

BUILDING SERVERLESS SOLUTIONS





Workshop Introduction



Who is Chad Green?

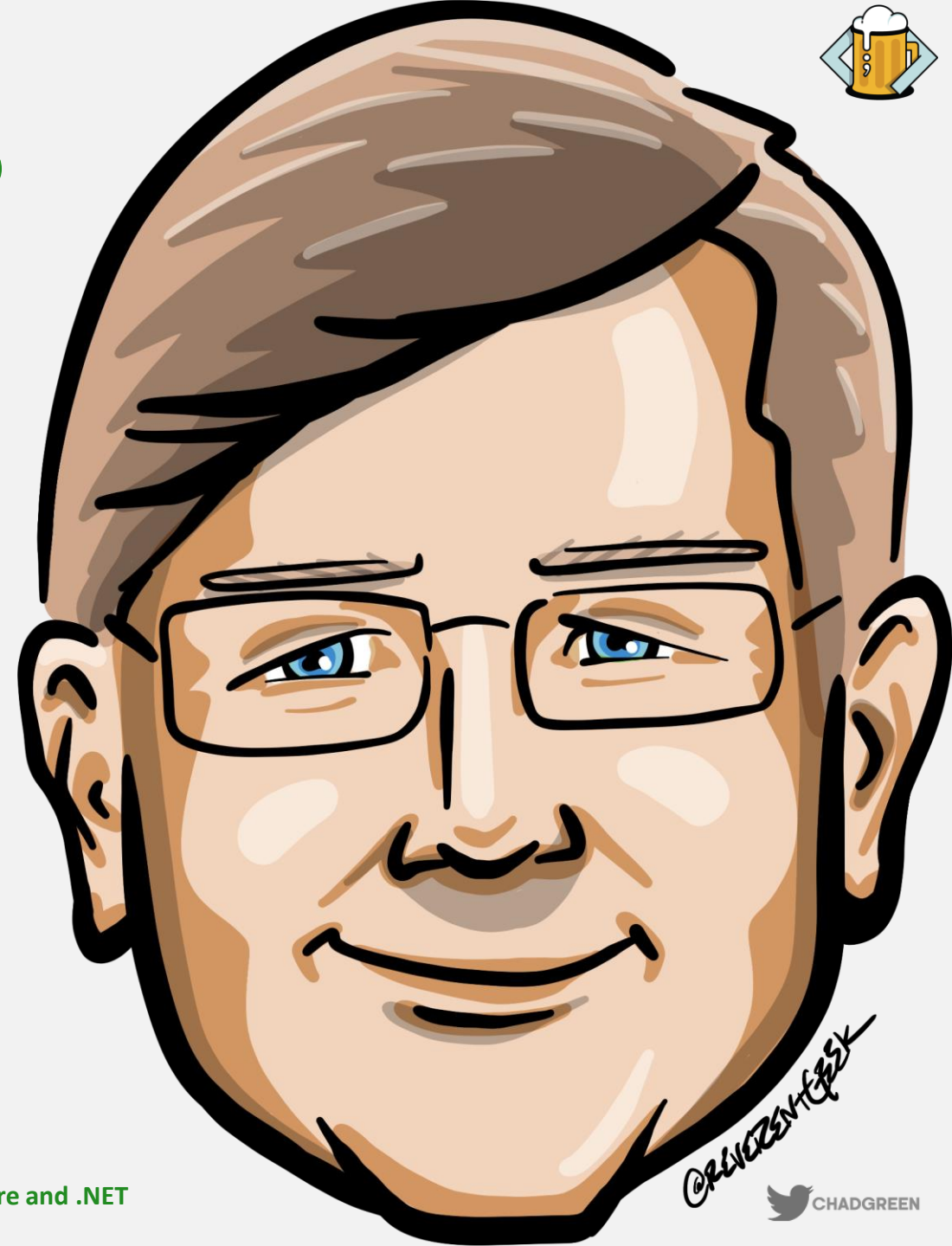
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Attendee Introductions



Workshop Overview





Agenda

- Introduction (5 minutes)
 - Welcome and Overview



Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
 - Introduction to Microservices
 - Introduction to Event-Driven Architecture
 - Introduction to Serverless
 - Overview of Azure Serverless



Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)



Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)
- Business Scenario (30 minutes)



Agenda

- Introduction
 - Prologue
 - Break (15)
 - Serverless
 - Business
 - Hands-On
- Hands-On Labs**
 - Initialize Environment
 - Get Next Core
 - Mock Production Schedule Endpoint
 - Get Next Core Handler
 - Inventory Manager
 - Send Messages to Service Bus from API Management
 - Order Next Core
 - Core in Transit
 - Notification Manager



Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)
- Business Scenario (30 minutes)
- Hands-On Labs (3 hours)
- Additional Topics (45 minutes)
 - Serverless Security Best Practices
 - Monitoring and Troubleshoot Serverless Applications
 - Scaling and Performance Optimization



Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)
- Business Scenario (30 minutes)
- Hands-On Labs (3 hours)
- Additional Topics (45 minutes)
- Wrap-Up and Q&A (15 minutes)
 - Recap of the day
 - Open discussion and Q&A



Schedule

Segment	Duration	Start Time	End Time
Introduction	5 minutes	9:00	9:05
Prologue	1 hour 30 minutes	9:05	10:35
Morning Break	15 minutes	10:35	10:50
Serverless Design Patterns	40 minutes	10:50	11:30
Business Scenario	30 minutes	11:30	12:00
Lunch	45 minutes	12:00	13:00
Hands-On Lab	3 hours	13:00	16:00
Additional Details	45 minutes	16:00	16:45
Wrap-Up and Q&A	15 minutes	0:15	17:00



Code of Conduct

- Respect and Inclusion
- Professional Behavior
- Confidentiality
- Collaborating and Listening
- Conflict Resolution
- Compliance with Laws and Policies
- Safety and Well-Being
- Feedback and Improvement

PROLOGUE



Building Serverless Solutions
with Azure and .NET