

# Contents

<b>About the Authors .....</b>	iii
<b>Preface .....</b>	vii
<b>Why Read This Book? .....</b>	x
<b>Introduction .....</b>	xiv
Hear What Our Customers Are Saying About DB2 10 for z/OS .....	xxi

## PART I: Planning for IBM DB2 10 for z/OS

<i>by John Campbell .....</i>	1
Executive Summary .....	1
Introduction .....	2
States of migration .....	2
Highlights of the Beta Test .....	3
Summary of results .....	6
Performance and Scalability .....	7
Early results .....	8
DBM1 virtual storage constraint relief with 64-bit SQL runtime .....	12
Planning for real storage .....	17
INSERT performance .....	18
Accounting Trace Class 3 enhancement .....	20
Hash access vs. index-only access .....	22
Availability .....	23
Online schema evolution .....	23
Other Issues .....	25
BIND/REBIND issues .....	26
Incompatible Changes .....	27
Migration and Planning Considerations .....	27
Migration strategy .....	27
Planning considerations .....	29
Should you “skip” DB2 9? .....	31

Security Considerations When Removing DDF Private Protocol .....	32
Save critical access paths and accounting data .....	33
Items Planned for Post-GA Delivery .....	33
When should you migrate to DB2 10 for z/OS? .....	35
Summary .....	37

## **PART II: Gaining the Financial Benefits of DB2 10 for z/OS**

by Cristian Molaro .....	39
Introduction .....	39
Why Performance Matters .....	40
DB2 10 for z/OS Performance and Cost Savings .....	45
Executive summary .....	45
Detailed analysis .....	45
Setting the correct level of expectations .....	49
The many paths to get the DB2 10 savings .....	50
The performance “migration path” .....	53
Performance benefits for distributed applications .....	56
Building the DB2 10 for z/OS Business Case .....	59
Executive summary .....	59
The business case building process .....	59
DB2 10 savings and software pricing .....	61
The case of the Advanced Workload License Charges .....	63
Estimating the DB2 10 financial benefits .....	64
Estimating long-term DB2 10 financial benefits .....	71
Some Invaluable Performance Benefits of DB2 10 .....	76
Executive summary .....	76
More throughput .....	77
DB2 10 storage and savings by consolidation .....	79
Specialty engines .....	82
Notes .....	85
Acknowledgements .....	87