

**Congratulations! You passed!**

TO PASS 80% or higher

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GRADE

100%

Continuous Integration

LATEST SUBMISSION GRADE

100%

1. Continuous Integration (Select all answers that apply):

1 / 1 point

- ☒ Speeds up the development process, as builds and tests are fully automated

**Correct**

This is a major reason to use CI.

- ☒ Can speed development, as wrong paths can be discovered before they are pursued for a long time

**Correct**

This is a major reason to use CI.

- ☒ Can be costly to set up, as it requires a server and staff and training developers to use properly

**Correct**

Yes, it is work to set up and learn to use.

- ☒ Can put a strain on developers who have to submit changes constantly

**Correct**

Yes it is more work, but it has great benefit when the workflow adapts to it

- ☒ Minimizes regression bugs, since thorough testing is done at every stage before release (i.e. continuously)

**Correct**

This is a major reason to use CI.

2. What is the correct order of the Continuous Integration process stages?

1 / 1 point

- ☐ Delivery, Integration and Deployment
- ☐ Integration, Deployment and Delivery
- ☐ Deployment, Delivery and Integration
- ☒ Integration, Delivery and Deployment

**Correct**

The correct order is: Integration, Delivery and Deployment

3. Which statement is true?

1 / 1 point

- ☐ You do not need Continuous Integration if you use a revision control system such as Git
- ☐ You do not need a revision control system such as Git if you use Continuous Integration methods
- ☒ Use of Continuous Integration and revision control methods are independent, but are usually employed together

**Correct**

Using CI and a revision controls system are different degrees of freedom, but they are often used together.

4. The Linux Kernel Continuous Integration Project was initiated by:

1 / 1 point

- ☐ The Apache Software Foundation
- ☒ Linaro
- ☐ The Linux Foundation
- ☐ The Free Software Foundation

☐ FIFA



Correct

The LKCI was begun by Linaro

5. There are many tooling suites used for Continuous Integration. The most widely used one is:

1 / 1 point

☐ Bamboo

☐ Eclipse

☒ Jenkins

☐ Emacs

☐ Travis CI



Correct

Jenkins has the largest market share especially for larger projects