Modern Authentication With Azure Active Directory For Web Applications Developer Reference Paperback

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~~Authentication fundamentals: The basics | Azure Active Directory~~ How to use Microsoft Identity (Azure AD) to Authenticate Your Users **Azure AD - #5 - Azure AD Authentication** ~~How to integrate applications with Azure Active Directory~~

OAuth \u0026 OpenID Connect – Modern Authentication with Azure AD B2C - Montel Edwards**Authentication fundamentals: Native client applications- Part 1 | Azure Active Directory How**

to upgrade your security with Azure Multi-Factor Authentication How to choose the right authentication option in Azure Active Directory *Authentication fundamentals: Web applications | Azure Active Directory* Implementing Multi-factor Authentication with Azure AD and Conditional Access Passwordless authentication with Azure Active Directory A Deep Dive into Azure AD s Modern Authentication Protocols **Azure AD App Registration in Plain English (Exam Prep FAQs) Azure Active Directory Tutorial | How to set up MFA for guest users OAuth 2.0: An Overview** Active Directory, Azure Active Directory and Azure AD Domain Services Explained The Top 3 Most Common Microsoft Azure AD Conditional Access Policies How to Authenticate an Azure AD, Configure Azure Web App to Use Azure Active Directory Spring security using OAuth2 with Microsoft AzureAD Protect WebAPI with Azure AD Authentication Azure Active Directory - Identity Model Azure AD - #1 - Overview Identity Architecture: Legacy authentication | Azure Active Directory *Moving legacy authentication to the cloud | Azure Active Directory* What is Azure Active Directory B2C? | Azure Active Directory

Authentication fundamentals: Federation | Azure Active Directory The basics of modern authentication - Microsoft identity platform *Azure AD Conditional Access Deep Dive - Joe Kaplan Azure AD Understanding Tokens Demo: Azure AD Authentication for Azure SQL | Azure SQL for beginners (Ep. 25)* Modern Authentication With Azure Active

Buy Modern Authentication with Azure Active Directory for Web Applications (Developer Reference) Professional by Bertocci, Vittorio (ISBN: 9780735696945) from Amazon's Book Store. Everyday low prices and free delivery on eligible orders.

Modern Authentication with Azure Active Directory for Web ...
What is Azure Active Directory authentication? Improve the end-

user experience. Azure AD helps to protect a user's identity and simplify their sign-in experience. Self-service password reset. Self-service password reset gives users the ability to change or reset their password, with... Azure ...

Azure Active Directory authentication overview | Microsoft ...
As part of the sign-in experience for accounts in Azure Active Directory (Azure AD), there are different ways that a user can authenticate themselves. A username and password is the most common way a user would historically provide credentials. With modern authentication and security features in Azure AD, that basic password should be supplemented or replaced with more secure authentication methods.

Authentication methods and features - Azure Active ...
Build advanced authentication solutions for any cloud or web environment Active Directory has been transformed to reflect the cloud revolution, modern protocols, and today's newest SaaS paradigms. This is an authoritative, deep-dive guide to building Active Directory authentication solutions for these new environments.

Modern Authentication with Azure Active Directory for Web ...
Modern Authentication with Azure based on new Microsoft technologies. Active Directory for Web Applications Build advanced authentication solutions for any cloud or web environment Active Directory has been transformed to reflect the cloud revolu-tion, modern protocols, and today's newest SaaS paradigms. This

Modern Authentication with Azure Active Directory for Web ...
Perform these actions in a web browser: Navigate to https://admin.microsoft.com/. Sign on with an account in your tenant that has the Global administrator role assigned to it. Perform

multi-factor... In the left navigation bar, click Settings. The Settings menu unfolds beneath it. Click Settings in ...

TODO: Enable Modern Authentication - The things that are ...
Azure Active Directory is a cloud solution for identity and access management that gives us a set of capabilities and features to manage users, groups and other identity objects. It helps secure access to on-premises and cloud applications, including Microsoft Cloud services, and much non-Microsoft software as a service application.

