For more information write at
info@chrs.pk

CHRS
Complete Human Resource Solutions (Pvt. Ltd.)

Two days Training on
NETWORK SECURITY

19-20 FEBRUARY

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More and more of our data is being collected by both governments and private companies. There is increasing evidence of regimes using networking technologies to censor information. New policy and legal frameworks being developed to establish or curb online freedom. In light of these trends, understanding the technical aspects of privacy, anonymity, and online censorship becomes increasingly important for computer scientists. This course will focus on these issues. We'll discuss attacks on privacy and cover notions of privacy, including differential privacy, k-anonymity, and others.

TRAINING OBJECTIVES

Trainees should be able to demonstrate knowledge and understanding of known security threats and how they can be mitigated.

TARGET AUDIENCE

The certificate is relevant to anyone enrolled on the Level 4 Network Engineer Apprenticeship programme.

TRAINING CONTENTS

- Introduction to Network Security
- The velvet rope: firewalls and packet filtering
- Exploitation and persistence
- Intrusion detection
- Reconnaissance and Social Attacks

- Network-based Threats
- (In)Secure Protocols
- Wireless Security
- Cloud Security and Future Trends

EXPECTED OUTCOMES

At the conclusion of this course students should be able to:

- Identify key concepts in network security
- Implement these concepts as security attacks/controls in a lab environment
- Relate course material to real-world events and situations