Lab Sheet 1

Creating a Virtual Machine

In this hands-on lab, you'll learn how to create a Google Compute Engine virtual machine and understand zones, regions, and machine types. You create VM instances of various machine types using the Google Cloud console and the `gcloud` command line in Cloud Shell. You also learn how to connect an NGINX web server to your VM.

Although you can easily copy and paste commands from the lab to the appropriate place, it is recommended that you type the commands yourself to reinforce your understanding of the core concepts.

What you'll do

- Create a VM with the Cloud console.
- Create a VM with the `gcloud` command line.
- Deploy a web server and connect it to a VM.

Prerequisites

- Familiarity with standard Linux text editors such as `vim`, `emacs`, or `nano`.