

Course : Automate Azure Load Testing Using GitHub (Microsoft AZ-2006)

AZ-2006 Official Course

Practical course - 1d - 7h00 - Ref. AZG

Price : 830 € E.T.

NEW

In this training, you'll learn how to automate Azure load tests by integrating Azure Load Testing into GitHub Actions workflows. You'll also learn how to configure, run, and analyze tests to validate application performance in a CI/CD pipeline.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Implement CI/CD pipelines with GitHub Actions
- ✓ Automate processes using GitHub Actions
- ✓ Deploy and configure GitHub Actions for continuous integration and continuous deployment

Intended audience

Developers.

Prerequisites

Experience with GitHub (pull requests, merges, repository management).
Experience creating Azure resources. Good understanding of written English.

Practical details

Teaching methods

The training session will be conducted in French. Official course materials are available in digital format and in English.

Course schedule

PARTICIPANTS

Developers.

PREREQUISITES

Experience with GitHub (pull requests, merges, repository management). Experience creating Azure resources. Good understanding of written English.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

1 Implement GitHub Actions workflows

- Learn about GitHub Actions.
- Analyze the structure of a workflow file.
- Implement variables and scripts in a workflow.
- Using contexts and expressions in GitHub.
- Managing secrets in GitHub.

2 Implement GitHub Actions for Azure

- Learn about GitHub Actions for Azure.
- Learn about authentication options for GitHub Actions with Azure.

3 Implement Azure Load Testing

- Learn about Azure Load Testing.
- Create and manage tests in Azure Load Testing.
- Create a YAML configuration file for load testing.
- Define the failure criteria and automatic shutdown.
- Configure secrets and environment variables.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

This programme is an original creation, developed by the teaching teams at ORSYS Formation. Any reproduction, representation, adaptation or use, in whole or in part, without the prior written authorisation of ORSYS, is strictly prohibited. ORSYS reserves the right to take any action necessary to protect its intellectual property rights.

Dates and locations

REMOTE CLASS

2027 : 1 Mar., 14 June, 13 Sep., 29 Nov.

PARIS LA DÉFENSE

2027 : 1 Mar., 14 June, 13 Sep., 29 Nov.