

entra id workbooks

entra id workbooks are essential tools designed to facilitate the understanding and implementation of identity and access management solutions in various organizations. These workbooks provide structured guidance, activities, and best practices that help users navigate the complexities of identity management systems. This article will delve into the purpose of Entra ID workbooks, their key components, how to effectively use them, and the benefits they offer to businesses aiming to enhance their security frameworks. Additionally, we will provide insights into common questions surrounding these workbooks, ensuring that readers gain a comprehensive understanding of their significance in the realm of identity management.

- Understanding Entra ID Workbooks
- Key Components of Entra ID Workbooks
- How to Use Entra ID Workbooks Effectively
- Benefits of Entra ID Workbooks
- Common Questions About Entra ID Workbooks

Understanding Entra ID Workbooks

Entra ID workbooks serve as a vital resource for organizations implementing identity and access management solutions. These workbooks encompass a collection of templates, guidelines, and practical exercises that help teams better understand and deploy Entra ID functionalities. By breaking down complex concepts into manageable sections, workbooks allow users to learn at their own pace while applying theoretical knowledge to real-world scenarios.

Organizations increasingly recognize the importance of securing sensitive data and managing user identities effectively. Entra ID workbooks aid in this pursuit by providing comprehensive frameworks that facilitate the establishment of secure access protocols. Understanding the nuances of these workbooks is crucial for IT professionals, security teams, and organizational leaders who are responsible for overseeing identity management systems.

Key Components of Entra ID Workbooks

To fully grasp the functionality of Entra ID workbooks, it is essential to examine their key components. These elements are designed to guide users through various processes involved in identity management.

Templates and Frameworks

Entra ID workbooks often include templates that provide a structured approach to identity management tasks. These templates may cover areas such as:

- User Provisioning and Deprovisioning
- Role-Based Access Control (RBAC)
- Multi-Factor Authentication (MFA) Setup
- Audit and Compliance Checks

By utilizing these templates, organizations can streamline their processes and ensure consistency in implementing identity management practices.

Guidelines and Best Practices

In addition to templates, Entra ID workbooks provide detailed guidelines on best practices. These guidelines help organizations align their identity management strategies with industry standards and regulatory requirements. They may include:

- Recommendations for Identity Governance
- Strategies for Risk Assessment
- Data Privacy and Protection Protocols
- Incident Response Planning

Following these best practices is essential for minimizing security vulnerabilities and ensuring compliance with relevant laws and regulations.

How to Use Entra ID Workbooks Effectively

To maximize the benefits of Entra ID workbooks, organizations must approach their use strategically. Here are some steps to effectively utilize these workbooks:

Assess Your Organization's Needs

Before diving into the workbooks, it is critical to assess your organization's specific identity management needs. This involves identifying current challenges, existing resources, and the desired outcomes of implementing Entra ID solutions. Once these factors are clarified, teams can focus on the most relevant sections of the workbooks.

Engage Team Members

Involving key stakeholders from various departments—such as IT, compliance, and security—is crucial for successful implementation. Conduct workshops or training sessions using the workbooks to ensure that all team members understand their roles and responsibilities in the identity management process. This collaborative approach fosters a culture of security awareness within the organization.

Monitor Progress and Adapt

As teams work through the Entra ID workbooks, it is important to monitor their progress and adapt strategies as necessary. Regular check-ins can help identify areas where additional focus is needed and ensure that the organization stays on track to meet its identity management goals.

Benefits of Entra ID Workbooks

Adopting Entra ID workbooks offers numerous advantages for organizations striving to improve their identity management systems. Below are some key benefits:

Enhanced Security Posture

By following the structured guidance provided in the workbooks, organizations can significantly enhance their security posture. Implementing robust identity and access management practices reduces the risk of unauthorized access and potential data breaches.

Increased Efficiency

Entra ID workbooks streamline identity management processes, enabling teams to work more efficiently. By utilizing templates and best practices, organizations can save time and resources while ensuring compliance with industry standards.

