsWhy service providers offer both options; Downstream details; Upstream details; Asymmetrical advantages; Symmetrical advantages; Speed comparisons; Summary; Chapter 3:Types of Broadband Providers; Broadband from Phone Companies: Flavors of DSL; The development of DSL technology; How DSL works for you; Service provider details; Broadband from the Cable Company; How broadband over cable works for you; Service provider details; Summary; Chapter 4:Types of

Alternative Broadband Providers; Satellite Broadband; How satellite works; Latency  
Service providers  
Community Wireless; How wireless works; Service providers; Wi-Fi hotspots: public 802.11b; Summary; Chapter 5: Emerging Broadband Service Options; Fiber to the Home and Office; How fiber works; Coverage areas; Trials in progress; Speed; Reliability; Security; WiMax; How WiMax works; Coverage area; Trials in progress; Speed; Reliability; Powerline Broadband; How Powerline broadband works; Trials in progress; Speed; Reliability; Security; Summary; Chapter 6: Pros and Cons: Choosing Your Best Broadband Option; Decision Points for Your Comparisons; How to compare service features  
Pros and Cons for Cable  
Current coverage areas; Decision checklist; Pros and Cons for DSL; Current coverage areas; How to compare service features; Decision checklist; Pros and Cons for Satellite Broadband; Current coverage areas; How to compare service features; Downlink and uplink details; Decision checklist; Pros and Cons for Community Wireless Broadband; Current coverage areas; Security concerns; Decision checklist; Service Provider Restrictions; Acceptable use policies; Rules on connection sharing; Bandwidth hogs; Summary; PART II: Practicing Safe Broadband  
Chapter 7: Understanding Computer Security  
How Miscreants Get into Your Computer; E-Mail; Downloaded files; Web sites; Physical Security  
Details; Traveling laptops; Disks from outside; Wired network security; Wireless network security; Keeping Things Out (Viruses, Worms, Trojans, Hackers); Update your operating system; Update your virus protection; Update your personal firewall; Keeping Things In (Your Information); Router firewall settings; Desktop firewall settings; Note to online game players; Summary; Chapter 8: Examining Your Home Broadband Hookup; Cable and DSL "Modems"; Modem/not modem Demarcation point

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Sommario/riassunto

This book outlines everything people need to make the move from a dial-up connection to an always-on DSL or cable Internet connection that is up to forty times faster than a standard modem connection. Nielsen estimated there were thirty-nine million U.S. homes with broadband access in April 2003. Gaskin explains available broadband options, shows how to pick the right one, describes wireless alternatives inside and outside of buildings, details how to connect more than one computer to a home broadband connection, and provides information about securing your wireless network. This

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