

Read Online
Cyber Security
Online Training
Courses

Cyber
Security
Online
Training
Courses

Despite the increase
of high-profile
hacks, record-
breaking data leaks,
and ransomware

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attacks, many organizations don't have the budget to establish or outsource an information security (InfoSec) program, forcing them to learn on the job. For companies obliged to improvise, this pragmatic guide

Read Online
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provides a
security-101

handbook with steps,
tools, processes, and
ideas to help you
drive maximum-
security

improvement at little
or no cost. Each
chapter in this book
provides step-by-
step instructions for

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dealing with a
specific issue,
including breaches
and disasters,
compliance, network
infrastructure and
password
management,
vulnerability
scanning, and
penetration testing,
among others.

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Network engineers,
system

administrators, and
security

professionals will
learn tools and
techniques to help
improve security in
sensible, manageable
chunks. Learn
fundamentals of
starting or

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redesigning an

InfoSec program

Create a base set of
policies, standards,
and procedures Plan
and design incident
response, disaster
recovery,
compliance, and
physical security
Bolster Microsoft
and Unix systems,

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network

infrastructure, and
password

management Use
segmentation

practices and designs
to compartmentalize
your network

Explore automated
process and tools for
vulnerability
management

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Securely develop
code to reduce
exploitable errors
Understand basic
penetration testing
concepts through
purple teaming
Delve into IDS, IPS,
SOC, logging, and
monitoring
Originally published
in hardcover in 2016

Read Online
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Courses
by Simon &
Schuster.

This book is a practical guide to discovering and exploiting security flaws in web applications. The authors explain each category of vulnerability using real-world examples,

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screen shots and code extracts. The book is extremely practical in focus, and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as

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online banking, e-commerce and other web applications.

The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is

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different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks.

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This handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers

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who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias "PortSwigger", Dafydd developed

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the popular Burp Suite of web application hack tools.

As digital crime increases exponentially, the need for investigative expertise in both government and civilian sectors has

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increased proportionally as well. The Network Defense and Investigations course textbook provides students with methods and strategies to mitigate incident damage with efficient and effective response

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procedures, acquire digital evidence in a forensically sound manner, identify and analyze the recovered evidence for relevant facts, and document and report details of the investigation in a manner consistent with professional

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industry standards.
In many cases, the
cybersecurity
professional must
also be prepared to
offer expert witness
testimony in civil
and legal venues.
Comprised of 14
detailed chapters
designed to align to
academic calendars,

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students are presented with topics such as Enterprise Network Devices and Services, Host and Network Investigations, Memory Forensics, Evidence Collection, Forensic Analysis, Chain of Custody standards, and

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Reporting and
Documentation
requirements.

Immersive learning
labs utilize the
Project Ares® Cyber
Range and
Wireshark network
protocol analyzer
software.

The Web
Application Hacker's

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Online Training
Handbook
Courses

Discovering and
Exploiting Security
Flaws

Advanced Hacking
Attacks from Start to
Finish

LabSim for Security
Pro

The Secret History
of Cyber War

Exam Core 1

Read Online
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Courses
220-1001 and Exam
Core 2 220-1002

Hands on Hacking

This title gives students an integrated and rigorous picture of applied computer science, as it comes to play in the construction of a simple yet powerful computer system.

CompTIA Security+
Study Guide (Exam

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Online Training
Courses

SY0-601)

Provides information on ways to use Wireshark to capture and analyze packets, covering such topics as building customized capture and display filters, graphing traffic patterns, and building statistics and reports.

Now available for Pre-Order! A common resolution set at the

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beginning of a new year is to "get my financial house in order." But how can you build a house, let alone pour any kind of foundation, without a blueprint? There are dozens of books and gurus trying to push their advice and tell you how to spend and invest your money. And then, there are three suburban dads just trying to make

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the world a little bit better. Meet Brad Barrett and Jonathan Mendonsa of the award-winning ChooseFI podcast and Chris Mamula of the popular blog "Can I Retire Yet?". They have walked the talk and now want to share their knowledge with you. Together, these three regular guys will show

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you how they did something extraordinary. They are all financially independent and doing meaningful work that fulfills them. All three left their corporate 9 to 5 jobs and are reaping the benefits of extra time with their families. Mirroring the format of the popular ChooseFI podcast, this book pulls

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from the collective knowledge of those who have decided to build a lifestyle around their passions instead of allowing their finances to dictate their future.

These stories demonstrate universal principles, giving you the opportunity to pick the elements that are the most applicable to your financial situation and

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"choose your own
adventure." The book
covers a wide range of
topics that will help you
build a strong financial
foundation: Developing
a growth mindset
Defining your values
and aligning them with
your spending Cutting
years from your
estimated retirement
date Questioning the
status quo on "required

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expenses" Cutting travel expenses and putting family vacations within your reach Learning how to earn more and live with abundance Updating the commonly accepted wisdom on college education and the debt associated with it Cutting through the noise on investing to discover strategies that work Showing how to

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implement investment strategies that enable the lifestyle you desire while controlling downside risk FI or Financial Independence is the new debt-free and getting back to 0 is just the beginning of a wonderful journey. Whether you have mountains of debt now or are recently debt free and wondering what to

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do next, Choose FI:

Your Blueprint to
Financial Independence
will give you the
information to guide
your next move.