Improved Collaboration

The collaborative nature of using workbooks fosters better communication and teamwork among different departments. This synergy is essential for creating a cohesive identity management strategy that addresses the needs and concerns of various stakeholders.

Common Questions About Entra ID Workbooks

Q: What are Entra ID workbooks used for?

A: Entra ID workbooks are used to provide structured guidance, templates, and best practices for implementing and managing identity and access management solutions within organizations.

Q: Who should use Entra ID workbooks?

A: Entra ID workbooks are beneficial for IT professionals, security teams, compliance officers, and organizational leaders responsible for identity management.

Q: How do I get started with Entra ID workbooks?

A: To get started, assess your organization's identity management needs, engage team members in the process, and begin utilizing the templates and guidelines provided in the workbooks.

Q: Are Entra ID workbooks compliant with industry standards?

A: Yes, Entra ID workbooks are designed to align with industry standards and regulations, providing organizations with best practices to ensure compliance.

Q: Can Entra ID workbooks help with incident response planning?

A: Absolutely. Entra ID workbooks often include guidelines for incident response planning, which is essential for effectively managing security incidents related to identity and access management.

Q: How can I ensure my team is utilizing the workbooks effectively?

A: Regularly monitor your team's progress, hold workshops for training and engagement, and encourage collaboration to ensure that the workbooks are being used effectively.

Q: What are the long-term benefits of using Entra ID workbooks?

A: Long-term benefits include a more secure organizational environment, improved efficiency in identity management processes, and a culture of collaboration and security awareness among team members.

Q: Do Entra ID workbooks provide templates for specific compliance frameworks?

A: Yes, many Entra ID workbooks include templates and guidelines tailored to specific compliance frameworks, helping organizations meet their regulatory obligations effectively.

Q: How often should organizations update their use of Entra ID workbooks?

A: Organizations should periodically review and update their use of Entra ID workbooks to align with evolving industry standards, compliance requirements, and organizational needs.

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entra id workbooks: Microsoft Identity and Access Administrator SC-300 Exam Guide

Aaron Guilmette, James Hardiman, Doug Haven, Dwayne Natwick, 2025-03-28 Master identity solutions and strategies and prepare to achieve Microsoft Identity and Access Administrator SC-300 certification Purchase of this book unlocks access to web-based exam prep resources such as mock exams, flashcards, and exam tips Key Features Gain invaluable insights into SC-300 certification content from industry experts Strengthen your foundations and master all crucial concepts required for exam success Rigorous mock exams reflect the real exam environment, boosting your confidence and readiness Purchase of this book unlocks access to web-based exam prep resources including mock exams, flashcards, exam tips Book Description SC-300 exam content has undergone significant changes, and this second edition aligns with the revised exam objectives. This updated edition gives you access to online exam prep resources such as chapter-wise practice questions, mock exams, interactive flashcards, and expert exam tips, providing you with all the tools you need for thorough exam preparation. You'll get to grips with the creation, configuration, and management of Microsoft Entra identities, as well as understand the planning, implementation, and management of Microsoft Entra user authentication processes. You'll learn to deploy and use new Global Secure Access features, design cloud application strategies, and manage application access and policies by using Microsoft Cloud App Security. You'll also gain experience in configuring Privileged Identity Management for users and guests, working with the Permissions Creep Index, and mitigating associated risks. By the end of this book, you'll have mastered the skills essential for securing Microsoft environments and be able to pass the SC-300 exam on your first attempt. What you will learn Implement an identity management solution using Microsoft Entra ID Manage identity with MFA, conditional access and identity protection Design, implement, and monitor the integration single sign-on (SSO) Deploy the new Global Secure Access features Add apps to your identity and access solution with app registration Design and implement identity governance for your identity solution Who this book is for This book is for cloud security engineers, Microsoft 365 administrators, Microsoft 365 users, Microsoft 365 identity administrators, and anyone who wants to learn identity and access management and gain SC-300 certification. A basic understanding of the fundamental services within Microsoft 365 and Azure Active Directory is needed before getting started with this book.

entra id workbooks: Microsoft Security Operations Analyst Associate (SC-200)

