

Access Free Caching
Architecture Guide For Net
Framework Applications

Caching

**Architecture Guide
For Net Framework
Applications**

Innovate at scale through

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**well-architected API-led
products that drive
personalized, predictive,
and adaptive customer
experiences Key
Features Strategize your IT
investments by modeling**

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**enterprise solutions with an
API-centric approach Build
robust and reliable API
platforms to boost business
agility and omnichannel
delivery Create digital value
chains through the**

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productization of your APIs
Book Description API-centric architectures are foundational to delivering omnichannel experiences for an enterprise. With this book, developers will learn

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techniques to design loosely coupled, cloud-based, business-tier interfaces that can be consumed by a variety of client applications. Using real-world examples and

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case studies, the book helps you get to grips with the cloudbased design and implementation of reliable and resilient API-centric solutions. Starting with the evolution of enterprise

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applications, you'll learn how API-based integration architectures drive digital transformation. You'll then learn about the important principles and practices that apply to cloud-based

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API architectures and advance to exploring the different architecture styles and their implementation in Azure. This book is written from a practitioner's point of view,

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so you'll discover ideas and practices that have worked successfully in various customer scenarios. By the end of this book, you'll be able to architect, design, deploy, and monetize your

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API solutions in the Azure cloud while implementing best practices and industry standards. What you will learn
Explore the benefits of API-led architecture in an enterprise
Build highly

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**reliable and resilient, cloud-
based, API-centric
solutions** Plan technical
initiatives based on Well-
Architected Framework
principles Get to grips with
the productization and

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**management of your API
assets for value
creation**

**Design high-scale
enterprise integration
platforms on the Azure
cloud**

**Study the important
principles and practices**

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**that apply to cloud-based
API architectures**
**Who this
book is for** This book is for
**solution architects,
developers, engineers,
DevOps professionals, and
IT decision-makers who are**

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**responsible for designing
and developing large
distributed systems.
Familiarity with enterprise
solution architectures and
cloud-based design will
help you to comprehend**

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**the concepts covered in the
book easily.**

**Communication Systems:
The State of the Art
captures the depth and
breadth of the field of
communication systems:**

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**-Architectures and
Protocols for Distributed
Systems; -Network and
Internetwork Architectures;
-Performance of
Communication Systems;
-Internet Applications**

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**Engineering; -Management
of Networks and
Distributed Systems;
-Smart Networks; -Wireless
Communications;
-Communication Systems
for Developing Countries;**

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**-Photonic Networking;
-Communication Systems in
Electronic Commerce. This
volume's scope and
authority present a rare
opportunity for people in
many different fields to**

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**gain a practical
understanding of where the
leading edge in
communication systems lies
today-and where it will be
tomorrow.**

Provides information on

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**building an Ajax-based Web
site using ASP.NET 3.5.**

**A .NET developer's guide to
crafting robust,
maintainable, and flexible
web apps by leveraging C#
9 and .NET 5 features and**

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**component-scale and
application-scale design
patterns Key FeaturesApply
software design patterns
effectively, starting small
and progressing to cloud-
scaleDiscover modern**

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**application architectures
such as vertical slice, clean
architecture, and event-
driven
microservicesExplore
ASP.NET design patterns,
from options to full-stack**

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**web development using
BlazorBook Description
Design patterns are a set of
solutions to many of the
common problems
occurring in software
development. Knowledge of**

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**these design patterns helps
developers and
professionals to craft
software solutions of any
scale. ASP.NET Core 5
Design Patterns starts by
exploring basic design**

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patterns, architectural principles, dependency injection, and other ASP.NET Core mechanisms. You'll explore the component scale as you discover patterns oriented

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toward small chunks of the software, and then move to application-scale patterns and techniques to understand higher-level patterns and how to structure the application as

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a whole. The book covers a range of significant GoF (Gangs of Four) design patterns such as strategy, singleton, decorator, facade, and composite. The chapters are organized

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based on scale and topics, allowing you to start small and build on a strong base, the same way that you would develop a program. With the help of use cases, the book will show you how

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**to combine design patterns
to display alternate usage
and help you feel
comfortable working with a
variety of design patterns.
Finally, you'll advance to
the client side to connect**

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the dots and make ASP.NET Core a viable full-stack alternative. By the end of the book, you'll be able to mix and match design patterns and have learned how to think about

