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Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewer; www. PacktPub.com; Table of Contents; Preface; Chapter 1: IBM® SmartCloud®; A brief history of IBM; Beware of fake clouds!; The definition; Five essential characteristics; Four service models; Three deployment models; The value of cloud services; IBM® SmartCloud® portfolio; IBM® SmartCloud® Foundation; IBM® SmartCloud® Services; IBM® SmartCloud® Solutions; Summary; Chapter 2: IBM® SmartCloud® Enterprise; Introduction; Understanding the basic concepts; Basic services; Virtual machine instances; Virtual local storage
	Network access methodsImage catalog; Support and maintenance; Forum support; Maintenance windows; Premium services; Storage options; Block storage; Network options; Virtual private network; Virtual local area network; Reserved IP addresses; Additional support options; Premium support; Advanced premium support; Add-on operating system support; Estimating your cost; Preparing to get started; Creating an account; Ordering premium services; Navigating to the SCE management console; Summary; Chapter 3: Getting Started; Popular uses; Resource relationships and attributes
	Provisioning our first virtual machine instanceCreating a block storage volume; Creating an SSH key; Creating a virtual machine instance; Connecting to the instance; Configuring and consuming the instance;

Creating a snapshot from the customized instance; Taking a snapshot of the instance; Customizing an image by adding extra parameters; Using rapid deployment services; Many more functions!; User's guide; Demonstration videos; IBM® SmartCloud® Enterprise; IBM® SmartCloud® Application Services; Summary; Chapter 4: Advanced Use-cases; Using REST (and other) APIs; User guides and references Provisioning a virtual machine instance using the REST APIThe ; Using the REST API in a browser; Creating a virtual machine instance using the API; Powerful API functionalities; Anti-collocation; Guest messaging; The deployment utility tool; Image management; Creating dynamic virtual images; IBM Image Construction and Composition Tool; CohesiveFT; Importing images; Default features; CohesiveFT; Transfering images between different accounts; Delivering images; Securing your resources; ISO 27001 certification; Network security; Network concepts and tools

Integrating your authentication policy using a proxyHost security; Hypervisor security; Encrypting data in virtual machine instances; Backup and restore options; Backup using the storage capabilities; Monitoring instances; IBM Tivoli® Monitoring; Managing from a mobile device; High availability; Summary; Chapter 5: There's an Ecosystem for That; IBM product images; Licensing and pricing options; IBM Business Partner solutions; Cloud ecosystem partner images; Ready for IBM SmartCloud Services solutions; Summary; Chapter 6: Further Developments; IBM® SmartCloud® Application Services Improving software delivery with DevOps

| Sommario/riassunto | A practical, user-friendly guide that provides an introduction to cloud computing using IBM SmartCloud, along with a thorough understanding of resource management in a cloud environment.This book is great for anyone who wants to get a grasp of what cloud computing is and what IBM SmartCloud has to offer. If you are an IT specialist, IT architect, system administrator, or a developer who wants to thoroughly understand the cloud computing resource model, this book is ideal for you. No prior knowledge of cloud computing is expected. |