

## Sap Ariba Cloud Integration Gateway

Build a flexible and sustainable environment for SAP S/4HANA development with this guide to SAP Cloud Platform services! Walk through the steps involved in designing your enterprise architecture, from evaluating your existing landscape to extending and enhancing SAP S/4HANA without disrupting the core. You'll get a detailed look at how to use SAP Cloud Platform services for master data, data integration, business process automation, UX, and security. Future-proof your system! Highlights include: 1) Enterprise architecture design 2) Master data distribution 3) Data integration 4) Business process automation 5) User experience 6) Security 7) Extensions 8) Cloud-native applications 9) DevOps 10) Continuous monitoring

Originally published under the title: SAP Ariba and SAP Fieldglass

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. A beginner's guide to Apache Camel that walks you through basic operations like installation and setup right through to developing simple applications. This book is a good starting point for Java developers who have to work on an application dealing with various systems and interfaces but who haven't yet started using Enterprise System Buses or Java Business Integration frameworks.

This is your comprehensive guide to SAP Ariba: implementation, configuration, operations, and integration! Get step-by-step instructions for each functional area, from contract and invoice management to guided buying and beyond. See how each SAP Ariba application fits into your procurement landscape and how they connect to SAP S/4HANA and SAP ERP. Get your cloud procurement project started today! a. Configuration See how SAP Ariba interacts with the procurement landscape and then set it up! From loading master data to configuring purchasing policies and approvals, this step-by-step guide has you covered. b. Functionality After go-live, learn how to use each piece of SAP Ariba! Follow detailed instructions and screenshots to master your core SAP Ariba tasks like creating invoices and analyzing your spending. c. Integration Understand how SAP Ariba connects to peripheral solutions, and start your integration project today! Dig into integrating Ariba Network, SAP Ariba Sourcing, SAP Ariba Supply Chain Collaboration for Buyers, and SAP Fieldglass. 1) Implementation 2) Configuration 3) Integration 4) Ariba Network 5) SAP Ariba Supply Chain Collaboration for Buyers 6) SAP Ariba Supplier Lifecycle and Performance 7) SAP Ariba Supplier Risk 8) SAP Ariba Sourcing 9) SAP Ariba Contracts 10) SAP Ariba Buying and Invoicing 11) SAP Ariba Spend Analysis 12) Guided buying

Learn how to migrate your SAP data to Azure simply and successfully. Key Features Learn why Azure is suitable for business-critical systems Understand how to migrate your SAP infrastructure to Azure Use Lift & shift migration, Lift & migrate, Lift & migrate to HANA, or Lift & transform to S/4HANA Book Description Cloud technologies have now reached a level where even the most critical business systems can run on them. For most organizations SAP is the key business system. If SAP is unavailable for any reason then potentially your business stops. Because of this, it is understandable that you will be concerned whether such a

critical system can run in the public cloud. However, the days when you truly ran your IT system on-premises have long since gone. Most organizations have been getting rid of their own data centers and increasingly moving to co-location facilities. In this context the public cloud is nothing more than an additional virtual data center connected to your existing network. There are typically two main reasons why you may consider migrating SAP to Azure: You need to replace the infrastructure that is currently running SAP, or you want to migrate SAP to a new database. Depending on your goal SAP offers different migration paths. You can decide either to migrate the current workload to Azure as-is, or to combine it with changing the database and execute both activities as a single step. SAP on Azure Implementation Guide covers the main migration options to lead you through migrating your SAP data to Azure simply and successfully. What you will learn Successfully migrate your SAP infrastructure to Azure Understand the security benefits of Azure See how Azure can scale to meet the most demanding of business needs Ensure your SAP infrastructure maintains high availability Increase business agility through cloud capabilities Leverage cloud-native capabilities to enhance SAP Who this book is for SAP on Azure Implementation Guide is designed to benefit existing SAP architects looking to migrate their SAP infrastructure to Azure. Whether you are an architect implementing the migration or an IT decision maker evaluating the benefits of migration, this book is for you.