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architecture and how it works. What you will learn
Apply the SOLID principles for building flexible and maintainable software
Get to grips with .NET 5 dependency

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injection Work with GoF
design patterns such as
strategy, decorator, and
composite Explore the MVC
patterns for designing web
APIs and web applications
using Razor Discover

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**layering techniques and
tenets of clean
architecture Become
familiar with CQRS and
vertical slice architecture
as an alternative to
layering Understand**

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microservices, what they are, and what they are not
Build ASP.NET UI from server-side to client-side Blazor
Who this book is for
This design patterns book is for intermediate-level

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**software and web
developers with some
knowledge of .NET who
want to write flexible,
maintainable, and robust
code for building scalable
web applications.**

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Knowledge of C# programming and an understanding of web concepts like HTTP is necessary.
Integrate proven performance and scalability

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techniques throughout the .NET application life cycle—and gain an edge in building better-performing products. This guide presents a robust framework organized by

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**task and role, helping
developers, architects,
testers, and administrators
prioritize and implement
the best options at the
appropriate time. It offers
focused, end-to-end**

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guidance—including processes for modeling performance and techniques for measuring, testing, and fine-tuning your applications. You'll also get tips direct from

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Microsoft development teams for improving the performance and scalability of managed code; Microsoft ASP.NET, ADO.NET, and SQL Server; Web services; .NET Remoting; XML; and

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more. The book features a "How To" section that details the steps for a number of specific performance-related tasks, such as adding performance counters and

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**using the common
language runtime (CLR)
profiler. PATTERNS &
PRACTICES guides are
reviewed and approved by
Microsoft engineering
teams, consultants,**

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**partners, and
customers—delivering
accurate, real-world
information that's been
technically validated and
tested.**

A developer's guide to

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**building cloud-native
applications using the Dapr
event-driven runtime
A Comprehensive,
Illustrated Internet
Protocols Reference
Effective Use of Microsoft**

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**Enterprise Library
Cluster the JVM for Spring,
Hibernate and POJO
Scalability
Pro ASP.NET 2.0 in C#
2005, Special Edition
Study Guide & DVD**

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Training System

With each new advance in connectivity and convenience comes a new wave of threats to privacy and security capable of destroying a company's reputation, violating a consumer's privacy, compromising intellectual property,

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**and in some cases endangering personal safety. This is why it is essential for information security professionals to stay up to da
Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database**

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management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This revised third edition--updated for Cassandra 4.0 and new developments in the Cassandra ecosystem, including deployments

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in Kubernetes with

K8ssandra--provides technical details and practical examples to help you put this database to work in a production environment.

Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra's nonrelational

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design, with special attention to data modeling. Developers, DBAs, and application architects looking to solve a database scaling issue or future-proof an application will learn how to harness Cassandra's speed and flexibility. Understand Cassandra's distributed and

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**decentralized structure Use the
Cassandra Query Language (CQL)
and cqlsh (the CQL shell) Create a
working data model and compare it
with an equivalent relational model
Design and develop applications
using client drivers Explore cluster
topology and learn how nodes**

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**exchange data Maintain a high level
of performance in your cluster
Deploy Cassandra onsite, in the
cloud, or with Docker and
Kubernetes Integrate Cassandra
with Spark, Kafka, Elasticsearch,
Solr, and Lucene
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designing applications on the Microsoft application platformâ€™” straight from the Microsoft patterns & practices team. Learn how to choose the most appropriate architecture and the best implementation technologies that the Microsoft

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application platform offers applications developers. Get critical design recommendations and guidelines organized by application typeâ€”from Web, mobile, and rich Internet applications to Office Business Applications. Youâ€™™ll also get links to additional technical

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resources that can help with your application development. This book describes the key concepts, principles and implementation options for creating high-assurance cloud computing solutions. The guide starts with a broad technical overview and basic

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introduction to cloud computing, looking at the overall architecture of the cloud, client systems, the modern Internet and cloud computing data centers. It then delves into the core challenges of showing how reliability and fault-tolerance can be abstracted, how

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the resulting questions can be solved, and how the solutions can be leveraged to create a wide range of practical cloud applications. The author's style is practical, and the guide should be readily understandable without any special background. Concrete examples are

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often drawn from real-world settings to illustrate key insights. Appendices show how the most important reliability models can be formalized, describe the API of the Isis2 platform, and offer more than 80 problems at varying levels of difficulty.

