# Lab 1: Virtualised Infrastructures

## A Challenge

Our challenge is to setup **MyBank Incorp**, where each of you will be allocated a network and hosts to configure and get on-line (Figure 1). You have a pfSense firewall, a Ubuntu (Private) host, a Windows (DMZ) host, a Metasploitable (DMZ) host and a Kali (DMZ) host to achieve your objectives.

Timeline

Description automatically generated

**Figure 1:** My Bank architecture

## A Setting up the network

In this lab we will connect multiple firewalls to the main gateway and be able to complete the challenges in Table 1. You will be given two things:

Your networks will be: 10.10.*x*.0/24 10.10.*y*.0/24

Demo: <https://youtu.be/g7dzDM4aU0k>

## Appendix

User logins:

Ubuntu User: napier, Password: napier123

Kali User: root, Password: toor

Windows: User: Administrator, Password: napier123

pfsense User: admin, Password: pfsense

Metasploitable User: msfadmin, Password: napier123