Configure Azure AD Seamless SSO (Modern Authentication)
Enable Modern authentication for your Exchange. Go to Microsoft 365 admin center. Microsoft 365 admin center. go to settings —-then settings —— services search for —-modern authentication. then enable. note: don't enable it till you review the prerequisites. Outlook 2013 with modern Authentication

Enabling modern authentication and MFA – Microsoft System ...
Re: Questions on enabling Modern Authentication. Enabling Modern auth does nothing with respect to other auth methods, so all clients will continue to work as before. The only difference being that any client capable of (and using) MA will show the new auth UI, or log in the user automatically, depending on the configuration of the tenant/apps.

Questions on enabling Modern Authentication. - Microsoft ...
Microsoft Identity Platform allows you to authenticate users using a broad set of identities, such as Azure Active Directory (AAD) identities, Microsoft accounts, as well as third-party identities and social accounts using Azure AD B2C.

Adding Authentication to Your App Easily with Azure AD ...
All the scenarios for on-premises servers involve setting up modern

authentication on-premises (in fact, for Skype for Business there is a list of supported topologies) so that the server responsible for authentication and authorization is in the Microsoft Cloud (Azure AD's security token service, called 'evoSTS'), and updating Azure AD about the URLs or namespaces used by your on-premises ...

Hybrid Modern Authentication overview and prerequisites ...
To give your users easy access to your cloud apps, Azure Active Directory (Azure AD) supports a broad variety of authentication protocols including legacy authentication. Legacy authentication is a term that refers to an authentication request made by: ... Modern authentication is a method of identity management that offers more secure user ...

Blocking legacy authentication protocols in Azure AD ...
Active Directory has been transformed to reflect the cloud revolution, modern protocols, and today's newest SaaS paradigms. This is an authoritative, deep-dive guide to building Active Directory authentication solutions for these new environments. Author Vittorio Bertocci drove these technologies from

Modern Authentication with Azure Active Directory for Web ...
Enabling Modern Authentication for Office Enabling Modern Authentication. Office applications previous to 2013 aren’t capable of modern authentication, but if... Desktop Configuration. Note that this article lists required registry configuration to enable modern authentication for... Single Sign-on ...

Enabling Modern Authentication for Office | stealthpuppy
Modern Authentication with Azure Active Directory for Web Applications. Explore a preview version of Modern Authentication with Azure Active Directory for Web Applications right now. O’Reilly members get unlimited access to live online training experiences, plus books, videos, and digital content from 200+

publishers.

Modern Authentication with Azure Active Directory for Web ...
In a hybrid modern authentication model, Azure Active Directory becomes the centralized authentication server for on-premises Exchange and Skype for Business resources. Hybrid Modern Authentication enables Exchange to consume OAuth access tokens issued by Azure AD.

Hybrid Modern Authentication – What is it? How can your ...
Modern Authentication with Azure Active Directory for Web Applications is an in-depth exploration of modern authentication protocols and techniques used to implement sign-on for web applications and to protect web API calls.

One year since “Modern Authentication with Azure Active ...
If you look at you user sign ins over the last 30 days in the Azure portal you can filter by access using legacy auth clients. If you disable legacy auth, access won't be granted to anything using those clients, i.e native Android mail client to access Exchange Online will stop.

Build advanced authentication solutions for any cloud or web environment Active Directory has been transformed to reflect the cloud revolution, modern protocols, and today’s newest SaaS paradigms. This is an authoritative, deep-dive guide to building Active Directory authentication solutions for these new environments. Author Vittorio Bertocci drove these technologies from initial concept to general availability, playing key roles in everything from technical design to documentation. In this book, he delivers comprehensive guidance for building complete solutions. For each app type, Bertocci presents high-level scenarios and quick

implementation steps, illuminates key concepts in greater depth, and helps you refine your solution to improve performance and reliability. He helps you make sense of highly abstract architectural diagrams and nitty-gritty protocol and implementation details. This is the book for people motivated to become experts. Active Directory Program Manager Vittorio Bertocci shows you how to: Address authentication challenges in the cloud or on-premises Systematically protect apps with Azure AD and AD Federation Services Power sign-in flows with OpenID Connect, Azure AD, and AD libraries Make the most of OpenID Connect's middleware and supporting classes Work with the Azure AD representation of apps and their relationships Provide fine-grained app access control via roles, groups, and permissions Consume and expose Web APIs protected by Azure AD Understand new authentication protocols without reading complex spec documents