Cybersecurity Essentials

Your Blueprint to
Financial Independence
Practical Packet

Analysis

A Dog's Guide to
Internet Security

The Official (ISC)2

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CISSP CBK Reference
Exam CAS-004

Women in
Cybersecurity

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quality,
authenticity, or
access to any online
entitlements

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included with the product. This effective study guide provides 100% coverage of every topic on the latest version of the CISM exam Written by an information security executive consultant, experienced author, and university instructor, this

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highly effective
integrated self-
study system
enables you to take
the challenging
CISM exam with
complete
confidence. CISM
Certified
Information
Security Manager
All-in-One Exam
Guide covers all
four exam domains

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developed by ISACA. You ' ll find learning objectives at the beginning of each chapter, exam tips, practice questions, and in-depth explanations. All questions closely match those on the live test in tone, format, and content. “ Note, ” “ Tip, ” and

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“Caution” sections throughout provide real-world insight and call out potentially harmful situations. Beyond fully preparing you for the exam, the book also serves as a valuable on-the-job reference.

Covers all exam domains, including:

- Information

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security

governance •

Information risk

management •

Information

security program

development and

management •

Information

security incident

management

Electronic content

includes: • 400

practice exam

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questions • Test engine that provides full-length practice exams and customizable quizzes by exam topic • Secured book PDF Presenting invaluable advice from the world's most famous computer security expert, this

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Courses

intensely readable
collection features
some of the most
insightful and
informative
coverage of the
strengths and
weaknesses of
computer security
and the price people
pay -- figuratively
and literally --
when security fails.
Discussing the

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issues surrounding things such as airplanes, passports, voting machines, ID cards, cameras, passwords, Internet banking, sporting events, computers, and castles, this book is a must-read for anyone who values security at any level --

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business, technical,
or personal.

Prepare for the
CompTIA CySA+
certification exam
with this fully
updated self-study
resource This
highly effective self-
study system
provides complete
coverage of every
objective for the
challenging

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Courses

CompTIA CySA+
Cybersecurity
Analyst exam.

You ' ll find learning objectives at the beginning of each chapter, exam tips, in-depth explanations, and practice exam questions. All questions closely mirror those on the actual test in

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content, format, and tone. Designed to help you pass the CS0-002 exam with ease, this definitive guide also serves as an essential on-the-job reference. Covers all exam topics, including:
Threat and vulnerability management Threat data and

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intelligence

Vulnerability

management,

assessment tools,

and mitigation

Software and

systems security

Solutions for

infrastructure

management

Software and

hardware assurance

best practices

Security operations

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Online Training
Courses

and monitoring
Proactive threat
hunting Automation
concepts and
technologies
Incident response
process, procedure,
and analysis
Compliance and
assessment Data
privacy and
protection Support
of organizational
risk mitigation

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Online content includes: 200+ practice questions
Interactive performance-based questions
Test engine that provides full-length practice exams and customizable quizzes by exam objective
A fast, hands-on introduction to

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offensive hacking techniques Hands-On Hacking teaches readers to see through the eyes of their adversary and apply hacking techniques to better understand real-world risks to computer networks and data. Readers will benefit from the author's years of

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experience in the field hacking into computer networks and ultimately training others in the art of cyber-attacks. This book holds no punches and explains the tools, tactics and procedures used by ethical hackers and criminal crackers alike. We will take

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you on a journey through a hacker ' s perspective when focused on the computer infrastructure of a target company, exploring how to access the servers and data. Once the information gathering stage is complete, you ' ll look for flaws and

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their known exploits—including tools developed by real-world government financed state-actors. • An introduction to the same hacking techniques that malicious hackers will use against an organization •

Written by infosec

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experts with proven
history of

publishing

vulnerabilities and

highlighting

security flaws •

Based on the tried
and tested material

used to train

hackers all over the

world in the art of

breaching networks

• Covers the

fundamental basics

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of how computer networks are inherently vulnerable to attack, teaching the student how to apply hacking skills to uncover vulnerabilities We cover topics of breaching a company from the external network perimeter, hacking

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internal enterprise systems and web application vulnerabilities. Delving into the basics of exploitation with real-world practical examples, you won't find any hypothetical academic only attacks here. From start to finish this

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book will take the student through the steps necessary to breach an organization to improve its security. Written by world-renowned cybersecurity experts and educators, Hands-On Hacking teaches entry-level professionals

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seeking to learn ethical hacking techniques. If you are looking to understand penetration testing and ethical hacking, this book takes you from basic methods to advanced techniques in a structured learning format.

