Security Tools and Systems

Course Overview:

This comprehensive 5-day training program is designed to equip participants with the essential knowledge and practical skills to effectively utilize security tools and systems. You will gain a deep understanding of various security technologies, their applications, and best practices for safeguarding digital assets.

Course Objectives:

- Equip participants with the knowledge and skills to effectively use various security tools and systems.
- Enhance their ability to identify and mitigate security threats.
- Foster a proactive security mindset within the organization.

Course Outline:

Day 1: Introduction to Security Tools and Systems

- Overview of security threats and vulnerabilities
- Introduction to common security tools and their functions (e.g., firewalls, antivirus, intrusion detection systems)
- Basic network security concepts and principles

Day 2: Network Security Tools

- In-depth exploration of firewalls and their configuration
- Intrusion detection and prevention systems (IDPS)
- Network traffic analysis and monitoring tools

Day 3: Endpoint Security

- **Antivirus and anti-malware solutions**
- **Endpoint detection and response (EDR) technologies**
- **Data loss prevention (DLP) tools**

Day 4: Security Information and Event Management (SIEM)

- **Introduction to SIEM concepts**
- **SIEM architecture and components**
- **Correlation and analysis of security events**

Day 5: Advanced Topics and Hands-On Exercises

- **Cloud security tools and best practices**
- **Mobile device security**
- **Hands-on exercises to reinforce learning and practical application of tools**

Training Methodology:

- **A combination of lectures, demonstrations, and hands-on exercises will be used to facilitate learning.**
- **Case studies and real-world scenarios will be incorporated to provide practical context.**
- **Participants will have the opportunity to work with actual security tools in a simulated environment.**

Location	Conrad Hotel – Horus Room
Start Date	**15 Sep 2024**
End Date	**19 Sep 2024**
Fees Before Discount	**3500 $**
Special Discount	**25% (To Nominate Five Participants)**
Fees After Discount	**2625 $**