Certification Guide Aditya Katira, 2025-06-12 TAGLINE Detect, Investigate, and Respond to Threats with Microsoft tools KEY FEATURES ● In-depth coverage of Microsoft SC 200 Certification to secure identities, endpoints, and cloud workloads across hybrid environments. ● Hands-on guidance with KQL, threat hunting, and automation to simulate real-world security operations. ● Exclusive insights on AI-powered security using Microsoft Copilot and emerging trends shaping the future of SOC operations. DESCRIPTION The Microsoft Security Operations Analyst certification (SC-200) is a vital credential for anyone aiming to excel in modern cybersecurity roles. The Microsoft Security Operations Analyst Associate (SC-200) Certification Guide is your companion for mastering the skills and tools needed to pass the exam and thrive as a Security Operations Analyst in Microsoft environments. Through in-depth coverage of Microsoft Sentinel, Microsoft Defender for Cloud, and Microsoft 365 Defender, you'll learn to detect, investigate, and respond to threats across hybrid and cloud infrastructures. With a focus on real-world use cases, this book walks you through

key concepts such as threat mitigation, incident response, and security monitoring—all aligned with the latest SC-200 objectives. You'll gain hands-on experience configuring Microsoft's security tools, writing queries using Kusto Query Language (KQL), creating custom detection rules, and automating responses for streamlined SOC operations. Each chapter builds your expertise through practical examples and exercises, helping bridge the gap between certification prep and operational readiness. Whether you're looking to boost your cybersecurity career or strengthen your organization's defenses, this guide provides the knowledge and exam confidence you need. Take the next step to become a Microsoft Security Operations Analyst expert.

WHAT WILL YOU LEARN

- Configure and operationalize Microsoft Defender for Identity, Endpoint, and Cloud to protect users and resources.
- Leverage Microsoft Copilot for Security to enhance investigation and response using generative AI capabilities.
- Implement Data Loss Prevention (DLP), Insider Risk Management, and eDiscovery for robust information protection.
- Use Kusto Query Language (KQL) to analyze logs, hunt threats, and develop custom queries.
- Enhance security visibility through effective use of data connectors and threat intelligence feeds in Microsoft Sentinel.
- Automate detection and response workflows using Sentinel's playbooks, analytics rules, and notebooks for advanced threat management.

WHO IS THIS BOOK FOR? This book is ideal for security analysts, system administrators, and IT professionals preparing for the SC-200: Microsoft Security Operations Analyst certification. It is also valuable for those looking to deepen their expertise in Microsoft security solutions. A working knowledge of Microsoft Azure, Microsoft 365, and core cybersecurity concepts is recommended to get the most from this guide.

TABLE OF CONTENTS

1. Microsoft Defender Identity Endpoint Cloud and More
2. Microsoft Copilot for Security with AI Assistance
3. Mastering Data Protection with Data Loss Prevention, Insider Risk, and Content Search
4. Securing Endpoint Deployment Management and Investigation
5. Managing Security Posture Across Platforms
6. KQL Mastery for Querying Analyzing and Working with Security Data
7. Optimizing Security Operations with Log Management Watchlists and Threat Intelligence
8. Expanding Security Visibility with Data Connectors in Microsoft Sentinel
9. Tactical Threat Management with Detection Automation and Response
10. Decoding Threat Hunting by Leveraging Search Jobs and Notebooks
11. Future Trends in Security Operations

Index

entra id workbooks: Ultimate Microsoft XDR for Full Spectrum Cyber Defence: Design, Deploy, and Operate Microsoft XDR for Unified Threat Detection, Hunting, and Automated Response across Identities, Endpoints, and Cloud Ian David, 2025-09-11 Unify Your Cyber Defense, Hunt Smarter and Respond Faster with Microsoft XDR! Key Features

- Learn every component of the Defender suite, Entra ID, and Microsoft Sentinel, from fundamentals to advanced automation.
- Build real-world detections, hunt threats, and automate response with guided labs and step-by-step workflows.
- Master KQL query design, cross-platform signal correlation, and threat-informed defense strategies.
- Design, deploy, and manage a mature, unified XDR strategy for organizations of any size.