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“This book is a great reference for web designers new to ASP.NET who are looking to jump start their development with Visual Web Developer 2008.” Mikhail Arkhipov Principal Development Manager – Web Development Tools Microsoft Corporation Expression Web

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introduced ASP.NET to a new group of web developers. This book is designed to help you start using ASP.NET right away to add powerful new features to your website. Don't worry, you won't have to learn a lot of programming; instead, you'll create an ASP.NET

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application from start to finish using Visual Web Developer 2008, while writing only a very small amount of actual programming code. DETAILED INFORMATION ON HOW TO... • Create and work with websites in Visual Web Developer 2008 • Use the different compilation

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**and code models in ASP.NET •
Configure ASP.NET security and
other settings • Use ASP.NET
master pages and user controls •
Take advantage of ASP.NET
membership features for a
password-protected website • Use
form validation in ASP.NET • Use**

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CSS, skins, and themes • Access, edit, and add data to a database using ASP.NET • Send email using ASP.NET • Use Ajax and ASP.NET Web services • Debug and troubleshoot ASP.NET . . . and much more!

Moving To ASP.NET

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Exam 70-442

**Microsoft Application Architecture
Guide**

Clean Architecture

The Definitive Guide to Terracotta

Cassandra: The Definitive Guide

*Provides coverage of the
Delphi language and .NET*

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*development concepts,
including memory
management, Reflection,
GDI+, and Web forms.
As your essential guide to
Microsoft's new SQL Server
2005 certification (exam*

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70-442), this book offers you practical and in-depth coverage. Full coverage of all exam objectives is presented in a systematic approach so you can be confident you're getting the instruction you

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need for the exam. Plus, practical hands-on exercises reinforce critical skills and real-world scenarios put what you've learned in the context of actual job roles. Finally, challenging review questions in

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each chapter prepare you for exam day.

Presents an introduction to ASP.NET, covering such topics as Web forms, diagnostics and error handling, data binding, caching, and security.

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ASP.NET 2.0 is Microsoft's premier technology for creating dynamic websites, and C# 2005 its preferred language. Development and innovation in this sector has continued at a rapid pace with

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the "Web 2.0" technologies of Ajax and Microsoft "Atlas" both becoming available since the .NET 2.0 launch. This special edition of Pro ASP.NET 2.0 in C# 2005 includes new chapters explaining how to use

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important new technologies. Beyond the book's already extensive coverage, readers will learn to create Ajax and Atlas applications in ASP.NET 2.0, and will appreciate its deeper coverage of ASP.NET

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2.0 Performance Tuning.

Discover the powerful capabilities of Dapr by implementing a sample application with microservices leveraging the actor model to foster its strengths. Find out

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*how Dapr helps you simplify
the creation of resilient and
portable microservices with
this book.*

*Building Solutions with the
Microsoft .NET Compact
Framework*

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*Guide to Reliable Distributed
Systems*

*Guidelines for Application
Integration*

*A guide for architects and
developers to expedite digital
transformation with API-led*

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architectures

Distributed Data at Web Scale

*Delphi for .NET Developer's
Guide*

**Steve Harris shows current
.NET developers (with
programming experience) a**

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**brand new programming
model that lets them
immediately use ASP.NET to
create Web applications,
including both Web Form
applications and Web
Services.**

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**Professional Sitecore
Development offers
comprehensive information
for programmers learning
the CMS and experienced
Sitecore developers alike.
This guidance can help**

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**your organization minimize
implementation cost and
time to web, increasing
revenue while decreasing
IT costs. With this book,
you will learn how to
implement solutions with**

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**Sitecore, how the Sitecore
architecture enhances the
ASP.NET development
process, how to use
Sitecore's extensive
Application Programming
Interfaces, and how to**

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deploy the website.

