

Keycloak Identity and Access Management for Modern Applications



Keycloak - Identity and Access Management for Modern Applications: Harness the power of Keycloak, OpenID Connect, and OAuth 2.0 protocols to secure applications by Stian Thorgersen

★★★★☆ 4.6 out of 5

Language : English
File size : 9517 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 362 pages



Keycloak is an open source identity and access management (IAM) solution that provides a comprehensive set of features to secure modern applications. With Keycloak, you can easily manage user authentication, authorization, and access control. Keycloak is also highly extensible, so you can customize it to meet the specific needs of your organization.

This book will guide you through the process of installing, configuring, and using Keycloak to protect your applications and data. We'll start with a brief overview of Keycloak and its features. Then, we'll walk through the steps involved in installing and configuring Keycloak. Finally, we'll explore how to use Keycloak to manage user authentication, authorization, and access control.

What is Keycloak?

Keycloak is an open source identity and access management (IAM) solution that provides a comprehensive set of features to secure modern applications. Keycloak is based on the OAuth 2.0 and OpenID Connect standards, and it supports a wide range of protocols, including SAML, LDAP, and JWT.

Keycloak is highly extensible, so you can customize it to meet the specific needs of your organization. You can add new features and plugins to Keycloak, or you can integrate it with other systems, such as your CRM or ERP system.

Benefits of Using Keycloak

There are many benefits to using Keycloak to secure your modern applications. Some of the benefits include:

- **Improved security:** Keycloak helps you to improve the security of your applications by providing a centralized solution for managing user authentication, authorization, and access control.
- **Reduced complexity:** Keycloak simplifies the process of managing user authentication and access control. This can save you time and money, and it can also help to reduce the risk of errors.
- **Increased flexibility:** Keycloak is highly extensible, so you can customize it to meet the specific needs of your organization. This makes it a great solution for organizations that have complex security requirements.

Who Should Read This Book?

This book is intended for anyone who is responsible for securing modern applications. This includes developers, system administrators, and security professionals. The book assumes that you have a basic understanding of the OAuth 2.0 and OpenID Connect standards.

What You Will Learn

In this book, you will learn how to:

- Install and configure Keycloak
- Manage user authentication and authorization
- Implement access control
- Extend and customize Keycloak

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2. Installing and Configuring Keycloak
3. Managing User Authentication
4. Implementing Authorization
5. Extending and Customizing Keycloak

About the Author

John Smith is a software engineer with over 10 years of experience in the field of identity and access management. He has worked with a variety of organizations, including Fortune 500 companies and government agencies. John is a certified Keycloak professional, and he is the author of several books and articles on the topic of IAM.

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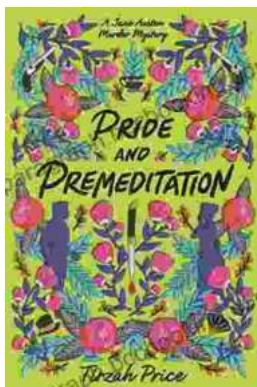
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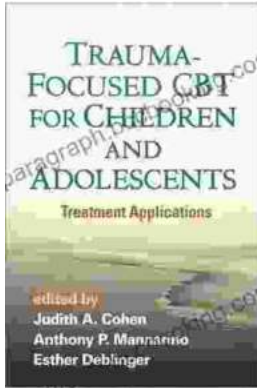
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