Book Description Extended Detection and Response (XDR) is essential for unifying security signals, accelerating investigations, and stopping attacks, before they spread. This book, *Ultimate Microsoft XDR for Full Spectrum Cyber Defence* shows you how to harness Microsoft's powerful XDR stack to protect identities, endpoints, cloud workloads, and collaboration platforms. You will progress from mastering the core Defender products and Entra ID security features to unlocking Microsoft Sentinel's SIEM and SOAR capabilities. Along the way, you will also build high-fidelity detections with KQL, automate responses with playbooks, and apply Zero Trust principles to secure modern, hybrid environments. Each chapter combines real-world scenarios with step-by-step guidance, so that you can confidently operationalize Microsoft XDR in your own organization. Hence, whether you are a security analyst, architect, SOC leader, or MSSP team, this guide equips you to design, deploy, and scale a unified detection and response strategy—reducing complexity, improving visibility, and neutralizing threats at machine speed. Thus, build a security operation that is proactive, resilient, and Microsoft-native. What you will learn

- Design and deploy Microsoft XDR across cloud and hybrid environments.
- Detects threats, using Defender tools and cross-platform signal correlation.
- Write optimized KQL queries for threat hunting and cost

control.● Automate incident response, using Sentinel SOAR playbooks and Logic Apps.● Secure identities, endpoints, and SaaS apps with Zero Trust principles.● Operationalize your SOC with real-world Microsoft security use cases.

entra id workbooks: Ultimate Microsoft Intune for Administrators: Master Enterprise Endpoint Security and Manage Devices, Apps, and Cloud Security with Expert Microsoft Intune Strategies Paul Winstanley, David Brook, 2025-03-25 Practical Tips and Real-World Solutions for Administering Microsoft Intune. Key Features● Acquire hands-on expertise in device enrollment and management.● Develop robust security and compliance strategies with Intune.● Gain insights into application deployment, monitoring, and reporting. Book DescriptionUltimate Microsoft Intune for Administrators is the resource for mastering Microsoft Intune and its full suite of features. No matter what device platform you manage, whether configuring security settings or optimizing the end-user experience, this comprehensive guide has it all. Explore the comprehensive range of Microsoft Intune's capabilities with practical examples and hands-on strategies. From initial configuration to advanced implementations, this book provides the tools to accelerate your Intune deployment and ensure successful device management. This book delves deep into key topics such as enrollment methods, device configuration profiles, endpoint security, and compliance management. Each section is designed to give you a clear, actionable understanding, enabling you to navigate challenges and make informed decisions with confidence. By the end of this book, you will have a firm, real-world understanding of Microsoft Intune and the expertise to implement, configure, and deploy effectively within your organization. Whether refining your current setup or starting from scratch, you will be ready to take your Intune skills to the next level. What you will learn● Enroll and manage devices across Windows, macOS, iOS, and Android.● Apply security, compliance, and management policies to devices and users.● Provision, configure, and manage Windows-based Cloud PCs efficiently.● Deploy, update, and manage applications across multiple device platforms.● Monitor device health and generate insightful reports in Intune.● Implement effective certificate management for secure authentication.● Leverage Microsoft Intune Suite for advanced endpoint management.