Are you working with SAP software for the first time, or are you switching from SAP ERP and are confronted with SAP S/4HANA for the first time? Then this quick start guide with its concise overview of the functional scope and a clear introduction to the new SAP Fiori user interface is right for you. Clarify the terms ERP, HANA and S/4HANA, as well as the two licensing options for S/4HANA, on-premise and cloud. You will learn about the essential integrated business processes and how they are mapped in SAP S/4HANA using the Fiori apps. To do this, the authors take you through the modules related to logistics, such as materials management, sales and distribution, and production planning and control, and then demonstrate the integration with financial accounting and controlling. You will learn about the most important functions as well as organizational and master data objects, and by the end of the book you will also know which components are assigned to each module. Finally, using case studies, you will walk step by step through the three most important end-to-end processes in SAP S/4HANA: Order to Cash, Purchase to Pay and Forecast to Fulfill. - Cross-module presentation of business processes - SAP basic terms explained in a simple and understandable way - Introduction to the new user interface SAP Fiori - Includes 4 hours of video material

'Supply Chain Collaboration' reviews the industry standards and best practices and describes how they can and should be adopted.

Bring your cloud and on-premise applications together with SAP Cloud Platform Integration! Learn how to integrate processes and data in your system, step-by-step, by developing and configuring integration flows in the Cloud Foundry and Neo environments. Explore prepackaged integration content in the integration content catalog, debug and secure integration projects, enable B2B integration, develop custom adapters, and more. With this guide, master SAP Cloud

Platform Integration! a. Fundamentals Find out how SAP Cloud Platform Integration fits into SAP's cloud strategy. Whether you're in the Cloud Foundry or Neo environment, explore its architecture and tools, and learn how to run your first integration flow. b. Integration Development Using prepackaged integration content? Developing custom integrations? Either way, this guide has you covered with step-by-step instructions and screenshots. Master the SAP Cloud Platform Integration runtime, including processes like debugging and error handling. c. Updated and Expanded Revised to include new SAP Cloud Platform Integration features including open connectors, ELSTER integration, AMQP and JMS adapters, integration flow processing simulation, and how to use the service on both Cloud Foundry and Neo. 1) Integration flows 2) Integration content catalog 3) Modeling synchronous and asynchronous scenarios 4) Debugging 5) Security 6) B2B integration 7) Root cause analysis 8) Web UI 9) Message mappings 10) SAP API Management

The cloud is all the rage at SAP, but the details are a little fuzzy. This book includes step-by-step instructions about working with SAP HANA Cloud Platform, SAP's only PaaS offering. It shows you how to build, deploy, and secure applications, and get the basics on extending SAP HANA Enterprise Cloud (HEC) and SuccessFactors.

Connect your SAP system and the world of OData with this comprehensive guide to SAP Gateway! Begin with the basics, then walk through the steps to create an OData service. Expand your skills further, with how-tos on developing SAPUI5 apps with the SAP Web IDE; building SAP Fiori, mobile, and enterprise applications; and performing administrative tasks for lifecycle management and security. Explore the latest trends and technologies, and map out your OData future!

a. Deployment, Installation, Configuration Get started! Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration. b. OData Services Create! Walk through the specific tools for and steps in creating OData services. Then learn how to extend your existing OData services, including redefining services and customizing SAP Fiori apps. c. Application Development Develop! Learn how OData and SAP Gateway are used in SAPUI5, SAP Fiori, mobile, social media, and enterprise applications. Highlights: SAP Gateway installation and deployment OData service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA Galileo Press heißt jetzt Rheinwerk Verlag.

"See how SAP S/4HANA will change your BI processes! Explore the embedded analytics architecture and data model to learn how to perform analytics on live transactional data. Business user? Walk step-by-step through SAP Smart Business KPIs and multidimensional reporting. Analytics specialist? Master the virtual data model and creating KPIs. Jack of all trades? Create CDS views, apply custom fields and logic, or see what's coming up with machine learning. This is your complete guide to SAP S/4HANA embedded analytics!"--

Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that

demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

Tailor your SAP S/4HANA system to your business needs with SAP Cloud Platform and the SAP S/4HANA Cloud SDK. In this comprehensive guide to side-by-side extensibility, you'll learn to build, secure, and maintain applications that extend the functional scope and reach of SAP S/4HANA. Once the apps are up and running, integrate them with SAP S/4HANA and customize them further with in-app extensions. Optimize SAP S/4HANA for your business!--

