



Tips for the Cloud Foundry Certified Developer Exam

Overall Exam

The exam consists of a set of performance based questions, where you will use the CLI to interact with a Cloud Foundry environment, as well as a set of multiple choice questions. You can move forward and back in the questions as much as you like before submitting the exam for grading. You will have a maximum of 3 hours to complete the exam. When you are done, click the 'End exam' button in the support console. Wait for the proctor to complete the exam completion process. Your pass/fail status and score will be emailed to you within 36 hours, using the email address you registered with.

What You Need For Your Exam

Make sure your ID is ready for the exam. You can use any current, non-expired government ID that has your photo and full name. If you are taking the student exam, have your valid student ID ready as well.

Per proctor rules, you are not allowed scratch paper, food or beverages during the exam. If you need food or beverage accommodations for medical purposes, please contact certification-support@cloudfoundry.org a minimum of 2 weeks before the date of your exam.

Authentication

To login to the CF environment, you will use the credentials located at the home directory of the VM (`/home/student/cf_credentials.rc`), using the value provided for "CF_USERNAME" as your email, and the value of "CF_PASSWORD" as your password, as well as the org that is specified

Programming Languages

Some of the performance based questions will require the ability to review existing code fragments and make minor changes. You will be given the opportunity to review code in any of the following three languages: Java, Ruby or Node.js. In such questions you should modify code from only one of the available three languages/frameworks, and there will be no additional points awarded for doing a given question in more than one language. Knowledge of buildpacks is also assumed.

Editors

Coding questions should be done using the standard line editors available in the terminal window, specifically either VIM or emacs. An IDE is no longer required or provided, as the code changes are all modest updates to existing code. The exam requires use of the Cloud Foundry CLI to execute, and no Cloud Foundry UI should be used to complete exam questions.

Spaces

Each performance based exam question will be performed in its own Cloud Foundry space, so be careful to target the appropriate space when pushing applications. Applications that are pushed to the wrong space will not be scored.

Terminal Commands During Your Exam

Since your terminal is running within your browser, there are several critical differences for commands allowed during the exam.

Ctrl+C & and Ctrl+V are NOT supported in your exam terminal, nor is copy and pasting large amounts of text.

In Chrome (regardless of operating system), Ctrl+W is a keyboard shortcut that will close the current tab. Do not use Ctrl+W during your exam. Instead use Ctrl+Alt+W.

To copy and paste limited amounts of text (1-2 lines) please use:

- Linux: Select text for copy and middle button for paste (or both left and right simultaneously if you have no middle button).
- Mac: ⌘+C to copy and ⌘+V to paste.
- Windows: Ctrl+Insert to copy and Shift+Insert to paste.

Do not stop or tamper with the Gate One process; this is what delivers the terminal via your browser and stopping or tampering with Gate One will end your exam session.

Resources allowed during exam

Candidates may use their Chrome or Chromium browser to open one additional tab in order to access assets at docs.cloudfoundry.org, apidocs.cloudfoundry.org, and/or github.com/cloudfoundry/ for reference during the exam. No other tabs may be opened and no other sites may be navigated to. *The allowed sites above may contain links that point to external sites. It is the responsibility of the candidate not to click on any links that cause them to navigate to a domain that is not allowed.*