

AZ 2006- Automate Azure Load Testing By Using GitHub Actions

Days: 1



Prerequisites: Experience with GitHub and an understanding of pull requests, code merges, and other repository management practices. Experience creating resources in Azure.

Description: Learn how to implement GitHub Actions and configure Azure Load Testing to automate testing app deployments.

OUTLINE:

LESSON 1 - IMPLEMENT GITHUB ACTIONS

- Explore GitHub Actions
- Examine a workflow file
- Implement variables and scripts in a workflow
- Explore contexts and expressions in GitHub
- Manage secrets in GitHub

LESSON 2 - IMPLEMENT GITHUB ACTIONS FOR AZURE

- Explore GitHub Actions for Azure
- Discover authentication options for GitHub Actions for Azure

LESSON 3 - IMPLEMENT AZURE LOAD TESTING

- Explore Azure Load Testing
- Create and manage tests in Azure Load Testing
- Create a load test YAML configuration file
- Define fail criteria and AutoStop
- Configure secrets and environment variables