

# Task

Your task is to create a virtual machine by using the Compute Engine in the Google Cloud Platform (GCP).

## Note

You should first:

- Get access to GCP for the course and add the A Plus grader account [here](#)
- Get familiar with the Google Cloud Platform by following the [related tutorial](#) on MyCourses.

The GCP Virtual Machine must fulfill the following requirements:

### GCP instance name

The VM instance is named **css-vm-instance**

### Operating System

The VM instance uses a **Debian 10** image.

### HTTP access

The VM instance must allow HTTP traffic by opening port 80.

### Web server

The VM instance must have Apache 2 installed and running.

# Grading

Submissions are evaluated by checking the GCP project you have created for use in the course.

## Warning

- The assignment requires that your GCP project can be accessed from the grader. Make sure that you have add the A Plus grader account according to the instructions [here](#).
- The grader may not be able to correctly check your assignment if you have submitted it **right after creating or modifying** a VM that fulfills all the requirements. In this case it is recommended to wait a few minutes and resubmit your solution, since it takes some time for the properties in the GCP to update and be available to the grader.

## Note

The assignment runs multiple unit tests which give fractional points based on how the requirements in task are fulfilled, according to the table below.

Test	Points
Access rights to the GCP project are correctly set	8
A VM instance with the intended name exists	16
The VM instance runs the intended operating system	18
A connection to the webserver running in the VM is successful	36