

## **Advanced Network/Security Analysis Training**

### **Course Outline**

The areas/topics covered in this course are:

- Advanced Network and Security Analysis methodologies
- Network performance analysis and Security threat recognition for a variety of network performance issues, network attack and exploit scenarios including network reconnaissance techniques, Bot-Net threat recognition as well as common user protocol issues including IP related Protocols (IP(v4/v6) / DHCP (v4/v6), TCP/SCTP, DNS/DNSsec, ICMP(v4 /v6), Email Protocols (POP / SMTP / IMAP) and other, common Internet based User Protocols (HTTP, VoIP, IRC, IM)
- Open-Source Network Analysis Tools
- Specialized Network Security Analysis techniques including suspicious data traffic reconstruction and viewing techniques.
- Real-World examples will be utilized throughout the course in conjunction with numerous hands-on exercises to provide field proven, practical Network and Security Analysis skills. Attendees will receive a training binder including numerous reference Wireshark trace files and a DVD with networking and Security tools, as well as a library of Network Security Analysis reference documents.