Looking to innovate, transform processes, or just get more from your data? This guide to SAP Leonardo shows you how new technologies--from machine learning to blockchain--intersect with existing processes to transform your business. You'll walk through practical examples of SAP Leonardo tools at work in manufacturing, product management, logistics, finance, and more. From using machine learning for smart manufacturing to leveraging IoT and big data for a connected fleet, you'll get the hands-on introduction to SAP Leonardo you've been looking for Highlights include: -SAP Leonardo Analytics -SAP Leonardo Big Data -SAP Leonardo Blockchain -SAP Leonardo Internet of Things -SAP Leonardo Machine Learning -Data intelligence -Manufacturing and assets -Products and inventory -Logistics -Finance

Pop the hood on SAP S/4HANA with this guide to its technical and application architecture! Understand the new data and programming models that underpin SAP S/4HANA and see how they differ from SAP ERP. Learn about technology components, like embedded analytics and integration. Then walk through the architecture of individual application areas like finance and logistics to see how they work and interact.

Considering SAP S/4HANA Cloud? Explore scoping, compliance, performance, and more. Get the complete blueprint to SAP S/4HANA! a.

Technical Architecture Build your understanding of SAP S/4HANA's technical foundation. Explore capabilities like analytics, interfaces, enterprise search, and the SAP Fiori user experience. See how the virtual data model and the ABAP RESTful programming model work. b.

Application Architecture Learn about SAP S/4HANA's master data types. Then step through each application area to explore its key architecture components: sales and service operations, procurement, project management, manufacturing, transportation management, extended warehouse management, and finance. c. SAP S/4HANA Cloud Discover the architecture of SAP S/4HANA Cloud, whether it's identity and access management, security and compliance, or side-by-side extensions. Learn how SAP S/4HANA Cloud manages tasks and explore the fundamentals of configuration.

1) SAP S/4HANA 2) SAP S/4HANA Cloud 3) Master data 4) Sales and service 5) Logistics and manufacturing 6) Transportation management 7) Extended warehouse management 8) Finance 9) Identity and access management 10)

Security and compliance 11) Cloud operations 12) Side-by-side extensions

Gain a better understanding of implementing SAP S/4HANA-based digital transformations. This book helps you understand the various components involved in the planning and execution of successful SAP S/4HANA projects. Learn how to ensure success by building a solid business case for SAP S/4HANA up front and track business value generated throughout the implementation. Implementing SAP S/4HANA provides a framework for planning and executing SAP S/4HANA projects by articulating the implementation approach used by different components in SAP S/4HANA implementations. Whether you are mid-way through the SAP S/4HANA program or about to embark on it, this book will help you throughout the journey. If you are looking for answers on why SAP S/4HANA requires special considerations as compared to a traditional SAP implementation, this book is for you. What You Will Learn Understand various components of your SAP S/4HANA project Forecast and track your success throughout the SAP S/4HANA implementation Build a solid business case for your SAP S/4HANA program Discover how the implementation approach varies across these components Who This Book Is For SAP S/4HANA clients (line managers and consultants).

SAP Ariba Customizing & Application Guide \*\*\* with Best Practices Solution for - Cloud Integration Gateway (CIG) - SAP Ariba Supplier Lifecycle and Performance (SLP) - MDG Business Partner (BP) MDG - S Best Practices Solutions about SAP Ariba Supplier Lifecycle and Performance (SLP) with MDG Business Partner (BP) MDG - S ; Cloud Integration Gateway (CIG) SAP Ariba Configuration , Customizing , Implementation & Application Guide with Best Practices Solution Best Practices Solutions about SAP Ariba Supplier Lifecycle and Performance (SLP) with MDG Business Partner (BP) MDG - S ; Cloud Integration Gateway ; Service Entry Sheet Application , Configuration of MDG (BP) (CIG) T Bytes Platforms & Applications EGBG Services LLC

