AZ-400 Designing and Implementing Microsoft DevOps Solutions, Part 3 of 7: Continuous Delivery

Meet the expert: Ranjan is an author, consultant, trainer, speaker & founder having 12 years of hands-on experience. As a trainer, he has delivered 250+ corporate training & trained 5000+ professionals with excellent feedback on various technologies around the globe.

Prerequisites: The AZ-400 exam has a prerequisite of EITHER Microsoft Certified Azure Administrator Associate OR Microsoft Certified Azure Developer Associate. Candidates for this exam should have subject matter expertise working with people, processes, and technologies to continuously deliver business value.

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Course description: Candidates for the DevOps Engineer Expert certification should have subject matter expertise working with people, processes, and technologies to continuously deliver business value. This course covers: Implement Continuous Delivery which counts for (10 – 15%) of the exam.

Course outline:

Continuous Delivery
- Introduction
- Design Release Strategy
- Release Strategy Recommendations
- High Quality Release Pipeline
- Choosing a Deployment Pattern
- Choosing Release Management Tool
- Summary

Artifacts to Azure Blobs
- Introduction
- Artifacts to Azure Blobs
- End2End website CICD
- Azure Artifacts
- Summary

Create a Release Pipeline
- Introduction
- Create a Release Pipeline
- Provision and configure Environments
- Manage Secrets
- Integrate Secrets and Release Pipeline
- functional Test Automation
- Automate Inspection of Health
- Summary

Test Cases
- Introduction
- Testcases Full
- Task Groups
- Continuous Monitoring & App Insights
- Azure ENV demo
- Summary

Deployment Patterns
- Introduction
- Deployment Patterns
- Progressive Exposure Deployment
- Blue Green Deployment
- Feature Toggles
- Canary Releases
- Dark Launching
- AB Testing
- Summary