Defensive Security

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Read Online
Cyber Security
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Handbook
CompTIA
PenTest+ Study
Guide

CISSP: Certified
Information
Systems Security
Professional Study
Guide

Learn Ethical
Hacking from
Scratch
Official (ISC)2®

Read Online
Cyber Security
Online Training
Courses

Guide to the
CISSP®-ISSEP®
CBK®

What Every
Programmer Needs
to Know

*The complete guide
to today's hard-to-
defend chained
attacks: performing
them and preventing
them Nowadays,
it's rare for*

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malicious hackers to rely on just one exploit or tool; instead, they use “chained” exploits that integrate multiple forms of attack to achieve their goals. Chained exploits are far more complex and far more difficult to defend. Few

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security or hacking books cover them well and most don't cover them at all. Now there's a book that brings together start-to-finish information about today's most widespread chained exploits—both how to perform them and how to prevent

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Courses

*them. Chained
Exploits*

*demonstrates this
advanced hacking
attack technique
through detailed
examples that
reflect real-world
attack strategies,
use today's most
common attack
tools, and focus on
actual high-value*

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targets, including credit card and healthcare data.

Relentlessly thorough and realistic, this book covers the full spectrum of attack avenues, from wireless networks to physical access and social engineering.

Writing for security,

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Courses

network, and other IT professionals, the authors take you through each attack, one step at a time, and then introduce today's most effective countermeasures—both technical and human. Coverage includes:

Constructing

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Online Training
Courses

*convincing new
phishing attacks*

*Discovering which
sites other Web
users are visiting*

*Wreaking havoc on
IT security via
wireless networks*

*Disrupting
competitors' Web
sites*

*Performing—and pre
venting—corporate*

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espionage

Destroying secure files Gaining access to private healthcare records

Attacking the viewers of social networking pages

Creating entirely new exploits and more Andrew

Whitaker, Director of Enterprise InfoSec and Networking for

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Courses

Training Camp, has been featured in The Wall Street Journal and BusinessWeek. He coauthored Penetration Testing and Network Defense. Andrew was a winner of EC Council's Instructor of Excellence Award. Keatron

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Evans is President and Chief Security Consultant of Blink Digital Security, LLC, a trainer for Training Camp, and winner of EC Council's Instructor of Excellence Award. Jack B. Voth specializes in penetration testing, vulnerability

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Courses

*assessment, and
perimeter security.*

*He co-owns The
Client Server, Inc.,
and teaches for
Training Camp
throughout the
United States and
abroad.*

informit.com/aw

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Corbis / Jupiter

Images

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The open source nature of the platform has not only established a new direction for the industry, but enables a developer or forensic analyst to understand the device at the most fundamental level. Android Forensics covers an open

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Online Training
Courses

*source mobile
device platform
based on the Linux
2.6 kernel and
managed by the
Open Handset
Alliance. The
Android platform is
a major source of
digital forensic
investigation and
analysis. This book
provides a thorough*

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Online Training
Courses

*review of the
Android platform
including supported
hardware devices,
the structure of the
Android
development project
and implementation
of core services
(wireless
communication,
data storage and
other low-level*

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Online Training
Courses

functions). Finally, it will focus on

teaching readers how to apply actual forensic techniques to recover data.

Ability to forensically acquire Android devices using the techniques outlined in the book Detailed information about Android applications

Read Online
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Online Training
Courses
*needed for forensics
investigations*

*Important
information about
SQLite, a file based
structured data
storage relevant for
both Android and
many other
platforms.*

*Ace preparation for
the CompTIA
Security+ Exam*

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Courses

SY0-301 with this 2-in-1 Training Kit from Microsoft Press]. Features a series of lessons and practical exercises to maximize performance with customizable testing options.

Everybody says be careful online, but

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Online Training
Courses

*what do they mean?
Lacey is a cyber-
smart dog who
protects kids by
teaching them how
to stay safe online.
Join Lacey and her
friend Gabbi on a
fun, cyber safe
adventure and learn
the ins and outs of
how to behave and
how to keep*

Read Online
Cyber Security
Online Training
Courses

yourself safe online.

*In this day in age
our kids are
accessing the
internet about as
soon as they can
read! Cyber Safe is
a fun way to ensure
they understand
their surroundings in
our digital world.*

*A Comprehensive
Resource for*

Read Online
Cyber Security
Online Training
Courses

Everyone

Exam PT0-002

CompTIA CySA+

Cybersecurity

Analyst Certification

All-in-One Exam

Guide, Second

Edition (Exam

CS0-002)

Hacker Techniques,

Tools, and Incident

Handling

Best Practices for

Read Online
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Online Training
Courses

Securing

Infrastructure

Python for

Cybersecurity

Android Forensics

The sophisticated methods used in recent high-profile cyber incidents have driven many to need to understand how such security issues work. Demystifying

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the complexity often associated with information assurance, Cyber Security Essentials provides a clear understanding of the concepts behind prevalent threats, tactics, and procedures. To accomplish Cyber Security Engineering is the

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definitive modern
reference and tutorial
on the full range of
capabilities
associated with
modern cyber security
engineering.

