

Course : Automate Your Workflow with GitHub Actions (Microsoft GH-200)

Official GH-200 Course: Exam Preparation

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

Price : 850 € E.T.

NEW

In this course, you'll learn how GitHub Actions can help you automate your software development cycle. You'll discover how to plan the automation of your development lifecycle using GitHub Actions workflows, how to use GitHub Actions to automatically compile an application, and how to use GitHub Script to interact with the GitHub API.

Teaching objectives

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

- ✓ Automate Development Tasks with GitHub Actions
- ✓ Building Continuous Integration (CI) Workflows
- ✓ Deploy applications (e.g., on Azure) using workflows
- ✓ Publishing packages with GitHub Actions
- ✓ Create, publish, and manage custom and enterprise GitHub Actions

Intended audience

Anyone who wants to use GitHub to speed up the creation and deployment of applications with GitHub Actions in an enterprise environment.
Participants with an active GitHub Copilot subscription for a personal GitHub account or a GitHub account managed by an organization or company.

Prerequisites

An active GitHub Copilot subscription is required for a personal GitHub account or a GitHub account managed by an organization or company.
Basic knowledge of Git and GitHub, an understanding of the fundamentals of continuous integration and deployment, and a good command of written English.

PARTICIPANTS

Anyone who wants to use GitHub to speed up the creation and deployment of applications with GitHub Actions in an enterprise environment.
Participants with an active GitHub Copilot subscription for a personal GitHub account or a GitHub account managed by an organization or company.

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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.

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

1 Automate Your Workflow with GitHub Actions (Part 1 of 2)

- Automate development tasks using GitHub Actions.
- Create continuous integration workflows using GitHub Actions.
- Create and deploy applications to Azure using GitHub Actions.
- Automate GitHub using GitHub Script.

2 Automate Your Workflow with GitHub Actions (Part 2 of 2)

- Use GitHub Actions to publish to GitHub Packages.
- Create and publish custom GitHub actions.
- Managing GitHub Actions in an Enterprise Setting.

Options

Certification : 200 € H.T.

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.

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.

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