

CoP in Network Troubleshooting

Code: CoPNT

Duration: 7 Hours

Synopsis:

Network packet analysis is a technique used to view, in real time, the raw data sent and received over a network interface. This is useful for troubleshooting network configuration and network application problems.

Course Objective:

On completion of this course, participants will be able to:

- Analyze network functionality and performance in various environments under different conditions.
- Identify the primary sources of network performance problems.
- Identify and troubleshoot the most common causes of performance problems in TCP/IP communications.

Course Outline:

This course will cover:

- The process of systematic troubleshooting
- The causes of wireless network failure
- Common tools used in network troubleshooting
- Network preventive maintenance

Level of Proficiency:

Advanced

For Whom:

Suitable for those who want to know the ways to troubleshoot their network.

Entry Requirements:

Participants are assumed to:

- Have a basic knowledge of computers and networking;
- Be able to listen and speak English at a proficiency level equivalent to the Employability Skills System (ESS) level 4 and above;
- Be able to read and write English at a proficiency level equivalent to ESS level 4 and above; and
- Be able to manipulate numbers at a proficiency level equivalent to ESS level 4 and above.

Certification:

A Certificate of Proficiency will be awarded to participants upon completing and passing the test.