Pioneering software
assurance experts Dr.
Nancy R. Mead and
Dr. Carol C. Woody
bring together
comprehensive best
practices for building

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software systems that exhibit superior operational security, and for considering security throughout your full system development and acquisition lifecycles.

Drawing on their pioneering work at the Software Engineering Institute (SEI) and Carnegie Mellon University, Mead and

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Woody introduce seven core principles of software assurance, and show how to apply them coherently and systematically. Using these principles, they help you prioritize the wide range of possible security actions available to you, and justify the required investments.

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Cyber Security
Engineering guides
you through risk
analysis, planning to
manage secure
software
development, building
organizational
models, identifying
required and missing
competencies, and
defining and
structuring metrics.

Mead and Woody

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address important topics, including the use of standards, engineering security requirements for acquiring COTS software, applying DevOps, analyzing malware to anticipate future vulnerabilities, and planning ongoing improvements. This book will be valuable to wide audiences of

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practitioners and managers with responsibility for systems, software, or quality engineering, reliability, security, acquisition, or operations. Whatever your role, it can help you reduce operational problems, eliminate excessive patching, and deliver software that is more

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resilient and secure.
Prepare to succeed in
your new
cybersecurity career
with the challenging
and sought-after
CASP+ credential In
the newly updated
Fourth Edition of
CASP+ CompTIA
Advanced Security
Practitioner Study
Guide Exam
CAS-004, risk

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Courses

management and
compliance expert
Jeff Parker walks you
through critical
security topics and
hands-on labs
designed to prepare
you for the new
CompTIA Advanced
Security Professional
exam and a career in
cybersecurity
implementation.

Content and chapter

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structure of this
Fourth edition was
developed and
restructured to
represent the
CAS-004 Exam
Objectives. From
operations and
architecture concepts,
techniques and
requirements to risk
analysis, mobile and
small-form factor
device security,

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secure cloud
integration, and
cryptography, you'll
learn the
cybersecurity
technical skills you'll
need to succeed on
the new CAS-004
exam, impress
interviewers during
your job search, and
excel in your new
career in
cybersecurity

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implementation. This comprehensive book offers: Efficient preparation for a challenging and rewarding career in implementing specific solutions within cybersecurity policies and frameworks A robust grounding in the technical skills you'll need to impress during

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cybersecurity
interviews Content
delivered through
scenarios, a strong
focus of the CAS-004
Exam Access to an
interactive online test
bank and study tools,
including bonus
practice exam
questions, electronic
flashcards, and a
searchable glossary
of key terms Perfect

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for anyone preparing
for the CASP+
(CAS-004) exam and
a new career in
cybersecurity, CASP+
CompTIA Advanced
Security Practitioner
Study Guide Exam
CAS-004 is also an
ideal resource for
current IT
professionals wanting
to promote their
cybersecurity skills or

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prepare for a career transition into enterprise cybersecurity.

As a result of a rigorous, methodical process that (ISC) follows to routinely update its credential exams, it has announced that enhancements will be made to both the Certified Information

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Systems Security
Professional (CISSP)
credential, beginning
April 15, 2015. (ISC)
conducts this process
on a regular basis to
ensure that the
examinations and

Choose FI
Schneier on Security
CISM Certified
Information Security
Manager All-in-One
Exam Guide

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Online Training
Courses

CompTIA Security+
(exam SYO-301)

Cyber Security
Engineering

Cellular Convergence
and the Death of
Privacy

Your stepping stone
to penetration testing

*A practical
guide to
deploying
digital*

Read Online
Cyber Security
Online Training
Courses

*forensic
techniques in
response to
cyber security
incidents
About This
Book Learn
incident
response
fundamentals
and create an
effective*

Read Online
Cyber Security
Online Training
Courses

*incident
response
framework
Master
forensics
investigation
utilizing
digital
investigative
techniques
Contains real-
life scenarios*

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that effectively use threat intelligence and modeling techniques Who This Book Is For This book is targeted at Information Security professionals,

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forensics practitioners, and students with knowledge and experience in the use of software applications and basic command-line experience. It will also help

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*professionals
who are new to
the incident r
esponse/digita
l forensics
role within
their
organization.
What You Will
Learn Create
and deploy
incident*

Read Online
Cyber Security
Online Training
Courses

*response
capabilities
within your
organization
Build a solid
foundation for
acquiring and
handling
suitable
evidence for
later analysis
Analyze*

Read Online
Cyber Security
Online Training
Courses

*collected
evidence and
determine the
root cause of
a security
incident Learn
to integrate
digital
forensic
techniques and
procedures
into the*

Read Online
Cyber Security
Online Training
Courses

overall

incident

response

process

Integrate

threat

intelligence

in digital

evidence

analysis

Prepare

written

Read Online
Cyber Security
Online Training
Courses
*documentation
for use
internally or
with external
parties such
as regulators
or law
enforcement
agencies In
Detail Digital
Forensics and
Incident*