Active Directory has been thoroughly transformed to reflect the industry's breakneck shift to the cloud, modern authentication/authorization protocols such as OAuth2 and OpenId Connect, and new today's new mobile, SaaS, and single-page application paradigms. Now, there's an authoritative, start-to-finish guide to building Active Directory authentication solutions for these radically new environments. Author Vittorio Bertocci is the Microsoft Program Manager responsible for implementing these new technologies. Bertocci drove them from initial concept to general availability, played a key role in their technical design, and wrote many of their samples and much of their documentation. Nobody is more qualified to write this book. In Modern Authentication with Active Directory, he delivers comprehensive guidance for building complete solutions. Balancing theory with concrete code-level guidance, he paints a complete picture -- placing individual tasks in context, explaining how disparate tasks fit together, helping you choose and design your solution, and demonstrating how to implement it reliably, safely, and efficiently.

Step by step, you'll gain deep mastery of Active Directory Authentication Library (ADAL) for Windows Store, Windows Phone, .NET, and JavaScript single-page app development; ASP.NET OWIN security components for Web API and OpenId Connect, and much more. You'll also gain deep insight into today's new authentication protocols, eliminating the need to read and interpret abstruse specifications documents. Drawing on his deep technical expertise, Bertocci shows how to go far beyond the basic SDK samples, smoothly handling advanced scenarios and "edge cases." For each major app type, he: Presents a typical high-level scenario Offers quick guidance on how to implement it ("instant gratification") Steps back to explain the theory behind the solution Helps you leverage your new understanding to refine your solution Provides advanced hands-on guidance that builds on what you've learned Modern Authentication with Active Directory brings together all the knowledge you'll need to address any authentication challenge -- in any on-premises, mobile, or cloud environment.

Explore tools for integrating resources and applications with Azure Active Directory for authentication and authorization. This book starts with an introduction to Azure Active Directory (AAD) where you will learn the core concepts necessary to understand AAD and authentication in general. You will then move on to learn OpenID Connect and OAuth along with its flows, followed by a deep dive into the integration of web applications for user-based authentication. Next, you go through user authentication and how to enable the integration of various native applications with AAD. This is followed by an overview of authenticating applications along with a detailed discussion on collaboration with external users and other AD tenants. Moving forward, Developing Applications with Azure Active Directory covers using schemas of AD objects, such as users, to add custom attributes on top of ADD’s predefined attributes. You will see how multi-tenancy can be supported in Azure AD as well as how to design authorization with Azure AD.

After reading this book, you will be able to integrate, design, and develop authentication and authorization techniques in Azure Active Directory. What You Will Learn Integrate applications with Azure AD for authentication Explore various Azure AD authentication scenarios Master core Azure AD concepts Integrate external users and tenants Who is this book for: The book will be useful for architects and developers, planning to use Azure AD for authentication.

Learn the intricacies of managing Azure AD, Azure AD Connect as well as Active Directory for administration on cloud and Windows Server 2019 Key Features Expert solutions for the federation, certificates, security, and monitoring with Active Directory Explore Azure AD and AD Connect for effective administration on cloud Automate security tasks using Active Directory and PowerShell Book Description Active Directory is an administration system for Windows administrators to automate network, security and access management tasks in the Windows infrastructure. This book starts off with a detailed focus on forests, domains, trusts, schemas and partitions. Next, you learn how to manage domain controllers, organizational units and the default containers. Going forward, you deep dive into managing Active Directory sites as well as identifying and solving replication problems. The next set of chapters covers the different components of Active Directory and discusses the management of users, groups and computers. You also go through recipes that help you manage your Active Directory domains, manage user and groups objects and computer accounts, expiring group memberships and group Managed Service Accounts with PowerShell. You learn how to work with Group Policy and how to get the most out of it. The last set of chapters covers federation, security and monitoring. You will also learn about Azure Active Directory and how to integrate on-premises Active Directory with Azure AD. You learn how Azure AD Connect synchronization works, which will help you manage Azure AD. By

the end of the book, you have learned in detail about Active Directory and Azure AD, too. What you will learn Manage new Active Directory features, such as the Recycle Bin, group Managed Service Accounts, and fine-grained password policies Work with Active Directory from the command line and use Windows PowerShell to automate tasks Create and remove forests, domains, and trusts Create groups, modify group scope and type, and manage memberships Delegate control, view and modify permissions Optimize Active Directory and Azure AD in terms of security Who this book is for This book will cater to administrators of existing Active Directory Domain Services environments and/or Azure AD tenants, looking for guidance to optimize their day-to-day effectiveness. Basic networking and Windows Server Operating System knowledge would come in handy.