entra id workbooks: Mastering Azure Security Arnav Sharma, 2025-09-30 DESCRIPTION The adoption of the Cloud brings many security challenges. Securing identities, data, and workloads while trying to stay on the right side of compliance regulations has become a priority for organizations. Mastering Azure Security is your essential handbook for defending applications and data against a complex threat landscape. Starting with the fundamentals, this book guides you through Azure security from the ground up. You will begin with core concepts like the shared responsibility model and Zero Trust, then apply these to secure key service layers, such as identity and access with Entra ID, networks with NSGs and Azure Firewall, compute for VMs and containers, and data with encryption and access controls. Furthermore, you will look at security governance, learning to manage your environment at scale using Azure Policy and Azure Landing Zones. Finally, you will learn about posture management with Microsoft Defender for Cloud and detect threats using Microsoft Sentinel. By the end of this book, readers will gain an understanding of Azure security and develop the practical skills required to design, implement, and maintain a secure and compliant cloud infrastructure. Whether you are trying to nail down compliance, make systems more resilient, or know how to handle the latest threats, this book will give you the skills to make it happen. WHAT YOU WILL LEARN ● Secure Azure compute and virtual networks with policies and controls. ● Implement data encryption, masking, and auditing in Azure. ● Protect workloads with Microsoft Defender for Cloud services. ● Apply Zero Trust principles to users and applications. ● Govern resources with Azure Policy, CAF, and WAF. ● Manage secrets and keys using Azure Key Vault. ● Strengthen security posture with monitoring and automation. WHO THIS BOOK IS FOR This book is for cloud engineers, IT professionals, security architects, consultants, and risk managers who work with Microsoft Azure. It is equally useful for administrators, security teams, and learners aiming to master practical Azure security. Whether you focus on compliance, Zero Trust, or workload protection, this book offers hands-on strategies to build and maintain secure Azure

environments. TABLE OF CONTENTS 1. Introduction to Azure Security 2. Securing Identity and Access 3. Securing Networks 4. Securing Compute 5. Securing Data 6. Security Governance 7. Security Posture 8. Workload Protection 9. Security Monitoring 10. Security Best Practices

entra id workbooks: Mastering Microsoft Fabric Debananda Ghosh, 2024-02-21 Learn and explore the capabilities of Microsoft Fabric, the latest evolution in cloud analytics suites. This book will help you understand how users can leverage Microsoft Office equivalent experience for performing data management and advanced analytics activity. The book starts with an overview of the analytics evolution from on premises to cloud infrastructure as a service (IaaS), platform as a service (PaaS), and now software as a service (SaaS version) and provides an introduction to Microsoft Fabric. You will learn how to provision Microsoft Fabric in your tenant along with the key capabilities of SaaS analytics products and the advantage of using Fabric in the enterprise analytics platform. OneLake and Lakehouse for data engineering is discussed as well as OneLake for data science. Author Ghosh teaches you about data warehouse offerings inside Microsoft Fabric and the new data integration experience which brings Azure Data Factory and Power Query Editor of Power BI together in a single platform. Also demonstrated is Real-Time Analytics in Fabric, including capabilities such as Kusto query and database. You will understand how the new event stream feature integrates with OneLake and other computations. You also will know how to configure the real-time alert capability in a zero code manner and go through the Power BI experience in the Fabric workspace. Fabric pricing and its licensing is also covered. After reading this book, you will understand the capabilities of Microsoft Fabric and its Integration with current and upcoming Azure OpenAI capabilities. What You Will Learn Build OneLake for all data like OneDrive for Microsoft Office Leverage shortcuts for cross-cloud data virtualization in Azure and AWS Understand upcoming OpenAI integration Discover new event streaming and Kusto query inside Fabric real-time analytics Utilize seamless tooling for machine learning and data science Who This Book Is For Citizen users and experts in the data engineering and data science fields, along with chief AI officers