Read Online
Cyber Security
Online Training
Courses

*Response will
guide you
through the
entire
spectrum of
tasks
associated
with incident
response,
starting with
preparatory
activities*

Read Online
Cyber Security
Online Training
Courses

*associated
with creating
an incident
response plan
and creating a
digital
forensics
capability
within your
own
organization.
You will then*

Read Online
Cyber Security
Online Training
Courses

*begin a
detailed
examination of
digital
forensic
techniques
including
acquiring
evidence,
examining
volatile
memory, hard*

Read Online
Cyber Security
Online Training
Courses

*drive
assessment,
and network-
based
evidence. You
will also
explore the
role that
threat
intelligence
plays in the
incident*

Read Online
Cyber Security
Online Training
Courses

*response
process.*

*Finally, a
detailed
section on
preparing
reports will
help you
prepare a
written report
for use either
internally or*

Read Online
Cyber Security
Online Training
Courses

*in a
courtroom. By
the end of the
book, you will
have mastered
forensic
techniques and
incident
response and
you will have
a solid
foundation on*

Read Online
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*which to
increase your
ability to
investigate
such incidents
in your
organization.
Style and
approach The
book covers
practical
scenarios and*

Read Online
Cyber Security
Online Training
Courses

*examples in an
enterprise
setting to
give you an
understanding
of how digital
forensics
integrates
with the
overall
response to
cyber security*

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Online Training
Courses

incidents. You will also learn the proper use of tools and techniques to investigate common cyber security incidents such as malware infestation,

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Cyber Security
Online Training
Courses

*memory
analysis, disk
analysis, and
network
analysis.*

*This book
provides a
structured,
hands-on
introduction
to using
Python for*

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Online Training
Courses

*cybersecurity.
With the MITRE
ATT&CK*

*framework as a
guide, readers
will explore
the lifecycle
of a
cyberattack
and see how
Python code
can be used to*

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*solve key
challenges at
each stage of
the process.*

*Each
application
will be
explored from
the
perspective of
both the
attacker and*

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*the defender,
showing how
Python can be
used to
automate
attacks and to
detect and
prevent them.
By following
the MITRE
ATT&CK
framework,*

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*this book
explores the
use of Python
for a number
of
cybersecurity
uses cases,
including:
Intelligence
collection
Exploitation
and lateral*

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movement

Persistence

and privilege

escalation

Command and

control

Extraction and

encryption of

valuable data

Each use case

will include

ready-to-run

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*code samples
and
demonstrations
of their use
in a target
environment.
Readers will
gain hands-on
experience in
applying
Python to
cybersecurity*

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*use cases and
practice in
creating and
adapting
Python code to
address novel
situations.
Your career as
a Penetration
Tester begins
here with the
REVISED*

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CompTIA

*PenTest+ Study
Guide! CompTIA
PenTest+ Study
Guide: Exam
PT0-002,
Second
Edition,
introduces you
to the core
skills and
techniques*

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*that every pen
tester needs:*

*Perform
assessments of
traditional
server and
desktop
operating
systems as
well as new
types of
network*

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Online Training
Courses

*devices,
including
mobile, cloud,
IoT,
industrial,
and embedded
Identify
security
weaknesses
Manage system
vulnerabilitie
s Determine if*

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*existing
cybersecurity
practices
deviate from
accepted
practices,
configurations
and policies
Penetration
testers
simulate cyber
attacks to*

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find security weaknesses in networks, operating systems, and applications. Information security experts worldwide use penetration techniques to

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*evaluate
enterprise
defenses.
Typical
penetration
testing
consists of
low-level
hackers
attacking a
system with a
list of known*

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*vulnerabilitie
s, and
defenders
preventing
those hacks
using an
equally well-
known list of
defensive
scans. Readers
will also have
access to*

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*additional
online study
tools,
including
hundreds of
bonus practice
exam
questions,
electronic
flashcards,
and a
searchable*

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*Glossary of
important
terms. Prepare
smarter with
Sybex's
superior
interactive
online
learning
environment
and test bank.
Hacker*

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Cyber Security
Online Training
Courses

*Techniques,
Tools, and
Incident
Handling,
Third Edition
begins with an
examination of
the landscape,
key terms, and
concepts that
a security
professional*

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*needs to know
about hackers
and computer
criminals who
break into
networks,
steal
information,
and corrupt
data. It goes
on to review
the technical*

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*overview of
hacking: how
attacks target
networks and
the
methodology
they follow.
The final
section
studies those
methods that
are most*

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*effective when
dealing with
hacking
attacks,
especially in
an age of
increased
reliance on
the Web.*

*Written by
subject matter
experts, with*

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*numerous real-
world
examples,
Hacker
Techniques,
Tools, and
Incident
Handling,
Third Edition
provides
readers with a
clear,*