Start empowering users and protecting corporate data, while managing Identities and Access with Microsoft Azure in different environments About This Book Deep dive into the Microsoft Identity and Access Management as a Service (IDaaS) solution Design, implement and manage simple and complex hybrid identity and access management environments Learn to apply solution architectures directly to your business needs and understand how to identify and manage business drivers during transitions Who This Book Is For This book is for business decision makers, IT consultants, and system and security engineers who wish to plan, design, and implement Identity and Access Management solutions with Microsoft Azure. What You Will Learn Apply technical descriptions and solution architectures directly to your business needs and deployments Identify and manage business drivers and architecture changes to transition between different scenarios Understand and configure all relevant Identity and Access Management key features and concepts Implement simple and complex directory integration, authentication, and authorization scenarios Get to know about modern identity management,

authentication, and authorization protocols and standards
Implement and configure a modern information protection solution
Integrate and configure future improvements in authentication and authorization functionality of Windows 10 and Windows Server 2016 In Detail Microsoft Azure and its Identity and Access Management is at the heart of Microsoft's Software as a Service, including Office 365, Dynamics CRM, and Enterprise Mobility Management. It is an essential tool to master in order to effectively work with the Microsoft Cloud. Through practical, project based learning this book will impart that mastery. Beginning with the basics of features and licenses, this book quickly moves on to the user and group lifecycle required to design roles and administrative units for role-based access control (RBAC). Learn to design Azure AD to be an identity provider and provide flexible and secure access to SaaS applications. Get to grips with how to configure and manage users, groups, roles, and administrative units to provide a user- and group-based application and self-service access including the audit functionality. Next find out how to take advantage of managing common identities with the Microsoft Identity Manager 2016 and build cloud identities with the Azure AD Connect utility. Construct blueprints with different authentication scenarios including multi-factor authentication. Discover how to configure and manage the identity synchronization and federation environment along with multi -factor authentication, conditional access, and information protection scenarios to apply the required security functionality. Finally, get recommendations for planning and implementing a future-oriented and sustainable identity and access management strategy. Style and approach A practical, project-based learning experience explained through hands-on examples.

As systems have become interconnected and more complicated, programmers needed ways to identify parties across multiple computers. One way to do this was for the parties that used

applications on one computer to authenticate to the applications (and/or operating systems) that ran on the other computers. This mechanism is still widely used-for example, when logging on to a great number of Web sites. However, this approach becomes unmanageable when you have many co-operating systems (as is the case, for example, in the enterprise). Therefore, specialized services were invented that would register and authenticate users, and subsequently provide claims about them to interested applications. Some well-known examples are NTLM, Kerberos, Public Key Infrastructure (PKI), and the Security Assertion Markup Language (SAML). Most enterprise applications need some basic user security features. At a minimum, they need to authenticate their users, and many also need to authorize access to certain features so that only privileged users can get to them. Some apps must go further and audit what the user does. On Windows®, these features are built into the operating system and are usually quite easy to integrate into an application. By taking advantage of Windows integrated authentication, you don't have to invent your own authentication protocol or manage a user database. By using access control lists (ACLs), impersonation, and features such as groups, you can implement authorization with very little code. Indeed, this advice applies no matter which OS you are using. It's almost always a better idea to integrate closely with the security features in your OS rather than reinventing those features yourself. But what happens when you want to extend reach to users who don't happen to have Windows accounts? What about users who aren't running Windows at all? More and more applications need this type of reach, which seems to fly in the face of traditional advice. This book gives you enough information to evaluate claims-based identity as a possible option when you're planning a new application or making changes to an existing one. It is intended for any architect, developer, or information technology (IT) professional who designs, builds, or operates Web applications and services that require identity information about their users.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series.

