Software specifications

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Powershell 4.0 / Python 3.6	Free	-	-	-	Any VM or computer	Windows (for powershell)/ Any OS for Python
2	Python 3.6	Free				Any VM or computer, Network devices (Cisco or any managed network device)	Any OS
3	Python 3.6	Free	*	*		Any VM or computer, Network devices (Cisco or any managed	Any OS

						network device)	
4	Python / Visual Studio community 2017/IIS 7.0	Free	*	*	https://www.visualstudio.com/downloads/ (Visual studio)	Any VM or computer, Network devices (Cisco or any managed network device)	Windows (for Visual studio and IIS)
5	Ansible 2.4	Free	*	*		Any VM or computer, Network devices (Cisco or any managed network device)	Any non windows OS (like linux, ubuntu , etc)
6	Syslog Server (Splunk 7 or any), Solarwinds IP Address Manager, Python	Splunk (Proprietary), Solarwinds (Proprietary)	Yes	From $1995 for Solarwinds , Price not specified for Splunk	https://www.splunk.com/en_us/products/splunk-enterprise.html (for splunk), https://www.solarwinds.com/ip-address-manager (for solarwinds)	Any VM or computer, Network devices (Cisco or any managed network device), Netgear wireless router (R7500)	Windows Server 2012 or greater for Solarwinds, Windows for Splunk, and OS for Python

7	AWS (Amazon Web Services), IIS, Cisco NXOS API, Arista eOS API, Python	Proprietary	Yes (for AWS)	Depends upon hardware		Any VM or computer, Network devices (Cisco Nexus 9000), Arista 7000 series)	Any OS

Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

These are already given in all the chapters on how to install and configure for each of the requirement.