

## Automate Azure Load Testing by using GitHub Actions

**Cursusduur: 1 Dag    Cursuscode: M-AZ2006    Trainingsmethode: Virtual Learning**

### Beschrijving:

**This course teaches how to implement GitHub Actions and configure Azure Load Testing to automate testing app deployments.** In this course students will learn how to implement GitHub Actions and configure Azure Load Testing to automate testing app deployments.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Doelgroep:

Students who are willing to learn about how to implement GitHub Actions and configure Azure Load Testing to automate testing app deployments.

### Doelstelling:

- Students will learn to,
  - Implement GitHub Actions for Azure
- Implement GitHub Actions
  - Implement Azure Load Testing

### Vereiste kennis en vaardigheden:

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

### Cursusinhoud:

#### Module 1: Implement GitHub Actions

- Explore GitHub Actions
- Examine a workflow file
- Implement variables and scripts in a workflow.
- Explore contexts and expressions in GitHubManage secrets in GitHub.
- Exercise - Create a workflow that validates code on a pull request

#### Module 2: Implement GitHub Actions for Azure

- Explore GitHub Actions for Azure
- Discover authentication options for GitHub Actions for Azure
- Exercise - Use GitHub Actions for Azure to publish a web app to Azure App Service

#### Module 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 auto stop
- Configure secrets and environment variables
- Exercise - Automate Azure load testing using GitHub Actions

### Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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