Professional Sitecore

Development provides

coverage on a range of

topics including:

Installing and configuring

Sitecore Implementing an

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**information architecture
and transforming content
into web pages Using the
Sitecore security
infrastructure, managing
errors, and testing
automatically Managing**

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**Sitecore projects,
optimizing performance,
and scaling Sitecore
solutions Tips, tricks,
and best practices for
working with the CMS
Extending Sitecore and**

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integrating external systems, including coverage of configuration, events, pipelines, and Sitecore's user interface technology If you're looking for a solution for

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**web content management,
then Sitecore is your
answer and this book will
get you started using this
valuable software today.
This book introduces one
of the most exciting and**

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popular .NET-oriented initiatives; the Enterprise Application Library, which offers nine classes of reusable code used to solve a variety of common problem spaces. It

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**is the first book to
introduce all ten of the
enterprise application
blocks, which have been
recently updated for .NET
2.0. It covers a number of
topics, including**

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**configuration, data
access, exception
management, caching,
application updates, UI
separation, asynchronous
invocation, logging,
security, and XML-based**

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**information aggregation.
With this book readers
will be able to build .NET
applications faster and
more efficiently.
Writing robust enterprise
applications presents a**

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**special challenge for
developers, but Microsoft
has addressed that
challenge with the free,
downloadable Enterprise
Library for the .NET
Framework. Enterprise**

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Library is a collection of application blocks and guidance documents that together provide functionality common to enterprise applications; each application block

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**includes full source code.
Lacking in the guidance
provided by Microsoft is
an overall roadmap to the
process of using the
application blocks.
Effective Use of Microsoft**

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**Enterprise Library is that
roadmap. Microsoft
application development
lead architect Len Fenster
explains exactly how to
build applications using
Enterprise Library**

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application blocks.

Fenster covers all seven application blocks as implemented for .NET Framework 1.1, shows how to develop and use a new application block, and

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**explains how Enterprise
Library is changing for
.NET Framework 2.0.**

**Readers will learn How the
Configuration Application
Block is designed and can
be used at runtime to**

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**easily read and write
configuration data How the
Configuration Application
Block works at design time
for all blocks How to use
the Data Access Block to
create a portable data**

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**layer How to use the
Exception Handling
Application Block to
implement a policy-driven,
application-wide exception
handling system How to use
the Logging and**

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Instrumentation

**Application Block to log
and instrument messages
independent of the message
destination How to add
authentication,
authorization, role**

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**membership, security
cache, and profile
membership features to an
application with the
Security Application Block
How to use the
Cryptography Application**

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**Block to add functionality
to encrypt and decrypt
data and create and
compare hashes How to
build your own application
block and providers that
“snap” right into**

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Enterprise Library Whether you plan to extend **Enterprise Library** for your organization, or just use the existing application blocks to add functionality to your

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**architecture in a
consistent, extensible,
integrated way, this book
will guide you through the
complexities and help you
find a clear path to
success.**

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**The Definitive Guide to
the Microsoft Enterprise
LibraryApress
Learn to create ASP.NET
applications using Visual
Web Developer 2008 Adobe
Reader**

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**An end to end guide
covering the latest
features of Visual Studio
2019, Blazor and Entity
Framework, 2nd Edition
A Complete Guide
Fedora 12 Security-**

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**Enhanced Linux User Guide
The Definitive Guide to
the Microsoft Enterprise
Library
Building Blocks for
Creating Enterprise
Applications and Services**

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- Increase your chances of selection by 16X.
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Computer Science Paper II Kit comes with well-structured Content & Chapter wise Practice Tests for your self-evaluation • Clear exam with good grades using thoroughly Researched Content by experts.

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Terracotta is a High Availability (HA) nth degree scaling and clustering engine for traditional J2EE and Java EE 5 applications (using Seam or other) as well as Spring-based enterprise applications. Written and officially

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authorized, this will likely be the first and only definitive book on Terracotta by Terracotta team led by Terracotta CTO. The book contains several pragmatic real-world case studies. These empower the reader to build

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highly scalable, optimized performing enterprise Java applications for financial and even gaming applications. Terracotta is now available in open source options at Terracotta.org.

This book describes the essential

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components of the SCION secure Internet architecture, the first architecture designed foremost for strong security and high availability. Among its core features, SCION also provides route control, explicit trust

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information, multipath communication, scalable quality-of-service guarantees, and efficient forwarding. The book includes functional specifications of the network elements, communication protocols among these elements,

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data structures, and configuration files. In particular, the book offers a specification of a working prototype. The authors provide a comprehensive description of the main design features for achieving a secure Internet architecture.

