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ISBN	1-4842-6443-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 235 p. 156 illus.)
Disciplina	004.7
Soggetti	Computer input-output equipment Microsoft software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: About Raspberry Pi -- Chapter 2: Configuring Your Raspberry Pi -- Chapter 3: Setup Prerequisites to Develop Application. -- Chapter 4: Create and Deploy .Net Core Application to Raspberry Pi -- Chapter 5: Play with Azure IoT Hub and Our Application -- Chapter 6: Finally a windows terminal that you can customize -- Chapter 7: Cloud to device communication -- Chapter 8: IoT Edge -- Chapter 9: Develop IoT Edge Modules -- Chapter 10: Azure IoT Central.
Sommario/riassunto	Take your Raspberry Pi further with Asp.net and Microsoft Azure. Run . Net Core applications on Raspberry Pi and turn your Pi into an IoT hub or use it for Edge and Central computing. The future leans towards IoT. We live in a world where everything is connected. Running the Raspberry Pi with .Net core applications opens a world of possibilities. Asp.Net Core offers an amazing open-source web framework that enables you to build cloud-ready IoT apps. What if we add the power of Microsoft Azure to it? You'll be able to use the power of Asp.Net Core and Microsoft Azure with your Pi! Once the initial setup is complete, you'll move on to a real-world scenario—running your applications inside a Raspberry Pi. Develop an application that sends automated data to the Microsoft Azure IoT hub then retrieve it using the Azure extensions we have. You will also set up the Azure IoT Edge and Azure IoT Central to make our application ready for production scenarios. You will: • Set up Raspbian OS on the Raspberry Pi • Develop a .Net core

application and run it in the Pi • Create and use Azure resources such as Azure IoT Hub, Azure IoT Edge, and Azure IoT Central.

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