Unpack your API toolkit with this guide to SAP API Management. Learn how to use the API Designer to create enterprise APIs and discover how to manage their lifecycle. Walk through key processes that optimize your APIs and keep them running smoothly: traffic management, mediation, security, and monetization. Get expert guidance on building applications, generating integration flows, and running analytics. Master API management from end to end In this book, you'll learn about: a. API Lifecycle Walk through API management from end to end: design, management, consumption, and more. Understand how components such as the Developer Portal and API Gateway support the API lifecycle. b. Key Processes Make the most of your APIs. See how to monitor traffic; perform message transformation, parsing, and validation; handle API security threats; and monetize API products. c. Consumption and Analytics Get your APIs working for you. Learn how to consume APIs in SAP Fiori apps, mobile apps built with SAP Mobile Services, and more. Then, analyze API consumption to gain insight into usage trends and performance. Highlights Include: 1) Architecture 2) End-to-end lifecycle 3) Design and development 4) Traffic management 5) Mediation 6) Security 7) Monetization 8) Consumption 9) Enterprise integration 10) Analytics 11) SAP API Business Hub

From small start-ups to major corporations, companies of all sizes have embraced cloud computing for the scalability, reliability, and cost benefits it can provide. It has even been said that cloud computing may have a greater effect on our lives than the PC and dot-com revolutions combined. Filled with comparative charts and decision trees, Implemente Sie arbeiten zum ersten Mal mit der SAP-Software oder sind als Umsteiger von SAP ERP erstmalig mit SAP S/4HANA konfrontiert? Dann ist dieser Schnelleinstieg mit seinem kompakten Überblick über den Funktionsumfang und einer anschaulichen Einführung in die neue Benutzeroberfläche SAP Fiori für Sie genau richtig. Was sich hinter den Begriffen

ERP, HANA und S/4HANA verbirgt, wird ebenso skizziert wie die beiden Lizenzmodelle von S/4HANA, On-Premise und Cloud. Sie lernen die wesentlichen integrierten Geschäftsprozesse kennen und wie diese mithilfe der Fiori-Apps in SAP S/4HANA abgebildet werden. Dazu nehmen die Autoren Sie mit in die Module rund um die Logistik wie Materialwirtschaft, Vertrieb und Versand sowie Produktionsplanung und -steuerung, um anschließend die Integration in die Finanzbuchhaltung und das Controlling aufzuzeigen. Sie lernen jeweils die wichtigsten Funktionen sowie Organisations- und Stammdatenobjekten kennen und wissen am Ende auch, welche Komponenten welchen Modulen zuzuordnen sind. Anhand von Fallbeispielen verfolgen Sie schließlich den integrativen Durchlauf der drei wichtigsten End-to-End-Prozesse in SAP S/4HANA: Order to Cash, Purchase to Pay und Forecast to Fulfill. - Modulübergreifende Darstellung der Geschäftsprozesse - SAP-Grundbegriffe einfach und verständlich erklärt - Einführung in die neue Benutzeroberfläche SAP Fiori - Inklusive 4 Stunden Videomaterial

The best-selling book on SAP S/4HANA migration is back! Dive into this complete guide to SAP S/4HANA migrations paths, processes, and tools. Start with the basics: explore prerequisites for migration and learn about the on-premise, cloud, and hybrid operating models. Then get to know each migration path: brownfield, greenfield, or selective data transition. Understand the steps you'll take as you plan, prepare, and perform your migration, for any implementation path you choose. Your SAP S/4HANA migration starts today! 1) Your guide to SAP S/4HANA migration and implementation projects 2) Planning, preparation, implementation: find the information you need for each project phase 3) Detailed instructions for brownfield and greenfield scenarios 4) 2nd edition, updated and expanded a. Migration Paths Cloud, on-premise, or hybrid? Brownfield, greenfield, or selective data transition? Explore your migration options and then tailor your path to a successful migration. b. Processes Walk through each migration method with expert advice, instructions, and screenshots for system conversions, new implementations, and more. c. Tools Master the tools of the trade: SAP S/4HANA migration cockpit, SAP S/4HANA migration object modeler, and a survey of the latest migration and modeling tools. 1) Cloud, on-premise, and hybrid scenarios 2) System conversion 3) New implementation 4) Data migration 5) Selective data transition 6) SAP S/4HANA Cloud 7) SAP Activate 8) Migration object modeler 9) Migration cockpit 10) Rapid data migration

This document brings together a set of latest data points and publicly available information relevant for Platforms & Applications This document brings together a set of latest data points and publicly available information relevant for Platforms & Applications periodic publication immensely.

