

QA Engineer Exercise

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1. Introduction

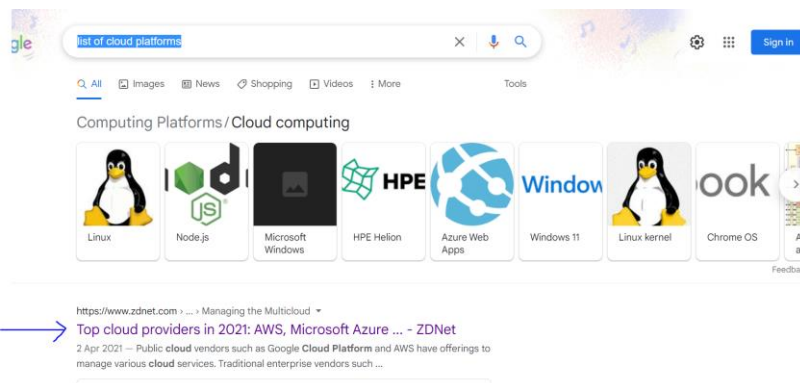
To help facilitate the interview, we kindly ask that the following exercise is completed beforehand. During the interview the outcome of the exercise can be reviewed in an interactive screen-sharing session with two members of our QA team. The exercise is designed to highlight your approach to automation testing, such as test framework utilisation and testing best practices. Don't be worried about getting the exercise note perfect – we've all been there and can finalise it together during the interview!

1.1 The exercise

Using a BDD framework such as Cucumber or Behave, implement a regression test suite for the scenario described below. The test suite can be developed in either Python or Java programming languages and should generate an appropriate output for the test execution results.

1.2 Test scenario

1. Navigate to www.google.co.uk using either a Chrome, Edge or Firefox web browser
2. Enter the following phrase in the Google search bar: *list of cloud platforms*
3. Scroll until you find the results from www.zdnet.com as shown below:



4. Click on the zdnet.com results link
5. From the zdnet results, verify the following cloud providers are listed:
 - a. Amazon Web Services
 - b. Microsoft Azure
 - c. Google Cloud Platform
6. Click the "View at AWS button":
 - a. Verify that a new tab been opened in the same web browser
 - b. Validate the new tab has opened this URL <https://aws.amazon.com/what-is-aws/>
 - c. Validate the landing page displays the words "Cloud computing with AWS"

End of the test scenario