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Traditional Cooking Solutions, Health, and Poverty

Status of Cooking Fuel Use in EAP Policies to Encourage Clean and Efficient Cooking; Advances in Cookstoves and Biogas Systems; Two Scenarios for Modern Cooking Solutions; 5 Modern Cooking Solutions: The Way Forward; What Is Different from the Past?; Policy and Technical Support for New Approaches; Pathway to Implementation; 6 One Goal: Achieving Universal Energy Access in the EAP Region; Both Paths Must Be Implemented; Both Paths Will Bring Significant Economic, Social, and Environmental Benefits to All EAP Countries; Appendixes; 1 Electricity Access: Selected Country Briefs; A1.1 Cambodia
A1.2 Indonesia
A1.3 Lao People's Democratic Republic (Lao PDR); A1.4 Mongolia; A1.5 The Philippines; A1.6 Pacific Island Countries (PICs); A1.7 Vietnam; 2 Energy Access Projects Funded in the EAP Region by IBRD, IDA, and GEF, 2001-10; References; Boxes; 1.1 Importance of Modern Energy in Achieving Millennium Development Goals (MDGs); 1.2 China: Steady but Slow Transition to Modern Cooking Fuels; 1.3 China: Sustained Commitment to Universal Electrification; 2.1 Low-Cost Technical Options in Grid-Based Electrification; 2.2 Vietnam: Balancing Speed and Quality in Electricity Grid Expansion
2.3 Technology Advances in Off-Grid Electrification
2.4 Electricity Connection Fees in Selected Developing Countries Including EAP; 2.5 GIS-Based Spatial Planning Platform: Powerful Tool for National Electrification Program Rollouts; 3.1 Thailand: Clear Criteria and Transparent Process for Electrification Expansion; 3.2 Cambodia: Proposed Sector-Wide Approach for Electricity Access Expansion; 3.3 Raising and Channeling Subsidies for Rural Electrification; 3.4 Power to the Poor (P2P) Program: Affordable Connection Fees for the Poorest in Lao PDR
3.5 New Options for Serving Basic Electricity Needs in Off-Grid Areas

Sommario/riassunto

Despite the East Asia and Pacific (EAP) region's impressive economic growth, over 1 billion of its people still lack access to electricity and modern cooking solutions. To achieve universal access to modern energy by 2030, this book exhorts EAP countries to advance simultaneously on two paths: (1) accelerate programs for grid and off-grid electricity through appropriate policies and innovative technologies; and (2) scale up access to clean cooking fuels and efficient cooking stoves, particularly for biomass in poor rural areas.

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Nota di contenuto	Cover; Title Page; Copyright Page; Dedication; Contents; About the Authors; Acknowledgments; Introduction; Chapter 1 - Digital Reconnaissance and Surveillance; Digital Reconnaissance and Surveillance; Art and History of Spying; Threat of Digital Reconnaissance and Surveillance; Threat Landscape; Why Spy?; NSA and Edward Snowden; Public Trust; Cybercrime; Why Spy? Motivation; What Is to Gain? Reward; Digital Forensics; Who Spies?; Professional Roles; Hackers (White, Gray, and Black); Digital Forensics Examiner; Cyber Intelligence Analyst; Cyber Security Engineer; Penetration Tester Private Investigator Law Enforcement; Legal and Ethical Principles; Ethics; The Law; Surveillance and Cybercrime Sample Law; Summary; Chapter 2 - Information Gathering; Information Gathering; Am I Being Spied On?; How Private Is Your Life?; Examples of Privacy Invasion; How to Gather Information; Information Gathering Tools; Online Reconnaissance; The Internet Threat; Search Engines; Phishing; Tracking; Social Media; Scanning, Sniffing, and Mapping; Wired and Wireless; Infrastructure; Mobile Device Threat; Data Threat (Metadata); Physical Reconnaissance; Tailing and Stalking

Social Engineering Tapping; Legal and Ethical Concerns; Summary; Chapter 3 - Social Engineering; Social Engineering; Am I Being Spied On?; Scam Example; How to Gather Information; Dumpster Diving; Shoulder Surfing; Phishing; Social Engineering Toolkit; Bugging and Recording; Mitigation of Social Engineering; Mitigate Attack; Information Privacy; Legal and Ethical Concerns; More Legal Issues; Summary; Chapter 4 - Mobile Phone Tracking; Phone Tracking; Mobile Phones; Apple iPhone; Google Android; Windows Phone; Blackberry; Phone Tracking; Malicious Tracking; Tracking for Reconnaissance Location-Based Services Tracking a SIM; Global Positioning System and Geolocation; Google Mapping; Legal and Ethical Concerns; Summary; Chapter 5 - Physical Device Tracking; Physical Tracking; Device fingerprint; Tracking for Reconnaissance Today; Application Installation Versus Physical Device; Physical Device Tracking; Safe Devices Used Against You; Location Tracking and Wearable Technology; Legal and Ethical Concerns; Summary; Chapter 6 - Web Camera and Video Tracking; Camera Tracking; Tracking examples; Security Surveillance Systems (Private Home) Security Surveillance Systems (Businesses) Security Surveillance Systems (Public); Satellite Surveillance Systems; PC devices and webcams; Creepware; Mobile Devices; Gaming Consoles; Legal and Ethical Concerns; Summary; Chapter 7 - Data Capture and Exploitation; Data Threat; Data Theft and Surveillance; Basic Data Capture Techniques; Data at Rest; Malware Protection; DLP Software; Firewall Systems; Removable Media; Encryption Protection; Data in Motion; Sniffers; Skimmers; Digital Forensics; Devices and Applications; Legal and Ethical Concerns; Summary; Chapter 8 - Protection Methods Protect Yourself!

Sommario/riassunto

At a time when online surveillance and cybercrime techniques are widespread, and are being used by governments, corporations, and individuals, Cyber Reconnaissance, Surveillance and Defense gives you a practical resource that explains how these activities are being carried out and shows how to defend against them. Expert author Rob Shimonski shows you how to carry out advanced IT surveillance and reconnaissance, describes when and how these techniques are used, and provides a full legal background for each threat. To help you understand how to defend against these attacks, this book describ