entra id workbooks: Windows System Center 2022 Dujon Walsham, 2024-11-19 DESCRIPTION This book will cover the entire System Center at the latest release of 2022. Here, we will cover various grounds by not only covering the purpose of each product within the System Center suite but also introducing all the latest features and updates that come with each product. Windows System Center 2022 is a complete toolkit for simplifying and automating IT operations. This guide covers deploying, configuring, and managing essential System Center components, including Configuration Manager, Operations Manager, Service Manager, and more. Key topics include software deployment, patching, system monitoring, alerting, and virtual machine and data protection. The book also explores integration with Azure and Intune and provides best practices for managing hybrid cloud environments. By using System Center, organizations can boost IT efficiency, cut costs, and improve service delivery across IT functions. By the end of this book, you will have the skills to implement, configure, and manage System Center for a streamlined, secure, and automated IT environment. Confidently deploy software, monitor infrastructure, manage services, automate tasks, and protect data—key skills for mastering IT infrastructure. KEY FEATURES ● Full coverage of System Center 2022 features and components, ensuring complete understanding. ● Step-by-step guidance on deployment, configuration, and management for easy application. ● Real-world examples and best practices to enhance IT operations and efficiency. WHAT YOU WILL LEARN ● Set up, configure, and manage System Center 2022 to streamline IT operations. ● Deploy and manage software, patches, and OS updates using Configuration Manager. ● Monitor infrastructure and troubleshoot issues efficiently with Operations Manager. ● Simplify IT services, including incident and change management, using Service Manager. ● Automate routine tasks and complex workflows with Orchestrator for smoother processes. WHO THIS BOOK IS FOR The target audience for the book is those passionate about System Center regardless of technical level, as well as stakeholders and other business-related role functions that want to understand how these products can enhance and scale their business. TABLE OF CONTENTS 1. Introduction to Microsoft System Center 2. Latest Updates and Features 3. OS and Application Deployment Optimizing of

Configuration Manager 4. Deployment and Administration of Microsoft Configuration Manager 5. Monitoring Infrastructure with System Center Operations Manager 6. Deployment and Administration of System Center Operations Manager 7. Service Reporting and Analytics with System Center Service Manager 8. Deployment and Administration of System Center Service Manager 9. Building Scalable and Resilient Orchestration Environments 10. Deployment and Administration of System Center Orchestrator 11. Virtualization with System Center Virtual Machine Manager 12. Deployment and Administration of System Center VMM 13. Creating and Managing Backups with System Center DPM 14. Deployment and Administration of System Center DPM 15. Standardizing Management and Governance for Hybrid Settings 16. Conclusion and Future Trends

entra id workbooks: Azure Security Bojan Magusic, 2024-01-09 Azure Security is a practical guide to the native security services of Microsoft Azure written for software and security engineers building and securing Azure applications. Readers will learn how to use Azure tools to improve your systems security and get an insider's perspective on establishing a DevSecOps program using the capabilities of Microsoft Defender for Cloud.

entra id workbooks: Microsoft Unified XDR and SIEM Solution Handbook Raghu Boddu, Sami Lamppu, 2024-02-29 A practical guide to deploying, managing, and leveraging the power of Microsoft's unified security solution Key Features Learn how to leverage Microsoft's XDR and SIEM for long-term resilience Explore ways to elevate your security posture using Microsoft Defender tools such as MDI, MDE, MDO, MDA, and MDC Discover strategies for proactive threat hunting and rapid incident response Purchase of the print or Kindle book includes a free PDF eBook Book Description Tired of dealing with fragmented security tools and navigating endless threat escalations? Take charge of your cyber defenses with the power of Microsoft's unified XDR and SIEM solution. This comprehensive guide offers an actionable roadmap to implementing, managing, and leveraging the full potential of the powerful unified XDR + SIEM solution, starting with an overview of Zero Trust principles and the necessity of XDR + SIEM solutions in modern cybersecurity. From understanding concepts like EDR, MDR, and NDR and the benefits of the unified XDR + SIEM solution for SOC modernization to threat scenarios and response, you'll gain real-world insights and strategies for addressing security vulnerabilities. Additionally, the book will show you how to enhance Secure Score, outline implementation strategies and best practices, and emphasize the value of managed XDR and SIEM solutions. That's not all; you'll also find resources for staying updated in the dynamic cybersecurity landscape. By the end of this insightful guide, you'll have a comprehensive understanding of XDR, SIEM, and Microsoft's unified solution to elevate your overall security posture and protect your organization more effectively. What you will learn Optimize your security posture by mastering Microsoft's robust and unified solution Understand the synergy between Microsoft Defender's integrated tools and Sentinel SIEM and SOAR Explore practical use cases and case studies to improve your security posture See how Microsoft's XDR and SIEM proactively disrupt attacks, with examples Implement XDR and SIEM, incorporating assessments and best practices Discover the benefits of managed XDR and SOC services for enhanced protection Who this book is for This comprehensive guide is your key to unlocking the power of Microsoft's unified XDR and SIEM offering. Whether you're a cybersecurity pro, incident responder, SOC analyst, or simply curious about these technologies, this book has you covered. CISOs, IT leaders, and security professionals will gain actionable insights to evaluate and optimize their security architecture with Microsoft's integrated solution. This book will also assist modernization-minded organizations to maximize existing licenses for a more robust security posture.

