

# Contents

List of figures	vi
List of tables	vii
Foreword	ix
Preface	x
ITIL Foundation recap	xi
<b>1 Introduction</b>	<b>1</b>
1.1 What is the cloud?	3
1.2 The origins of cloud	3
1.3 Types of cloud solution	6
1.4 Deciding to use cloud services	10
1.5 Cloud as a key component of digital strategy	12
1.6 The role of cloud services in a digital transformation	13
1.7 Cloud services and sustainability objectives	14
1.8 Governance	15
1.9 How to use this publication	20
<b>2 Explore: Can the organization benefit from cloud?</b>	<b>31</b>
2.1 About the explore step	32
2.2 Understanding the cloud's role in strategy	33
2.3 Setting the strategic scope	36
2.4 Cloud strategic positioning	38
2.5 Value: outcomes, costs, and risks	43
2.6 Formulating the initial cloud strategy	53
2.7 Summary	61
<b>3 Engage: Meeting a cloud service provider</b>	<b>63</b>
3.1 About the engage step	64
3.2 Understanding the CSP landscape	65
3.3 Types of services to be considered	71
3.4 Defining requirements for cloud services	75
3.5 Request for information and proof of concept	84
3.6 Conducting a cloud readiness assessment	84
3.7 Engaging with cloud service providers	87
3.8 Reviewing the cloud strategy and cloud service requirements	92
3.9 Summary	92

<b>4</b>	<b>Offer: Selecting the right services and service provider</b>	<b>93</b>
4.1	About the offer step	94
4.2	Establishing a desired minimum return on investment	95
4.3	Communicating requirements	96
4.4	Request for proposal	96
4.5	Reviewing proposals	101
4.6	Determining the return on investment of the proposed cloud services	105
4.7	Defining and communicating a business case for cloud services	110
4.8	Summary	113
<b>5</b>	<b>Agree: Negotiating and planning</b>	<b>115</b>
5.1	About the agree step	116
5.2	Agreeing and planning value co-creation	117
5.3	Negotiating and agreeing a cloud service	118
5.4	Cloud service agreements	119
5.5	Shared responsibility model	120
5.6	Roles and responsibilities map	122
5.7	Charging models	124
5.8	Summary	125
<b>6</b>	<b>Onboard (and offboard): Moving to the cloud</b>	<b>127</b>
6.1	About the onboard step: general considerations	128
6.2	Migrating to cloud as a part of an onboarding initiative	134
6.3	Security and compliance considerations	140
6.4	Summary	143
<b>7</b>	<b>Co-create: Enabling value</b>	<b>145</b>
7.1	About the co-create step	146
7.2	Operating model alignment	147
7.3	The value co-creation map for cloud	149
7.4	Value co-creation drivers in practice	152
7.5	Managing the optimization of cloud service consumption	166
7.6	Managing cloud service quality	168
7.7	Using cloud tools for value co-creation	170
7.8	Summary	171
<b>8</b>	<b>Realize: Measuring and improving</b>	<b>173</b>
8.1	About the realize step	174
8.2	Maintaining operating model alignment	175
8.3	VUCA and the value co-creation map	176
8.4	Continual improvement and the value co-creation map for cloud	180
8.5	Summary	188
<b>9</b>	<b>Conclusion</b>	<b>189</b>

Appendix A: ITIL practices and the customer journey	191
Further research	203
Glossary	207
Acknowledgements	215
Index	221