

Introduction to Magma: Cloud Native Wireless Networking (LFS166)

Learn about the Magma project, an open source implementation of a mobile network core. Magma supports diverse radio technologies, including LTE, 5G and WiFi, and is particularly relevant for extending network access into remote, sparsely populated areas.

Duration: 2 Days

Prerequisites for this course

- Familiarity with basic cellular networking technologies is helpful but not mandatory.
- A high level understanding of cloud native services will also be helpful.

Outline for this course

Chapter 1 – Introduction to Mobile Cellular Networking

Chapter 2 – Introduction to the Magma Architecture

Chapter 3 – The Orchestrator

Chapter 4 – The Access Gateway (AGW)

Chapter 5 – The Federation Gateway

Chapter 6 – The Network Management System (NMS)

Chapter 7 – Summary