

Table of Contents

Privacy Notice	1
Lesson 1: Introducing DevOps.....	3
1.1 Recognize the problem to be solved	5
1.2 Explain DevOps and its benefits	10
1.3 Describe continuous security and testing	18
1.4 Describe core DevOps principles	20
Lesson 2: Mapping Your Value Stream.....	27
2.1 Explain the purpose of mapping the Value Stream	28
2.2 Evaluate the efficiency of your current Value Stream	31
Lesson 3: Gaining Alignment with Continuous Exploration	41
3.1 Create Solution hypotheses	45
3.2 Collaborate and research Customer needs	50
3.3 Architect the Solution for continuous delivery	53
3.4 Synthesize the Vision, the Roadmap, and the Program Backlog.....	57
Lesson 4: Building Quality In with Continuous Integration	63
4.1 Develop the Solution.....	67
4.2 Build continuously.....	72
4.3 Test end-to-end	76
4.4 Validate on a staging environment	80
Lesson 5: Reducing Time-to-Market with Continuous Deployment.....	85
5.1 Deploy to production.....	89
5.2 Verify the Solution	94
5.3 Monitor for problems.....	96

5.4 Respond and recover.....	100
Lesson 6: Delivering Business Value with Release on Demand	111
6.1 Release on Demand	115
6.2 Stabilize the Solution	117
6.3 Measure the business value.....	120
6.4 Learn and react	122
Lesson 7: Taking action.....	127
7.1 Share your DevOps action plan.....	128
Lesson 8: Becoming a SAFe DevOps Practitioner.....	137
8.1 Becoming a SAFe Practitioner	138