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Nota di contenuto	Cover; Copyright; Credits; About the Author; Acknowledgments; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Getting Started with VMware vCloud Air; What is cloud computing?; How is cloud computing useful?; vCloud Air: concepts and components; vCloud Air service offerings; Types of vCloud Air services; The Dedicated Cloud service; The Virtual Private Cloud service; The Disaster Recovery service; Signing up for VMware vCloud Air; Regions; Navigating through the interface; Resource usage; Virtual machines; Gateways; Networks; Virtual Datacenters - VDCs User managementSummary; Chapter 2: Working with Virtual Machines; What is a virtual machine?; vApps, templates, and catalogs; Getting started with virtual machines; Creating a virtual machine using a template; Creating a virtual machine from scratch; Virtual machine power operations; Editing virtual machine properties using vCloud Air; Editing virtual machine properties using vCloud director; Creating custom catalogs; Accessing virtual machines using the VMRC; Monitoring virtual machines; Best practices and tips; Summary; Chapter 3: vCloud Air Networking and Security The vCloud Air networking componentsGateways and networks; Gateways; Networks; Assigning public IPs; Connecting virtual machines to a network; Connecting virtual machines to the Internet; Scenario;

Networking services provided by gateways; DHCP; NAT; The Firewall; Static routing; Virtual private networks; Load balancing; Scenario; Best practices and tips; Summary; Chapter 4: Extending vCloud Air; VPNs; Site-to-site VPN connectivity; Multi-site VPN connectivity; Extending datacenters to clouds using vCloud Connector; What is VMware vCloud Connector?; vCloud Connector features
Deploying vCloud Connector in your environmentDeploying vCloud Connector Server; Deploying vCloud Connector node; Registering vCloud Connector in vSphere Client; Adding clouds to vCloud Connector; Copying content between clouds using vCloud Connector; Best practices; Summary; Chapter 5: Monitoring Workloads on vCloud Air; The VMware vRealize Suite; VMware vRealize Operations; Adding Data Nodes; Adding Remote Collector Nodes; Configuring HA for vRealize Operations Master Nodes; Configuring vRealize Operations for first use; vRealize Operations Manager Solutions
Configuring the vSphere Solutions packConfiguring the vCloud Air Management Pack; vCloud Air Management Pack Dashboards; Best practices; Summary; Chapter 6: Business Continuity and Disaster Recovery using vCloud Air; The importance of business continuity and disaster recovery; The need for cloud-based disaster recovery; VMware vCloud Air - Disaster Recovery; Key features and benefits of VMware vCloud Air - Disaster Recovery; Setting up a disaster recovery service; Setting up VMware vSphere Replication; Configuring a vSphere Replication connection with vCloud Air
Configuring virtual machine replication

Sommario/riassunto

This book is intended for cloud engineers or administrators who wish to explore and gain hands-on experience of VMware vCloud Air. To make the most of this book, it would be beneficial to have a bit of familiarity with basic VMware vCloud concepts, but no prior experience is required.