entra id workbooks: **Mastering Microsoft 365 Security Technologies** Pramiti Bhatnagar, 2025-05-28 DESCRIPTION Microsoft security technologies provide a robust, integrated defense against evolving cyber threats, spanning identity, endpoints, applications, and data across hybrid environments. It offers a unified and intelligent defense across an organization's digital landscape. This book will introduce readers to Microsoft security solutions. It covers Microsoft Defender, Microsoft Entra ID, and Microsoft Purview. Readers will learn how they can protect their

organization across different attack vectors such as email, identity, data, endpoints, and applications. It discusses how to protect the user identities using Microsoft Entra ID, protect devices and applications using Microsoft Defender and Microsoft Sentinel, and protect organization data using Microsoft Purview. With a focus on real-world scenarios, hands-on labs, and expert guidance, cybersecurity professionals will gain a deep understanding of Microsoft security solutions and how to use them to protect their organizations from bad actors. By the end of this book, you will possess the practical knowledge and skills to design, implement, and manage a strong security posture across your organization's Microsoft infrastructure, confidently protecting identities, data, and applications from modern cyberattacks.

WHAT YOU WILL LEARN

- Data security and governance using Microsoft Purview information protection and DLP.
- Protecting devices, identities, M365, and non-M365 applications using Microsoft Defender.
- Microsoft's Zero Trust Network Access solution – secure services edge.
- Manage Entra ID users, groups, RBAC, Admin Units, Protected Actions effectively.
- Managing regulatory compliance and privacy.

WHO THIS BOOK IS FOR This book is ideal for IT professionals and administrators seeking careers in security administration using Microsoft security technologies. Readers need foundational cloud computing knowledge (IaaS, PaaS, SaaS), basic M365 cloud and Azure familiarity, plus awareness of Zero Trust, identity and access, and platform protection.

TABLE OF CONTENTS

1. Introduction to Microsoft Entra
2. Implementing Identity
3. Identity Management
4. Identity Protection
5. Identity Governance
6. Microsoft Defender XDR
7. Protecting Identities
8. Protecting Endpoints
9. Protecting M365 Apps
10. Protecting Non-Microsoft Cloud Apps
11. Security Management Using Microsoft Sentinel
12. Protect and Govern Sensitive Data
13. Managing Insider Risks
14. Managing eDiscovery Cases
15. Managing Regulatory Compliance
16. Managing Privacy
17. Best Practices

entra id workbooks: *DevSecOps for Azure* David Okeyode, Joylynn Kirui, 2024-08-28 Gain holistic insights and practical expertise in embedding security within the DevOps pipeline, specifically tailored for Azure cloud environments

Key Features

- Learn how to integrate security into Azure DevOps workflows for cloud infrastructure
- Find out how to integrate secure practices across all phases of the Azure DevOps workflow, from planning to monitoring
- Harden the entire DevOps workflow, from planning and coding to source control, CI, and cloud workload deployment

Purchase of the print or Kindle book includes a free PDF eBook

Book Description

Businesses must prioritize security, especially when working in the constantly evolving Azure cloud. However, many organizations struggle to maintain security and compliance. Attackers are increasingly targeting software development processes, making software supply chain security crucial. This includes source control systems, build systems, CI/CD platforms, and various artifacts. With the help of this book, you'll be able to enhance security and compliance in Azure software development processes. Starting with an overview of DevOps and its relationship with Agile methodologies and cloud computing, you'll gain a solid foundation in DevSecOps principles. The book then delves into the security challenges specific to DevOps workflows and how to address them effectively. You'll learn how to implement security measures in the planning phase, including threat modeling and secure coding practices. You'll also explore pre-commit security controls, source control security, and the integration of various security tools in the build and test phases. The book covers crucial aspects of securing the release and deploy phases, focusing on artifact integrity, infrastructure as code security, and runtime protection. By the end of this book, you'll have the knowledge and skills to implement a secure code-to-cloud process for the Azure cloud.

