



Introduction to Linux

Quarter 5 Overview

- With the exception of a few courses and industry security practices, most of the focus on this program was on the Windows platform.
- This quarter, which is divided into three courses, will teach you about the Linux OS, and some of the server software used to provide the services typically required in an organisation, for example, DNS, email, and web.

Quarter 5 Overview (Continued)

- We start using a homogenous Linux environment, but later on you'll learn how to integrate Linux into a heterogenous one.

AOS 5100 Overview

- The first course, AOS 5100 (*Advanced Operating Systems*), is a four week course that covers Linux fundamentals including navigating the file system, adding users, editing files, managing processes, synchronising time, and so on.
- Using Linux is a big paradigm shift from using Windows, especially from a sysadmin's point of view.

AOS 5100 Overview (Continued)

- By the end of this course you'll have gained enough know-how to be a proficient Linux admin, and will be well-prepared for the subsequent courses, DCN 5200 and ANS 5300.

DCN 5200 Overview

- The second course, DCN 5200 (*Data Communications and Networks*), is a three week course that builds on the fundamentals that were taught in AOS 5100 by describing various network services from a Linux point of view.
- The services we'll be taking a close look at include DNS, DHCP, NFS, and email.