Record Nr. UNINA9910861086703321 Autore Udayakumar Puthiyavan **Titolo** Design and Deploy Microsoft Defender for IoT: Leveraging Cloudbased Analytics and Machine Learning Capabilities / / by Puthiyavan Udayakumar, Dr. R. Anandan Berkeley, CA:,: Apress:,: Imprint: Apress,, 2024 Pubbl/distr/stampa **ISBN** 979-88-6880-239-3 Edizione [1st ed. 2024.] 1 online resource (365 pages) Descrizione fisica Altri autori (Persone) AnandanR Disciplina 004.67/8 Microsoft software Soggetti Microsoft .NET Framework Data protection Microsoft Data and Information Security Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1: Get Started with IoT -- Chapter 2: Develop Architecture and Strategy for IoT -- Chapter 3: Plan Microsoft Defender for IoT --Chapter 4: Deploy Microsoft Defender for IoT -- Chapter 5: Manage and Monitor your Defender for IoT System. Sommario/riassunto Microsoft Defender for IoT helps organizations identify and respond to threats aimed at IoT devices, increasingly becoming targets for cyberattacks. This book discusses planning, deploying, and managing your Defender for IoT system. The book is a comprehensive guide to IoT security, addressing the challenges and best practices for securing IoT ecosystems. The book starts with an introduction and overview of IoT in Azure. It then discusses IoT architecture and gives you an overview of Microsoft Defender. You also will learn how to plan and work with Microsoft Defender for IoT, followed by deploying OT Monitoring. You will go through air-gapped OT sensor management and enterprise IoT monitoring. You also will learn how to manage and

monitor your Defender for IoT systems with network alerts and data. After reading this book, you will be able to enhance your skills with a

broader understanding of IoT and Microsoft Defender for IoT-

integrated best practices to design, deploy,and manage a secure enterprise IoT environment using Azure. What You Will Learn Understand Microsoft security services for IoT Get started with Microsoft Defender for IoT Plan and design a security operations strategy for the IoT environment Deploy security operations for the IoT environment Manage and monitor your Defender for IoT System.