



Network Fundamentals Training

3 Day Course

Networking is core to all IT services, therefore having a clear understanding of the basics is key to providing a stable and scalable solution. Our Networking Fundamentals course will provide you grounding and confidence in networking concepts.

Back to Basics

This course is designed to provide the knowledge and expertise at a beginner's level. If you are planning to take your initial professional certifications, then this is an ideal course for you. We explore the basics of networking, subnetting and routing.

Mastering Subnetting

Why the mastery of IP Subnetting skills is so important in the real world. What we know, or think we know, can be a factor. Key elements in successful execution of the subnetting: No maths required, start with the 'Answer' Use the answer to execute the subnetting procedure.

- Easily master binary and apply this to solving complex networking challenges
 - Classful and classless (VSLM) networking made simple
 - Hands-on practical sessions
 - End of course assessment to re-enforce knowledge

Day 1: Core

The first day is designed to provide a basic grounding of networking concepts right down to binary. These will form the basis for more complex sessions, later in the course. We will cover:

Back to Basics | Understanding Binary, Hex and Decimal | OSI and TCP Models

Day 2: Advanced

Building on concepts learnt in Core, we utilise these to understand how & why networks are segmented, how to maximise networking ranges and how to control traffic. We will cover:

Subnets and Subnetting | Using Binary | Working with Networking Services

Day 3: Enhanced

Enhanced applies everything learnt in Basic and Advanced to real world scenarios as we investigate logical segmentation of networks at different layers of the OSI. We will cover:

Layer 2 Networking | Layer 3 Networking | Routing & Switching

Call Now
0800 029 1380