



Contents

1. Introduction to Cloud Computing	5
1.1 History of Computing	7
1.2 Rise of Cloud Computing	11
1.3 The History of the Office	20
1.4 Technologies for Collaboration	22
1.5 Accounting and Management Information Systems	23
1.6 Global Accounting Information System Trends	26
1.7 Atlassian Case Study	27
Revision Questions	32
2. Review Business Computing Needs	39
2.1 Review Enterprise-Level Critical Systems	44
2.2 Review Desktop and Office Productivity Software	48
2.3 Review Desktop and Office Productivity Hardware	54
2.4 Review Peripherals	57
2.5 Review Internal Connectivity	58
2.6 Review External Connectivity	60
2.7 Review File Management and Backup	65
2.8 Review Web Presence for Marketing and E-Commerce	69
2.9 Review Data Needs for Reporting	70
2.10 Bring Information and Impressions Together	71
Summary	73
Revision Questions	74
3. Investigate Cloud Computing to Meet Needs	81
3.1 Fundamentals of Cloud Computing	81
3.2 Variations in Cloud Models	87
3.3 Types of Cloud Service	88
3.4 Consider Opportunities, Risks and Issues	95
3.5 Cost-Benefit Analysis	105
3.6 Prepare a Business Case	111
Summary	114
Revision Questions	115
4. Develop a Plan to Introduce Cloud Computing	121
4.1 Prioritise the Introduction of Cloud Computing	121
4.2 Prepare a Budget	125
4.3 Define Project Steps	127
Summary	130
Revision Questions	131
5. Support the Implementation of the Plan	137
5.1 Running the Project	137
5.2 Communicate and Promote Key Features to Others	140
5.3 Organise Training and Coaching	141
5.4 Encourage and Support Uptake and Efficiencies	142
Summary	144
Revision Questions	145
Appendix: Glossary and Terms	147