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They facilitate the reader throughout, structuring the book so that the technical detail gradually increases, and supporting the text with a glossary, an index, a list of abbreviations, answers to

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frequently asked questions, and special highlighting for examples and for sections that explain important research, engineering, and deployment features. The book is suitable for researchers, practitioners, and graduate

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students who are interested in network security.

Presenting cutting-edge insights from industry practitioners, .NET 4 for Enterprise Architects and Developers supplies in-depth coverage of the various server-

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side features of Microsoft .NET Framework 4 that can be leveraged in Enterprise Application development. It provides a fundamental understanding of the technical aspects of implementation and

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details a step-by-step approach for real-life implementation using specific .NET 4 features. The book is useful to architects, developers, students, and technology enthusiasts who wish to learn more about .NET 4. It illustrates

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key scenarios and specific features with code snippets to help you understand the technical aspects of implementation. Praise for the book: ... presents broad and deep coverage of key technologies released as part of

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.NET Framework 4. —Kris Gopalakrishnan, Executive Co-Chairman, Chairperson, Executive Council of Infosys Ltd. ... the authors introduce us to new features of .NET, provide deep insights into it, and explain how it

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can be applied in enterprise application development scenarios. ... highly recommended —Naveen Kumar, Principal Architect, Microsoft Technology Center, Infosys Ltd. ... excellent in-depth coverage of .NET

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Framework 4 —Subu
Goparaju, Senior Vice President,
Head of Infosys Labs, Infosys Ltd.
"... Contains a catalog of 18
integration patterns, including
implementations that use BizTalk
Server 2004, Host Integration

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Server 2004, ASP.NET, Visual
Studio .NET, Visio 2003 and the
.Net Framework"--Preface.

Building High-Assurance
Applications and Cloud-Hosted
Services

Practical Software Factories in

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.NET

The Microsoft Expression Web
Developer's Guide to ASP.NET 3.5
A Craftsman's Guide to Software
Structure and Design
AWS Certified Cloud Practitioner
Complete Training Guide

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Essential ASP. NET with
Examples in C#

Extend your existing technology
investments--and increase your
organization's agility--by
integrating disparate
applications and data into

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solutions that work together to meet ever-evolving business needs. This guide defines application integration and describes the requirements, capabilities, and best practices to help you achieve success. It is

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written for technical decision makers and architects looking for practical recommendations on how to orchestrate an application integration project that puts heterogeneous and legacy applications to

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work--helping to maximize ROI and organizational responsiveness. PATTERNS & PRACTICES guides are reviewed and approved by Microsoft engineering teams, consultants, partners, and

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customers--delivering accurate, real-world information that's been technically validated and tested.

The official "Fedora 12 Security-Enhanced Linux User Guide" provides an introduction to

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fundamental concepts and practical applications of SELinux (Security-Enhanced Linux).

From Charles M. Kozierok, the creator of the highly regarded www.pcguide.com, comes The TCP/IP Guide. This completely

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up-to-date, encyclopedic reference on the TCP/IP protocol suite will appeal to newcomers and the seasoned professional alike. Kozierek details the core protocols that make TCP/IP internetworks function and the

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most important classic TCP/IP applications, integrating IPv6 coverage throughout. Over 350 illustrations and hundreds of tables help to explain the finer points of this complex topic. The book 's personal, user-friendly

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writing style lets readers of all levels understand the dozens of protocols and technologies that run the Internet, with full coverage of PPP, ARP, IP, IPv6, IP NAT, IPSec, Mobile IP, ICMP, RIP, BGP, TCP, UDP, DNS, DHCP,

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SNMP, FTP, SMTP, NNTP, HTTP, Telnet, and much more. The TCP/IP Guide is a must-have addition to the libraries of internetworking students, educators, networking professionals, and those

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working toward certification.