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*comprehensive
introduction
to the many
threats on our
Internet
environment
and security
and what can
be done to
combat them.
Building
Secure and*

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Reliable

Systems

Cyber Safe

Investigation,

Analysis, and

Mobile

Security for

Google Android

CASP+ CompTIA

Advanced

Security

Practitioner

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*Study Guide
Best Practices
for Designing,
Implementing,
and
Maintaining
Systems
Using Python
for Cyber
Offense and
Defense
Digital*

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Cyber Security
Online Training
Courses
*Forensics and
Incident
Response*

*Learn how to hack
systems like black
hat hackers and
secure them like
security experts*
*Key
Features Understand
how computer
systems work and
their vulnerabilities
Exploit weaknesses*

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and hack into machines to test their security Learn how to secure systems from hackers Book

Description This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and

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the Linux terminal. You will explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected

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devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised.

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Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real

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systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn

Understand ethical hacking and the different fields and types of hackers Set up a penetration

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*testing lab to practice
safe and legal
hacking Explore Linux
basics, commands,
and how to interact
with the terminal
Access password-
protected networks
and spy on
connected clients Use
server and client-side
attacks to hack and
control remote
computers Control a*

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hacked system remotely and use it to hack other systems Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning

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how to hack and test the security of systems like professional hackers and security experts. Cellular technology has always been a surveillance technology, but "cellular convergence" - the growing trend for all forms of communication to

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*consolidate onto the
cellular handset - has
dramatically
increased the impact
of that surveillance.*

*In Cellular
Convergence and the
Death of Privacy,
Stephen Wicker
explores this
unprecedented threat
to privacy from three
distinct but
overlapping*

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perspectives: the technical, the legal, and the social.

Professor Wicker first describes cellular technology and cellular surveillance using language accessible to non-specialists. He then examines current legislation and Supreme Court jurisprudence that

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form the framework for discussions about rights in the context of cellular surveillance. Lastly, he addresses the social impact of surveillance on individual users. The story he tells is one of a technology that is changing the face of politics and economics, but in

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ways that remain highly uncertain. Cybersecurity is undoubtedly one of the fastest-growing fields. However, there is an acute shortage of skilled workforce. The cybersecurity beginners guide aims at teaching security enthusiasts all about organizational digital

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assets' security, give them an overview of how the field operates, applications of cybersecurity across sectors and industries, and skills and certifications one needs to build and scale up a career in this field.

Cybercrime continues to skyrocket but we

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are not combatting it effectively yet. We need more cybercrime investigators from all backgrounds and working in every sector to conduct effective investigations. This book is a comprehensive resource for everyone who

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encounters and investigates cybercrime, no matter their title, including those working on behalf of law enforcement, private organizations, regulatory agencies, or individual victims. It provides helpful background material about cybercrime's technological and

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*legal underpinnings,
plus in-depth detail
about the legal and
practical aspects of
conducting
cybercrime
investigations. Key
features of this book
include:*

*Understanding
cybercrime,
computers, forensics,
and cybersecurity
Law for the*

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*cybercrime
investigator,
including cybercrime
offenses; cyber
evidence-gathering;
criminal, private and
regulatory law, and
nation-state
implications
Cybercrime
investigation from
three key
perspectives: law
enforcement, private*

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*sector, and
regulatory Financial
investigation
Identification
(attribution) of cyber-
conduct
Apprehension
Litigation in the
criminal and civil
arenas. This far-
reaching book is an
essential reference
for prosecutors and
law enforcement*

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officers, agents and analysts, as well as for private sector lawyers, consultants, information security professionals, digital forensic examiners, and more. It also functions as an excellent course book for educators and trainers. We need more investigators who know how to

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fight cybercrime, and this book was written to achieve that goal. Authored by two former cybercrime prosecutors with a diverse array of expertise in criminal justice and the private sector, this book is informative, practical, and readable, with innovative methods

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and fascinating
anecdotes

throughout.

*Building a Modern
Computer from First
Principles*

Chained Exploits

CompTIA A+

*Complete Practice
Tests*

Dark Territory

*Cybersecurity Blue
Team Toolkit*

Foundations of

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Courses

Research Anthology
on Advancements in
Cybersecurity
Education

*Totally updated for
2011, here's the
ultimate study guide
for the CISSP exam
Considered the most
desired certification
for IT security
professionals, the*

Certified Information Systems Security Professional designation is also a career-booster. This comprehensive study guide covers every aspect of the 2011 exam and the latest revision of the CISSP body of knowledge. It offers advice on how to pass each section

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of the exam and features expanded coverage of biometrics, auditing and accountability, software security testing, and other key topics. Included is a CD with two full-length, 250-question sample exams to test your progress. CISSP certification identifies

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*the ultimate IT
security professional;
this complete study
guide is fully updated
to cover all the
objectives of the 2011
CISSP exam Provides
in-depth knowledge
of access control,
application
development security,
business continuity
and disaster recovery*