Transform your logistics operations with SAP S/4HANA! With this introduction, see what SAP has in store for each supply chain line of business: sales order management, manufacturing, inventory management, warehousing, and more.

Discover how SAP Fiori apps and embedded analytics improve reporting, and explore the intersection between your supply chain processes and new SAP Leonardo technologies. Take your first look at SAP S/4HANA logistics, and see where it will take your business! a. Key Processes Advances in SAP S/4HANA are changing your supply chain. Explore planning and scheduling, transportation management, inventory management, manufacturing, warehousing, sourcing and procurement, plant maintenance, and more! b. The Future of Logistics Uncover what's new and improved in SAP S/4HANA for your logistics LOBs, such as centralized procurement to demand-driven MRP. See how technologies like IoT and machine learning can accelerate your core supply chain processes. c. Migration Once you see the logistics big picture, you can plan your next steps. Learn how to design your roadmap, evaluate your technical and functional conversion steps, and prepare your system for your desired migration path. 1) Sourcing and procurement 2) Inventory management 3) Warehouse management 4) Production planning 5) Manufacturing operations 6) Plant maintenance 7) Quality management 8) SAP Fiori applications 9) SAP Leonardo technologies 10) Implementation and migration 11) SAP S/4HANA 1809

Introduction to E-commerce discusses the foundations and key aspects of E-commerce while focusing on the latest developments in the E-commerce industry. Practical case studies offer a useful reference for dealing with various issues in E-commerce such as latest applications, management techniques, or psychological methods. Dr. Zheng Qin is currently Director of the E-Commerce Institute of Xi'an Jiaotong University.

Today, constellations of firms ally against each other--and the firm that stands alone, may fail alone. Now there's a start-to-finish guide to the opportunities facing extended enterprises. This book show why extended enterprises demand radically new buyer-supplier relationships, why traditional business structures inhibit alliances, and how to develop the competencies a company needs.

Whether you're upgrading an existing billing system or moving to a subscription- or consumption-based model, SAP BRIM is ready--and here's is your guide! From subscription order management and charging to invoicing and contract accounting, get step-by-step instructions for each piece of the billing puzzle. For setup, execution, or analytics, follow a continuous case study through each billing process. With this book, join the future of billing! a. End-to-End Billing Learn the what and the why of SAP BRIM, and then master the how! Charging, invoicing, contract accounts receivable and payable, and subscription order management--see how to streamline billing with the SAP BRIM solutions. b. Configuration and Functionality Set up and use SAP BRIM tools: Subscription Order Management, SAP Convergent Charging, SAP Convergent Invoicing, FI-CA, and more. Implement them individually or as part of an integrated landscape. c. SAP BRIM in Action Meet Martex Corp., a fictional telecommunications case study and your guide through the SAP BRIM suite. Follow its path to subscription-based billing and learn from billing industry best practices! 1) SAP Billing and Revenue Innovation Management 2) Subscription order management 3) SAP Convergent Charging 4) SAP Convergent Invoicing 5) Contracts accounting (FI-CA) 6) SAP Convergent Mediation 7) Reporting and analytics 8) Implementation 9) Project management

Build, secure, and deploy real-world serverless applications in AWS and peek into the serverless cloud offerings from Azure, Google Cloud,

