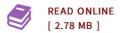# Cloud Management and Security

By Imad M. Abbadi

Wiley India Pvt. Ltd, 2015. Softcover. Book Condition: New. First edition. This book discusses the foundations of Cloud computing, and covers in detail two main aspects of Cloud computing. The first is on Cloud management, which discusses architectures and Cloud management platform with its benefits and challenges. The second is on Cloud security covering threat vectors, and practical advice on how to build a trustworthy Cloud infrastructure. The layout of this book is carefully designed for post graduate studies. Preface References 1 Introduction 1.1 Overview 1.2 Cloud definition 1.3 Cloud evolution 1.4 Cloud services 1.5 Cloud deployment types 1.6 Main challenges of Clouds 1.7 Summary 1.8 Exercises Part One Cloud management 2 Cloud Structure 2.1 Introduction 2.2 Infrastructure components 2.3 Cloud Layers 2.4 Cloud relations 2.5 Cloud dynamics 2.6 Data types 2.7 Summary 2.8 Exercises 3 Fundamentals of Cloud management 3.1 Introduction 3.2 Clouds management services 3.3 Virtual control center 3.4 Prerequisite input-data for the management services 3.5 Management of user requirements 3.6 Summary 3.7 Exercises 4 Cloud properties 4.1 Introduction 4.2 Adaptability property 4.3 Resilience property 4.4 Scalability property 4.5 Availability property 4.6 Reliability property 4.7 Security and privacy property 4.8 Business model 4.9 Summary 4.10 Exercises 5 Automated...

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