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*planning,
cryptography,
Information Security
governance and risk
management,
operations security,
physical
(environmental)
security, security
architecture and
design, and
telecommunications
and network security*

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Also covers legal and regulatory investigation and compliance Includes two practice exams and challenging review questions on the CD Professionals seeking the CISSP certification will boost their chances of success with CISSP: Certified Information

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Online Training
Courses

***Systems Security
Professional Study
Guide, 5th Edition.
The Official
CompTIA Security+
Self-Paced Study
Guide (Exam
SY0-601)***

***Can a system be
considered truly
reliable if it isn't
fundamentally
secure? Or can it be***

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Courses

*considered secure if
it's unreliable?*

*Security is crucial to
the design and
operation of scalable
systems in
production, as it plays
an important part in
product quality,
performance, and
availability. In this
book, experts from
Google share best*

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practices to help your organization design scalable and reliable systems that are fundamentally secure. Two previous O'Reilly books from Google—Site Reliability Engineering and The Site Reliability Workbook—demonstrated how and why a

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commitment to the entire service lifecycle enables organizations to successfully build, deploy, monitor, and maintain software systems. In this latest guide, the authors offer insights into system design, implementation, and maintenance from practitioners who

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*specialize in security
and reliability. They
also discuss how
building and adopting
their recommended
best practices
requires a culture
that's supportive of
such change. You'll
learn about secure
and reliable systems
through: Design
strategies*

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Recommendations for coding, testing, and debugging practices
Strategies to prepare for, respond to, and recover from incidents
Cultural best practices that help teams across your organization collaborate effectively
Modern society has become dependent on

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technology, allowing personal information to be input and used across a variety of personal and professional systems. From banking to medical records to e-commerce, sensitive data has never before been at such a high risk of misuse. As such, organizations

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now have a greater responsibility than ever to ensure that their stakeholder data is secured, leading to the increased need for cybersecurity specialists and the development of more secure software and systems. To avoid issues such as hacking and create a

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*safer online space,
cybersecurity
education is vital and
not only for those
seeking to make a
career out of
cybersecurity, but
also for the general
public who must
become more aware
of the information
they are sharing and
how they are using it.*

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It is crucial people learn about cybersecurity in a comprehensive and accessible way in order to use the skills to better protect all data. The Research Anthology on Advancements in Cybersecurity Education discusses innovative concepts,

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*theories, and
developments for not
only teaching
cybersecurity, but
also for driving
awareness of efforts
that can be achieved
to further secure
sensitive data.*

*Providing
information on a
range of topics from
cybersecurity*

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education requirements, cyberspace security talents training systems, and insider threats, it is ideal for educators, IT developers, education professionals, education administrators, researchers, security analysts, systems

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*engineers, software
security engineers,
security
professionals,
policymakers, and
students.*

*The Official
CompTIA Security+
Self-Paced Study
Guide (Exam
SY0-601)
Official (ISC)2 Guide
to the CISSP CBK*

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*An Introduction to
Cyber Security*

*The Elements of
Computing Systems*

*A Beginner's Guide
Cyber Security*

Essentials

Cybersecurity

*Fundamentals Study
Guide*

**Provides a basic
overview of the
employment status**

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***of women in the
cybersecurity field.
Test your
knowledge and
know what to
expect on A+ exam
day CompTIA A+
Complete Practice
Tests, Second
Edition enables
you to hone your
test-taking skills,
focus on
challenging areas,***

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and be thoroughly prepared to ace the exam and earn your A+ certification. This essential component of your overall study plan presents nine unique practice tests—and two 90-question bonus tests—covering 100% of the

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**objective domains
for both the
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220-1002 exams.
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essential exam
topic ensures that
you will know what
to expect on exam
day and maximize
your chances for
success. Over 1200
practice questions**

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***on topics including
hardware,
networking, mobile
devices, operating
systems and
procedures,
troubleshooting,
and more, lets you
assess your
performance and
gain the
confidence you
need to pass the
exam with flying***

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colors. This second edition has been fully updated to reflect the latest best practices and updated exam objectives you will see on the big day. A+ certification is a crucial step in your IT career. Many businesses require this accreditation when

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hiring computer technicians or validating the skills of current employees. This collection of practice tests allows you to:
Access the test bank in the Sybex interactive learning environment
Understand the

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**subject matter
through clear and
accurate answers
and explanations
of exam objectives
Evaluate your
exam knowledge
and concentrate on
problem areas
Integrate practice
tests with other
Sybex review and
study guides,
including the**

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Complete Study
Guide and the
CompTIA A+
Complete Deluxe
Study Guide
Practice tests are
an effective way to
increase
comprehension,
strengthen
retention, and
measure overall
knowledge. The**

**CompTIA A+
Complete Practice
Tests, Second
Edition is an
indispensable part
of any study plan
for A+
certification.
A practical
handbook to
cybersecurity for
both tech and non-
tech professionals
As reports of major**

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data breaches fill the headlines, it has become impossible for any business, large or small, to ignore the importance of cybersecurity. Most books on the subject, however, are either too specialized for the non-technical professional or too

