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Sommario/riassunto	Back Cover Text: This book is an essential resource for mastering GitHub Enterprise Cloud, tailored to equip IT professionals with the

expertise to efficiently set up, manage, and administer GitHub within an organizational context. Diving into the content, readers will gain a solid grounding in establishing and maintaining a GitHub Enterprise account and organization. The book meticulously walks administrators through each critical step, ensuring a robust foundation is laid. Following this, it delves into the nuances of GitHub Repository Secure Management and Best Practices to safeguard your codebase. A pivotal aspect of this guide is its focus on identity management through the integration of SAML SSO, simplifying and securing access to GitHub. The discussion then shifts to the strategic implementation of GitHub enterprise support, providing insights into its practical usage and organizational adoption. As the journey through the book progresses, you will encounter comprehensive sections on GitHub Actions and Packages, as well as the innovative GitHub Copilot management. These chapters are designed to not only inform but also demonstrate how to streamline and automate repetitive tasks, thereby boosting productivity. This is further illustrated through engaging case studies that bring theory into real-world context. In the latter stages, the book emphasizes the importance of securing the software development lifecycle. It presents advanced security features and practices and shows how GitHub Actions can be harnessed to automate key business processes. Upon concluding this book, readers will find themselves well-equipped to unleash the full capabilities of GitHub Enterprise Cloud, driving efficiency and innovation in their software development endeavors.

What Will You Learn Master the art of configuring GitHub Enterprise to enhance collaboration, fortify security, and ensure scalability within the enterprise sphere. Learn the key settings and strategies that will allow your team to work together seamlessly while maintaining the integrity and performance of your systems. Discover best practices for the effective management of organizations and repositories, and the implementation of user access controls. Develop a comprehensive understanding of constructing robust CI/CD pipelines with GitHub Actions. You'll learn how to automate the processes of building, testing, and deploying software, which results in quicker, more consistent, and dependable software releases. Acquire proven security techniques and compliance strategies that ensure the safety of your code repositories and sensitive data. This includes mastering sophisticated authentication methods, implementing stringent access controls, and utilizing vulnerability scanning tools to detect and mitigate potential security threats.

Who Is This Book For Software Development teams, DevOps engineers, and IT professionals who are looking to use GitHub Enterprise Cloud

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