

Introducing Ethical Hacking

“78% of large organisations were attacked by an unauthorised outsider in the last year (up from 73% a year ago)”

(PWC, 2013)

With almost every organisation in the country having varying reliance on IT infrastructure, the security of our digital assets has never been so critical. Even a minor breach in security can cause a significant problem for an organisation, with severe ramifications if business critical or personal data are compromised. As the threats our IT systems face are steadily increasing, the need for properly trained and professional IT security personnel increases proportionately.

A 2013 Information Security Breach Survey commissioned by the Department for Business Innovation & Skills and conducted by Price Waterhouse Cooper (PWC) found that despite increased efforts by organisations to tackle cybercrime, attacks from outsiders attempting to gain unauthorised access & denial of service attacks were up significantly on 2012. Almost 93% of large organisations had some sort of security breach with some 20% of these attacks resulting in successful penetration of network defences and the subsequent theft of intellectual property in around 14% of these cases.

Penetration testing or ethical hacking is the practice of trying to penetrate computer systems for legitimate reasons such as with an aim to discover weaknesses in order to subsequently strengthen defences. This workshop aims to demonstrate the basics of such testing and why it is so important.

This three-hour workshop will cover some of the areas that are affected by poor security and the subsequent impact on business. Delegates will leave with an idea of some of the types of network and computer attacks. The tools and techniques to discover network designs, functionality, resources & vulnerabilities will be demonstrated in a practical and engaging way.

The Cyber Workshop on ethical hacking is suitable for delegates who wish to gain an understanding of cyber security and in particular penetration testing.

Venue

This workshop will run at our dedicated training facility at Encription Ltd in Kidderminster. For more details visit our website www.encription.co.uk/training or email training@encription.co.uk.

Dates

January 26th, 4th February & 16th March

Times

9.30am – 12.30pm