

# Optimum Hardware and Software Requirements for the Book:

<b>Software Required</b>  <b>(With version)</b>	<p>The following software are used in the book and are recommended:</p> <ul style="list-style-type: none"><li>• Python 2.7 or Python 3.5, required one but recommended having both installed</li><li>• Ansible 2.2.1 or above highly recommended</li><li>• One of the following for hands-on Lab: 1. Cisco VIRL 1.2 or above running on a supported Hypervisor (recommended), 2. GNS3 running on supported Hypervisor, 3. Physical Network</li><li>• Other open source software tool will be introduced through out the book</li></ul>
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<b>Hardware Specifications</b>	<p>One host machine running Hypervisor such as VMWare Player, ESXi, or VirtualBox is high</p> <p>Other hardware requirement will be highly depended on your hands-on lab of choice. For example, this lab requires VMWare Player and ESXi with 8GM of RAM and 4 core CPU allocated for the virtual machine.</p>
<b>OS Required</b>	Mac or PC as Host Machine, Ubuntu 16.04 LTS running in Virtual Machine