and IBM Cloud Key Features Build serverless applications with AWS Lambda, AWS CloudFormation and AWS CloudWatch Perform data analytics and natural language processing(NLP)on the AWS serverless platform Explore various design patterns and best practices involved in serverless computing Book Description Managing physical servers will be a thing of the past once you're able to harness the power of serverless computing. If you're already prepped with the basics of serverless computing, Serverless Programming Cookbook will help you take the next step ahead. This recipe-based guide provides solutions to problems you might face while building serverless applications. You'll begin by setting up Amazon Web Services (AWS), the primary cloud provider used for most recipes. The next set of recipes will cover various components to build a Serverless application including REST APIs, database, user management, authentication, web hosting, domain registration, DNS management, CDN, messaging, notifications and monitoring. The book also introduces you to the latest technology trends such as Data Streams, Machine Learning and NLP. You will also see patterns and practices for using various services in a real world application. Finally, to broaden your understanding of Serverless computing, you'll also cover getting started guides for other cloud providers such as Azure, Google Cloud Platform and IBM cloud. By the end of this book, you'll have acquired the skills you need to build serverless applications efficiently using various cloud offerings. What you will learn Serverless computing in AWS and explore services with other clouds Develop full-stack apps with API Gateway, Cognito, Lambda and DynamoDB Web hosting with S3, CloudFront, Route 53 and AWS Certificate Manager SQS and SNS for effective communication between microservices Monitoring and troubleshooting with CloudWatch logs and metrics Explore Kinesis Streams, Amazon ML models and Alexa Skills Kit Who this book is for For developers looking for practical solutions to common problems while building a serverless application, this book provides helpful recipes. To get started with this intermediate-level book, knowledge of basic programming is a must.

Developers! Make the grade with this SAP Cloud Platform certification study guide. From application development and integration to mobile services and the Internet of Things, this guide will review the key technical and functional knowledge you need to pass with flying colors. Explore test methodology, key concepts for each topic area, and practice questions and answers to solidify your knowledge. Your path to SAP Cloud Platform certification begins here! a. Test Structure Prepare with up-to-date information on each topic covered in the C\_CP\_13 exam, including application development, extension, and integration. b. Core Content Review major subject areas like architecture, the Cloud Foundry and Neo development environments, SAP Cloud Platform Internet of Things, and SAP Cloud Platform Mobile Services. Then dial in with important terminology, and key takeaways for each subject. c. Q&A After reviewing chapters, test your skills with in-depth questions and answers for each section and improve your test-taking skills. 1) C\_CP\_13 2) Architecture 3) Development, extension, and integration 4) SAP Cloud Platform Mobile Services 5) SAP Cloud Platform Internet of Things 6) SAP Cloud Platform SDK 7) SAP Cloud Platform SDK for the Neo environment 8) Cloud Foundry 9) Java 10) SAP HANA XS 11) SAPUI5

Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll learn about: a. Technology Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements. b. Tools Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration. c. Key Roles Understand how to use SAP HANA as a

developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center

Your one-stop guide to learning and implementing Red Team tactics effectively

**Key Features**

- Target a complex enterprise environment in a Red Team activity
- Detect threats and respond to them with a real-world cyber-attack simulation
- Explore advanced penetration testing tools and techniques

**Book Description**

Red Teaming is used to enhance security by performing simulated attacks on an organization in order to detect network and system vulnerabilities. Hands-On Red Team Tactics starts with an overview of pentesting and Red Teaming, before giving you an introduction to few of the latest pentesting tools. We will then move on to exploring Metasploit and getting to grips with Armitage. Once you have studied the fundamentals, you will learn how to use Cobalt Strike and how to set up its team server. The book introduces some common lesser known techniques for pivoting and how to pivot over SSH, before using Cobalt Strike to pivot. This comprehensive guide demonstrates advanced methods of post-exploitation using Cobalt Strike and introduces you to Command and Control (C2) servers and redirectors. All this will help you achieve persistence using beacons and data exfiltration, and will also give you the chance to run through the methodology to use Red Team activity tools such as Empire during a Red Team activity on Active Directory and Domain Controller. In addition to this, you will explore maintaining persistent access, staying untraceable, and getting reverse connections over different C2 covert channels. By the end of this book, you will have learned about advanced penetration testing tools, techniques to get reverse shells over encrypted channels, and processes for post-exploitation. What you will learn

- Get started with red team engagements using lesser-known methods
- Explore intermediate and advanced levels of post-exploitation techniques
- Get acquainted with all the tools and frameworks included in the Metasploit framework
- Discover the art of getting stealthy access to systems via Red Teaming
- Understand the concept of redirectors to add further anonymity to your C2
- Get to grips with different uncommon techniques for data exfiltration

Who this book is for

Hands-On Red Team Tactics is for you if you are an IT professional, pentester, security consultant, or ethical hacker interested in the IT security domain and wants to go beyond Penetration Testing. Prior knowledge of penetration testing is beneficial.

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