Become a master at managing enterprise identity infrastructure by leveraging Active Directory About This Book Manage your Active Directory services for Windows Server 2016 effectively Automate administrative tasks in Active Directory using PowerShell Manage your organization's network with ease Who This Book Is For If you are an Active Directory administrator, system administrator, or network professional who has basic knowledge of Active Directory and are looking to gain expertise in this topic, this is the book for you. What You Will Learn Explore the new features in Active Directory Domain Service 2016 Automate AD tasks with PowerShell Get to know the advanced functionalities of the schema Learn about Flexible Single Master Operation (FSMO) roles and their placement Install and migrate Active directory from older versions to Active Directory 2016 Manage Active Directory objects using different tools and techniques Manage users, groups, and devices effectively Design your OU structure in the best way Audit and monitor Active Directory Integrate Azure with Active Directory for a hybrid setup In Detail Active Directory is a centralized and standardized system that automates networked management of user data, security, and distributed resources and enables interoperation

with other directories. If you are aware of Active Directory basics and want to gain expertise in it, this book is perfect for you. We will quickly go through the architecture and fundamentals of Active Directory and then dive deep into the core components, such as forests, domains, sites, trust relationships, OU, objects, attributes, DNS, and replication. We will then move on to AD schemas, global catalogs, LDAP, RODC, RMS, certificate authorities, group policies, and security best practices, which will help you gain a better understanding of objects and components and how they can be used effectively. We will also cover AD Domain Services and Federation Services for Windows Server 2016 and all their new features. Last but not least, you will learn how to manage your identity infrastructure for a hybrid-cloud setup. All this will help you design, plan, deploy, manage operations on, and troubleshoot your enterprise identity infrastructure in a secure, effective manner. Furthermore, I will guide you through automating administrative tasks using PowerShell cmdlets. Toward the end of the book, we will cover best practices and troubleshooting techniques that can be used to improve security and performance in an identity infrastructure. Style and approach This step-by-step guide will help you master the core functionalities of Active Directory services using Microsoft Server 2016 and PowerShell, with real-world best practices at the end.

Start empowering users and protecting corporate data, while managing identities and access with Microsoft Azure in different environments Key Features Understand how to identify and manage business drivers during transitions Explore Microsoft Identity and Access Management as a Service (IDaaS) solution Over 40 playbooks to support your learning process with practical guidelines Book Description Microsoft Azure and its Identity and access management are at the heart of Microsoft's software as service products, including Office 365, Dynamics CRM, and Enterprise Mobility Management. It is crucial to master Microsoft Azure in

order to be able to work with the Microsoft Cloud effectively. You'll begin by identifying the benefits of Microsoft Azure in the field of identity and access management. Working through the functionality of identity and access management as a service, you will get a full overview of the Microsoft strategy. Understanding identity synchronization will help you to provide a well-managed identity. Project scenarios and examples will enable you to understand, troubleshoot, and develop on essential authentication protocols and publishing scenarios. Finally, you will acquire a thorough understanding of Microsoft Information protection technologies. What you will learn Apply technical descriptions to your business needs and deployments Manage cloud-only, simple, and complex hybrid environments Apply correct and efficient monitoring and identity protection strategies Design and deploy custom Identity and access management solutions Build a complete identity and access management life cycle Understand authentication and application publishing mechanisms Use and understand the most crucial identity synchronization scenarios Implement a suitable information protection strategy Who this book is for This book is a perfect companion for developers, cyber security specialists, system and security engineers, IT consultants/architects, and system administrators who are looking for perfectly up–to-date hybrid and cloud-only scenarios. You should have some understanding of security solutions, Active Directory, access privileges/rights, and authentication methods. Programming knowledge is not required but can be helpful for using PowerShell or working with APIs to customize your solutions.

Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center's

full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You'll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you'll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft's leading cloud security experts show how to: • Assess the impact of cloud and hybrid environments on security, compliance, operations, data protection, and risk management • Master a new security paradigm for a world without traditional perimeters • Gain visibility and control to secure compute, network, storage, and application workloads • Incorporate Azure Security Center into your security operations center • Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions • Adapt Azure Security Center's built-in policies and definitions for your organization • Perform security assessments and implement Azure Security Center recommendations • Use incident response features to detect, investigate, and address threats • Create high-fidelity fusion alerts to focus attention on your most urgent security issues • Implement application whitelisting and just-in-time VM access • Monitor user behavior and access, and investigate compromised or misused credentials • Customize and perform operating system security baseline assessments • Leverage integrated threat intelligence to identify known bad actors