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**general for
positions in the IT
trenches. Thanks
to author Nadean
Tanner's wide
array of experience
from teaching at a
University to
working for the
Department of
Defense, the
Cybersecurity Blue
Team Toolkit
strikes the perfect**

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balance of substantive and accessible, making it equally useful to those in IT or management positions across a variety of industries. This handy guide takes a simple and strategic look at best practices and tools available to

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both cybersecurity management and hands-on professionals, whether they be new to the field or looking to expand their expertise. Tanner gives comprehensive coverage to such crucial topics as security assessment and

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configuration, strategies for protection and defense, offensive measures, and remediation while aligning the concept with the right tool using the CIS Controls version 7 as a guide. Readers will learn why and how to use fundamental

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**open source and
free tools such as
ping, tracert,
PuTTY, pathping,
sysinternals,
NMAP, OpenVAS,
Nexpose
Community,
OSSEC, Hamachi,
InSSIDer, Nexpose
Community,
Wireshark,
Solarwinds Kiwi
Syslog Server,**

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**Metasploit, Burp,
Clonezilla and
many more. Up-to-
date and practical
cybersecurity
instruction,
applicable to both
management and
technical positions**

- **Straightforward
explanations of the
theory behind
cybersecurity best
practices** •

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Designed to be an easily navigated tool for daily use • Includes training appendix on Linux, how to build a virtual lab and glossary of key terms The Cybersecurity Blue Team Toolkit is an excellent resource for anyone working in digital policy as

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well as IT security professionals, technical analysts, program managers, and Chief Information and Technology Officers. This is one handbook that won't gather dust on the shelf, but remain a valuable reference at any career level, from

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**student to
executive.**

**The Official (ISC)2
Guide to the CISSP-
ISSEP CBK**

**provides an
inclusive analysis
of all of the topics
covered on the
newly created
CISSP-ISSEP
Common Body of
Knowledge. The
first fully**

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**comprehensive
guide to the CISSP-
ISSEP CBK, this
book promotes
understanding of
the four ISSEP
domains:**

**Information
Systems Security
Engineering (ISSE);
Certifica
Using Wireshark to
Solve Real-world
Network Problems**

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Online Training
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***Training Kit
A Practical
Approach for
Systems and
Software
Assurance
Network Defense
and Investigations
Cybercrime
Investigations***

Software developers
need to worry about
security as never before.

They need clear

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guidance on safe coding practices, and that ' s exactly what this book delivers. The book does not delve deep into theory, or rant about the politics of security. Instead, it clearly and simply lays out the most common threats that programmers need to defend against. It then shows programmers how to make their

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defense. The book takes a broad focus, ranging over SQL injection, worms and buffer overflows, password security, and more. It sets programmers on the path towards successfully defending against the entire gamut of security threats that they might face.

An accessible
introduction to

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cybersecurity concepts
and practices

Cybersecurity Essentials
provides a
comprehensive
introduction to the field,
with expert coverage of
essential topics required
for entry-level
cybersecurity
certifications. An
effective defense consists
of four distinct
challenges: securing the

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infrastructure, securing devices, securing local networks, and securing the perimeter.

Overcoming these challenges requires a detailed understanding of the concepts and practices within each realm. This book covers each challenge individually for greater depth of information, with real-world

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scenarios that show what vulnerabilities look like in everyday computing scenarios. Each part concludes with a summary of key concepts, review questions, and hands-on exercises, allowing you to test your understanding while exercising your new critical skills.

Cybersecurity jobs

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range from basic configuration to advanced systems analysis and defense assessment. This book provides the foundational information you need to understand the basics of the field, identify your place within it, and start down the security certification path. Learn security and surveillance

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fundamentals Secure
and protect remote
access and devices
Understand network
topologies, protocols,
and strategies Identify
threats and mount an
effective defense

Cybersecurity Essentials
gives you the building
blocks for an entry level
security certification and
provides a foundation of
cybersecurity knowledge

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The only official, comprehensive reference guide to the CISSP Thoroughly updated for 2021 and beyond, this is the authoritative common body of knowledge (CBK) from (ISC)2 for information security professionals charged with designing, engineering, implementing, and

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managing the overall information security program to protect organizations from increasingly sophisticated attacks. Vendor neutral and backed by (ISC)2, the CISSP credential meets the stringent requirements of ISO/IEC Standard 17024. This CBK covers the current eight

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domains of CISSP with the necessary depth to apply them to the daily practice of information security. Revised and updated by a team of subject matter experts, this comprehensive reference covers all of the more than 300 CISSP objectives and sub-objectives in a structured format with:

Common and good

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practices for each objective Common vocabulary and definitions References to widely accepted computing standards Highlights of successful approaches through case studies Whether you've earned your CISSP credential or are looking for a valuable resource to help advance your security

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career, this comprehensive guide offers everything you need to apply the knowledge of the most recognized body of influence in information security