What you will learn

- Understand the relationship between Agile, DevOps, and the cloud
- Secure the use of containers in a CI/CD workflow
- Implement a continuous and automated threat modeling process
- Secure development toolchains such as GitHub Codespaces, Microsoft Dev Box, and GitHub
- Integrate continuous security throughout the code development workflow, pre-source and post-source control contribution
- Integrate SCA, SAST, and secret scanning into the build process to ensure code safety
- Implement security in release and deploy phases for artifact and environment compliance

Who this book is for

This book is for security professionals and developers transitioning to a public cloud environment or moving towards a DevSecOps paradigm. It's also designed for DevOps engineers, or anyone looking

to master the implementation of DevSecOps in a practical manner. Individuals who want to understand how to integrate security checks, testing, and other controls into Azure cloud continuous delivery pipelines will also find this book invaluable. Prior knowledge of DevOps principles and practices, as well as an understanding of security fundamentals will be beneficial.

entra id workbooks: *The Definitive Guide to KQL* Mark Morowczynski, Rod Trent, Matthew Zorich, 2024-05-16 Turn the avalanche of raw data from Azure Data Explorer, Azure Monitor, Microsoft Sentinel, and other Microsoft data platforms into actionable intelligence with KQL (Kusto Query Language). Experts in information security and analysis guide you through what it takes to automate your approach to risk assessment and remediation, speeding up detection time while reducing manual work using KQL. This accessible and practical guide—designed for a broad range of people with varying experience in KQL—will quickly make KQL second nature for information security. Solve real problems with Kusto Query Language— and build your competitive advantage: Learn the fundamentals of KQL—what it is and where it is used Examine the anatomy of a KQL query Understand why data summation and aggregation is important See examples of data summation, including count, countif, and dcount Learn the benefits of moving from raw data ingestion to a more automated approach for security operations Unlock how to write efficient and effective queries Work with advanced KQL operators, advanced data strings, and multivalued strings Explore KQL for day-to-day admin tasks, performance, and troubleshooting Use KQL across Azure, including app services and function apps Delve into defending and threat hunting using KQL Recognize indicators of compromise and anomaly detection Learn to access and contribute to hunting queries via GitHub and workbooks via Microsoft Entra ID

entra id workbooks: [Workbook 1](#) , 1990

entra id workbooks: *IMSE's Intermediate Orton-Gillingham Encoding Student Workbook* Institute for Multi-Sensory Education, 2019-10

entra id workbooks: [PassKey Learning Systems EA Review Part 3 Workbook](#) Joel Busch, Christy Pinheiro, Thomas A. Gorczynski, 2020-03-09 The PassKey Learning Systems Workbook for Part 3, Representation, features three complete Enrolled Agent practice exams, with detailed answers, to accompany the PassKey study guide for Representation. The three hundred targeted test questions have been created specifically for the EA exam cycle that runs from May 1, 2020, to February 28, 2021. This year's edition includes the sweeping, last-minute tax law changes of the Consolidated Appropriations Act of 2020, which was signed into law on December 20, 2019, as well as the tax law changes implemented by the Taxpayer First Act of 2019, which was signed into law on July 1, 2019. Using this workbook, you can challenge yourself by taking three full practice exams for the Representation section of the EA exam. The test questions are different from the ones in the PassKey study guides so you can experience a more true-to-life exam experience. All of the answers are clearly explained in the answer section. If you answer a question incorrectly, you will understand why it was incorrect and learn the concepts needed to pass the EA exam. The PassKey EA Review workbooks have been rigorously vetted for accuracy by experts in the tax profession. Test yourself, time yourself, and learn!

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