

# Optimum Hardware and Software Requirements for the Book:

<b>Software Required</b> <b>(With version)</b>	<ul style="list-style-type: none"><li>• VMware workstation player 12 (or newer) or VMware Fusion 8.5 (or newer) for building virtual lab</li><li>• PuTTY 0.69 (for Windows users needing SSH)</li><li>• Nessus 5.2.6</li></ul>
<b>Hardware Specifications</b>	<p><b>VMware Workstation:</b></p> <ul style="list-style-type: none"><li>• 64-bit x86 Intel Core 2 Duo Processor or equivalent, AMD Athlon™ 64 FX Dual Core Processor or equivalent.</li><li>• 1.3 GHz or faster core speed.</li><li>• 2 GB RAM minimum/ 4 GB RAM recommended</li></ul> <p><b>VMware Fusion:</b></p> <ul style="list-style-type: none"><li>• Any 64-bit capable Intel® Mac. (Compatible with Core 2 Duo, Xeon, i3, i5, i7 processors or better).</li><li>• Minimum 2 GB of RAM (4 GB or more recommended).</li><li>• 750 MB free disk space for Fusion, additional hard disk space required for each virtual machine. Please refer vendors recommended disk space for specific guest operating systems.</li><li>• macOS 10.9 or later.</li><li>• Operating system installation media for virtual machines.</li></ul>
<b>OS Required</b>	<ul style="list-style-type: none"><li>• Windows 7 or newer</li><li>• macOS Sierra or newer</li><li>• Kali Linux 2016.2</li></ul> <p><b>For lab:</b></p> <ul style="list-style-type: none"><li>• Ubuntu 64 bit 16.x</li><li>• Metasploitable2</li><li>• Windows XP SP2</li></ul>