

---

# Table of Contents

<b>Preface.....</b>	<b>v</b>
<b>1. Overview.....</b>	<b>1</b>
A spectrum of compute paradigms	1
Concept of serverless compute	3
Conclusion	4
<b>2. The Ecosystem.....</b>	<b>7</b>
Overview	7
AWS Lambda	8
Azure Functions	9
Google Cloud Functions	10
iron.io	11
Galactic Fog's Gestalt	12
IBM OpenWhisk	12
Other players	13
Cloud Or On-premises?	14
Conclusion	15
<b>3. Serverless From An Operations Perspective.....</b>	<b>17</b>
Appops	17
Operations	18
Checklist	20
Conclusion	21
<b>4. Serverless Operations Field Guide.....</b>	<b>23</b>
Latency versus access frequency	23

When (not) to go serverless	25
Walkthrough example	28
Conclusion	36
<b>A. Roll Your Own Serverless Infrastructure.....</b>	<b>39</b>
<b>B. References.....</b>	<b>47</b>