# Module 3. Continuous Integration

## Topics

* Continuous Deployment
* Azure Pipelines
* Azure DevTest Labs

## Recommended Courses

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| Course Host | Course | $ | Module | MoSCoW | T, h |
| Pluralsight | [Developing with .NET on Microsoft Azure - Getting Started](https://app.pluralsight.com/library/courses/developing-dotnet-microsoft-azure-getting-started/table-of-contents) |  | Continuous Integration | S | 0.5h |
| Edx | [DEV223x: Getting Started with Azure App Service: Web Apps](https://courses.edx.org/courses/course-v1:Microsoft+DEV223x+2T2018/course/) |  | Module 3. Advanced Deployment Scenarios | S |  |
| [DEVOPS200.3x: Continuous Integration and Continuous Deployment](https://courses.edx.org/courses/course-v1:Microsoft+DEVOPS200.3x+2T2018/course/) |  | Continuous Integration | C |  |
| Package Management | C |  |
| Continuous Delivery | C |  |
| Continuous Deployment | C |  |
| Continuous Delivery with Octopus | C |  |

## Recommended Reading

* [Azure Pipelines](https://azure.microsoft.com/services/devops/pipelines/)
* [Azure Boards](https://azure.microsoft.com/services/devops/boards/)
* [Azure Artifacts](https://azure.microsoft.com/services/devops/artifacts/)
* [Azure Repos](https://azure.microsoft.com/services/devops/repos/)
* [Azure Test Plans](https://azure.microsoft.com/services/devops/test-plans/)

## Module Tasks

### Task 1. Create CI/CD pipeline

Setup CI/CD pipeline for the back-end service you created in the previous module (Task 3) using Azure Pipelines services.

* Use free private Git Repos for hosting.
* Use Azure Dev Test Labs for testing environment.