This IBM® Redbooks®
publication provides system
administrators and developers
with the knowledge to
configure an IBM WebSphere®
Application Server Version 8

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runtime environment, to package and deploy applications, and to perform ongoing management of the WebSphere environment. As one in a series of IBM Redbooks publications and IBM Redpapers

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publications for V8, the entire series is designed to give you in-depth information about key WebSphere Application Server features. In this book, we provide a detailed exploration of the WebSphere Application

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Server V8 runtime

administration process. This book includes configuration and administration information for WebSphere Application Server V8 and WebSphere Application Server Network Deployment V8

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on distributed platforms and
WebSphere Application Server
for z/OS® V8. The following
publications are prerequisites
for this book: WebSphere
Application Server V8.0
Technical Overview, REDP-4756

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IBM WebSphere Application
Server V8 Concepts, Planning,
and Design Guide, SG24-7957
The Software Factory
methodology is based on
recognition of these similarities
and a drive to extend the

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concept of "reusability" to the point where we achieve entirely automated product lines. Based on an analysis and understanding of the common features and techniques of a set of applications, a Software

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Factory defines a tailored, end-to-end methodology for building these applications. At the heart of the Software factory methodology is the concept of Domain Specific Languages (DSLs), which in essence are

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development environments specifically tailored to the set of applications in hand. It removes a certain degree of flexibility but greatly enhances productivity by removing a lot of the coding complexity (for an analogy,

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consider the use of the now ubiquitous drag-and-drop controls in Winforms or Visual Basic). Further, in the SF methodology, patterns, process advice, and best practices can be harvested and applied for all

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applications in the set. There are some good books on the theory of SF already on the market. Up until this point, a lot of these concepts were fairly theoretical and abstract.

Essential ASP.NET with

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Examples in Visual Basic .NET
WebSphere Application Server
V8: Administration and
Configuration Guide
A SOLID adventure into
architectural principles, design
patterns, .NET 5, and C#

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MCITP Developer: Microsoft SQL
Server 2005 Data Access Design
and Optimization Study Guide
.NET 4 for Enterprise Architects
and Developers
Professional Sitecore
Development

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Practical Software

Architecture Solutions from
the Legendary Robert C.
Martin (“Uncle Bob”) By
applying universal rules of
software architecture, you
can dramatically improve
developer productivity

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throughout the life of any software system. Now, building upon the success of his best-selling books Clean Code and The Clean Coder, legendary software craftsman Robert C. Martin (“Uncle Bob”) reveals those rules

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and helps you apply them.
Martin's Clean Architecture
doesn't merely present
options. Drawing on over a
half-century of experience
in software environments of
every imaginable type,
Martin tells you what

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choices to make and why they are critical to your success. As you've come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you'll face—the ones that will make

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or break your projects.

Learn what software
architects need to
achieve—and core disciplines
and practices for achieving
it Master essential software
design principles for
addressing function,

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component separation, and
data management See how
programming paradigms impose
discipline by restricting
what developers can do
Understand what's critically
important and what's merely
a "detail" Implement

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optimal, high-level
structures for web,
database, thick-client,
console, and embedded
applications Define
appropriate boundaries and
layers, and organize
components and services See

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why designs and
architectures go wrong, and
how to prevent (or fix)
these failures Clean
Architecture is essential
reading for every current or
aspiring software architect,
systems analyst, system

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designer, and software manager—and for every programmer who must execute someone else's designs.

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available.

bull; bull;The .NET Compact Framework (CF) brings the power of .NET to mobile devices, yet there is very little information on how to use it effectively bull;The number of developers using

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the .NET CF over the next few years is anticipated to increase greatly bull;Covers related important topics such as SQL Server 2000 Windows CE edition MCSA/MCSE Managing and Maintaining a Windows Server

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2003 Environment: Exam
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Training System is a one-of-
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simulation and remediation.
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coverage of the official Microsoft 70-290 exam objectives plus test preparation software for the edge you need to pass the exam on your first try. In June, 2003 Microsoft will launch beta exams for the

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Windows Server 2003

certification line. Exams will likely go live the following August and September. This launch is a comprehensive revamping of the MCSE (Microsoft Certified System Engineer)

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track with all new core exams and all new electives. In addition, the MCSA (Microsoft Certified System Administrator) certification will expand its program to include an additional upgrade exam for MCSAs

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wanting to become MCSEs. The launch of this new certification track means that all current MCSEs, representing an installed base of approximately 200,000 (source: MCP Magazine) will need to

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recertify under Windows Server 2003. In addition, any MCP looking to become an MCSE--estimates are about 1.2 million (source: MCP Magazine)--will also have to continue their certifications under the new

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program. Many industry experts expect the Windows 2003 certification, and product line as well, to be a more popular track since many organizations are still using NT and plan to skip 2000 and go directly to

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2003. * DVD Provides a
"Virtual Classroom": Get the
benefits of instructor led
training at a fraction of
the cost and hassle. *
Guaranteed Coverage of All
Exam Objectives: If the
topic is listed in

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Microsoft's Exam 70-290 objectives, it is covered here. * Fully Integrated Learning: This system includes a study guide, DVD training and Web-based practice exams.

