**Course Summary: Client-Side Exploitation**

Client-side exploitation is performed from the client machines in the network you are testing. These scans are targeted at external IP addresses of your network. The type of information you will find useful in these scans are not only the vulnerabilities but the list of ports that are open to the internet.

**Objectives of the Course**

This module focuses on techniques used to perform client-side exploitation to identify and ensure that any vulnerabilities found are remediated as quickly as possible.

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| **Lesson** | **Timing** | **Duration** | **Lesson Activity** | **Resources** |
| **Social Engineering** | 2:00 – 2:20 | 20 min | **Welcome** |  |
|  |  | Introductions & Course Overview of Client-side exploitations learning components | * Introductions section on the discussion forums * List of software to be installed |
| 2:20 – 2:40 | 20 min | Description of SE | * Going through the slides and discussing the content (Trying to use practical life examples of attacks) |
| 2:40 – 3:10 | 30 min | Techniques for SE | * Going through the slides and discussing the content |
| 3:10 – 3:50 | 40 min | Counter Measures | * Going through the slides and discussing the content |
|  | 3.50 - 4.30 | 40 min | Lab | * Lab Manual |

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| **Lesson** | **Timing** | **Duration** | **Lesson Activity** | **Resources** |
| **2. Ms Office Macros** | 9:00 -9:15 | 15 min | -Description of MS Office attack Using Macros | * Going through the slides and discussing the content (Trying to use practical life examples of attacks) |
| 9:15-9:30 | 15 min | Techniques | * Going through the slides and discussing the content |
| 9:30-9:45 | 15 min | Detection & Countermeasures | * Going through the slides and discussing the content |
|  |  | *-Lab Session* | * Lab Manual |

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| **Lesson** | **Timing** | **Duration** | **Lesson Activity** | **Resources** |
| **3. Outlook Attack Using Macros** | 9:45-10:00 | 15 min | -Description of Outlook attack Using Macros | * Going through the slides and discussing the content (Trying to use practical life examples of attacks) |
| 10:00-10:10 | 10 min | Techniques | * Going through the slides and discussing the content |
| 10:10-10:20 | 10 min | Detection & Countermeasures | * Going through the slides and discussing the content |
| 10:20-11:00 | 40 min | *Lab Session* | * Lab Manual |

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| **Lesson** | **Timing** | **Duration** | **Lesson Activity** | **Resources** |
| **4. Watering Attacks** | 11:30-11:45 | 15 min | -Description of Watering Hole Attacks | * Going through the slides and discussing the content (Trying to use practical life examples of attacks) |
| 11:45-12:00 | 15 min | Techniques used in Watering Hole Attacks | * Going through the slides and discussing the content |
| 12:00-12:15 | 15 min | Countermeasures | * Going through the slides and discussing the content |
| 12:15-12:35 | 20 min | *Lab Session* | * Lab Manual |

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| **Lesson** | **Timing** | **Duration** | **Lesson Activity** | **Resources** |
| **5. Targeting Mobile Devices** | 12:35-12:50 | 15 min | Description and purpose of Mobile Targeting | * Going through the slides and discussing the content (Trying to use practical life examples of attacks) |
| 12:50-13:00 | 10 min | Types of mobile targeting | * Going through the slides and discussing the content |
| 13:00-13:10 | 10 min | Benefits of mobile targeting | * Going through the slides and discussing the content |
| 13:10-13:30 | 20 min | *Lab Session* | * Lab Manual |