

SIT226 Cloud Automation Technologies

Pass Task 6.1P

Mid-Term Quiz

Background and Aims

Throughout this trimester we have been learning a number of skills with regards to Docker and Kubernetes. The purpose of this week's task is to demonstrate what you have learned in this space.

Get Prepared

Before attempting this quiz make sure you take the time to review the practical content from Weeks 2-5. All quiz questions are drawn from the practicals for these weeks, so ensure that you understand the concepts addressed in those practicals and are able to explain the meaning of the commands and the various parameters.

Complete the Task

Page Limit: 1 page of text formatted reasonably, e.g., 2cm margins, 11 or 12 point font, appropriate headings/spacing, etc.

Prepare a document according to the following requirements:

1. Reflect on the content for this week. In $\frac{1}{2}$ - $\frac{3}{4}$ page, identify the most important lessons/topics this week relevant to your future studies/career and explain why they are the most important. Note: Do not present/explain topics, you are explaining why the things you learned are important!
2. Provide one or more screenshots for each activity, demonstrating that you have completed the lab session this week and briefly explain what is shown in each screenshot (one or two short sentences each).
3. (After completing the lab) Complete the Mid-Term Quiz on the Unit Site in CloudDeakin. Provide a screenshot of your final mark (including the indication of the quiz name). If you passed, only the screenshot is required. If you were unable to achieve the required mark (after all attempts), in approximately $\frac{1}{2}$ page explain the areas of knowledge you were lacking in, the actions you took to address these knowledge gaps, and what you have learned since completing the quiz.
Note: the link can be found either in this week's resources or in the menu at the top of the page (click Assessment, then select Quizzes). Note that this quiz has no time limit and you have three attempts, however you must achieve a mark of 70% or higher (see note below).

Submit Your Task

Once you have completed the quiz, take a screenshot of your final mark including the indication of which quiz this is. If you achieved the required mark, only the screenshot is required. If you were unable to achieve the required mark (after all attempts), in approximately ½ page explain the areas of knowledge you were lacking in, the actions you took to address these knowledge gaps, and what you have learned since completing the quiz. Prepare your submission using the word processor of your choice and submit a PDF to OnTrack.

Taking it Further (Optional)

In attempting the quiz, it should now be apparent to you what areas of knowledge you need to work on to improve and/or close any gaps. Review and even repeat any relevant practicals and consider what other resources are available regarding these skills to develop your knowledge and understanding further, e.g., read the textbook, the Kubernetes website, tutorials on YouTube or other web resources.