AWS Certifications are

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industry-recognized credentials that validate your technical cloud skills and expertise while assisting in your career growth. These are one of the most valuable IT certifications right now

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since AWS has established an overwhelming lead in the public cloud market. Even with the presence of several tough competitors such as Microsoft Azure, Google Cloud Engine, and Rackspace, AWS is by far the dominant

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public cloud platform today,
with an astounding
collection of proprietary
services that continues to
grow. The AWS Certified
Cloud Practitioner (CLF-C01)
examination is intended for
individuals who have the

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knowledge and skills
necessary to effectively
demonstrate an overall
understanding of the AWS
Cloud, independent of
specific technical roles
addressed by other AWS
certifications (e.g.,

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Solutions Architect - Associate, Developer - Associate, or SysOps Administrator - Associate). The certification will provide you a high level overview on what AWS Cloud is all about. The exam

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covers four domains,
including AWS core services,
cloud concepts, security
aspect, pricing and support
services. AWS Certified
Cloud Practitioner is a new
entry-level certification
and enables individuals to

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validate their knowledge of the AWS Cloud with an industry-recognized credential. This certification exam validates your ability to define and identify:

- AWS Cloud and its basic global

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infrastructure • AWS Cloud
architectural principles •
AWS Cloud value proposition
• Key services on the AWS
platform and their common
use cases (example, compute
and analytics) • Basic
security and compliance

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aspects of the AWS platform
and the shared security
model • Billing, account
management, and pricing
models • Sources of
documentation or technical
assistance (example,
whitepapers or support

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tickets) • Basic and core characteristics of deploying and operating in the AWS Cloud

Content Management Server (CMS) is fast becoming a vital content-management tool that helps

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administrators and developers handle the ever-increasing amount of content on their Web sites. However, an authoritative source of product information has been missing...until now.

A Complete Guide to Portals

Access Free Caching Architecture Guide For Net Framework Applications and User Experience

Platforms

UGC NET Computer Science

Paper II Chapter Wise

Notebook | Complete

Preparation Guide

With Practice Labs: By

IPSspecialist

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Designing API-First

Enterprise Architectures on
Azure

Official (ISC)2 Guide to the
CISSP CBK

An An Atypical ASP.NET Core
5 Design Patterns Guide

"If you have any interest in

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writing .NET programs using Active Directory or ADAM, this is the book you want to read." —Joe Richards, Microsoft MVP, directory services Identity and Access Management are rapidly gaining importance as key areas

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of practice in the IT industry, and directory services provide the fundamental building blocks that enable them. For enterprise developers struggling to build directory-enabled .NET applications, The .NET

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Developer's Guide to Directory Services Programming will come as a welcome aid. Microsoft MVPs Joe Kaplan and Ryan Dunn have written a practical introduction to programming directory services, using both

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versions 1.1 and 2.0 of the .NET Framework. The extensive examples in the book are in C#; a companion Web site includes both C# and Visual Basic source code and examples. Readers will Learn to create, rename, update,

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and delete objects in Active Directory and ADAM Learn to bind to and search directories effectively and efficiently Learn to read and write attributes of all types in the directory Learn to use directory services within

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ASP.NET applications Get
concrete examples of common
programming tasks such as
managing Active Directory and
ADAM users and groups, and
performing authentication

Experienced .NET

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developers—those building enterprise applications or simply interested in learning about directory services—will find that *The .NET Developer's Guide to Directory Services Programming* unravels the complexities and

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helps them to avoid the common pitfalls that developers face.

