

AZ-2006: Automate Azure Load Testing by using GitHub Actions

Course Outline

1) Implement GitHub Actions

- Describe the components of GitHub Actions
- Implement variables and scripts in a workflow
- Use contexts and expressions to manage workflow execution
- Manage secrets in GitHub
- Create and run a GitHub Actions workflow
- Lab: Create a workflow that validates code on a pull request

2) Implement GitHub Actions for Azure

- Explain the benefits of GitHub Actions for Azure
- Describe the different types of service principals
- Implement service principals and use them in your GitHub Actions for Azure workflows
- Use GitHub Actions for Azure to publish a web app to Azure App Service
- Lab: Use GitHub Actions for Azure to publish a web app to Azure App Service

3) Implement Azure Load Testing

- Understand the components of Azure Load Testing
- Create an Azure Load Testing resource
- Configure service authentication to allow GitHub Actions to connect to your Azure load testing resource
- Add load test input files to your repository
- Update the GitHub Action definition to invoke Azure Load Testing
- Lab: Automate Azure load testing using GitHub Actions