Explore the tools and techniques to build scalable and secured RESTful web services and web applications using C# 8 and ASP. NET Core 3.1 Key

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FeaturesDelve into MVC patterns, configuration, routing, and deployment to build professional-grade applicationsLearn how to integrate ASP applications with the JavaScript frameworks

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React, Vue, and AngularImprove
the performance of applications
and the development team by
implementing advanced
ASP.NET Core conceptsBook
Description ASP.NET has been
the preferred choice of web

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developers for a long time. With ASP.NET Core 3, Microsoft has made internal changes to the framework along with introducing new additions that will change the way you approach web development. This second

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edition has been thoroughly updated to help you make the most of the latest features in the framework, right from gRPC and conventions to Blazor, which has a new chapter dedicated to it. You'll begin with an overview of

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the essential topics, exploring the Model-View-Controller (MVC) pattern, various platforms, dependencies, and frameworks. Next, you'll learn how to set up and configure the MVC environment, before delving into

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advanced routing options. As you advance, you'll get to grips with controllers and actions to process requests, and later understand how to create HTML inputs for models. Moving on, you'll discover the essential

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aspects of syntax and processes when working with Razor. You'll also get up to speed with client-side development and explore the testing, logging, scalability, and security aspects of ASP.NET Core. Finally, you'll

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learn how to deploy ASP.NET Core to several environments, such as Azure, Amazon Web Services (AWS), and Docker. By the end of the book, you'll be well versed in development in ASP.NET Core and will have a

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deep understanding of how to interact with the framework and work cross-platform. What you will learnUnderstand the new capabilities of ASP.NET Core 3.1Become well versed in how to configure ASP.NET Core to use

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it to its full potential
Create controllers and action methods,
and understand how to maintain
state
Implement and validate
forms and retrieve information
from them
Improve productivity
by enforcing reuse, process

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forms, and effective security measures
Delve into the new Blazor development model
Deploy ASP.NET Core applications to new environments, such as Microsoft Azure, AWS, and Docker
Who

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this book is for If you are a developer with basic knowledge of ASP.NET MVC and want to build powerful applications, then this book is for you. Developers who want to explore the latest changes in ASP.NET Core 3.1 to

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build professional-level applications will also find this book useful. Familiarity with C#, ASP.NET Core, HTML, and CSS is expected to get the most out of this book.

Build a Next-Generation

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Enterprise Digital Platform with
Portals and UXPA Complete
Guide to Portals and User
Experience Platforms provides in-
depth coverage of portal
technologies and user
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which form the key pillars of a modern digital platform. Drawing on his experience in various roles in numerous portal engagements, Imagine what you could do if scalability wasn't a problem. With

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this hands-on guide, you'll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This third edition—updated for

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Cassandra 4.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of

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Cassandra's nonrelational design, with special attention to data modeling. If you're a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide

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helps you harness Cassandra's speed and flexibility. Understand Cassandra's distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and

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compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how nodes exchange data

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Based on the author's extensive experience teaching ASP.NET to professional developers, this text should prove useful to any serious ASP.NET developer.

Building a Web 2.0 Portal with
ASP.NET 3.5

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SCION: A Secure Internet
Architecture

Architecture and Best Practices
for Mobile Development

Modern Web Development with
ASP.NET Core 3

Communication Systems

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The State of the Art IFIP 17th
World Computer Congress - TC6
Stream on Communication
Systems: The State of the Art
August 25-30, 2002, Montréal,
Québec, Canada

Hands-on solutions for

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*common SharePoint 2010
challenges Aimed at the
more than 100 million
licensed SharePoint 2010
users, this
indispensable field
guide addresses an*

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*abundance of common
SharePoint 2010 problems
and offers proven
solutions. A team of
authors encourages you
to customize SharePoint
beyond the out-of-the-*

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*box functionality so
that you can build more
complex solutions to
these challenges. You'll
discover intricate
details and specific
full-scale solutions*

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*that you can then
implement to your own
SharePoint 2010
solutions. Tackles a
variety of SharePoint
2010 problems ranging
from simple to complex,*

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*and offers sound
solutions Details the
SharePoint object model,
reviews site
provisioning solutions,
and explores scalable
applications Looks at UI*

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*design and branding,
visual web parts, and
PowerShell Discusses
custom global
navigation, field types,
content types, and list
templates SharePoint*

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2010 Field Guide

*provides you with the
right direction for
building solutions to
SharePoint 2010
problems.*

Web Development with VB

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*SharePoint 2010 Field
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*MCSA/MCSE Managing and
Maintaining a Windows
Server 2003 Environment
(Exam 70-290)*

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with Dapr and .NET
The TCP/IP Guide***