**Windows Patching Automation Pre-requisites:**

[**Ansible node requirements**](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html)

* VM Configuration: 2 vCPU, 4 GB RAM, 60 GB OS Drive, and 60 GB DATA Drive.
* OS: CentOS 7
* Root account for managing Ansible server.

Reference:

<https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html>

**Jenkins Server Requirements**

* VM Configuration: 2 vCPU, 4 GB RAM, 80 GB OS Drive
* OS: CentOS 7
* Software Requirements: Jenkins requires Java 11 or 17
* Root and admin account for managing Jenkins server.
* Reference:

<https://www.jenkins.io/doc/book/installing/linux/>

[**Windows Servers requirements**](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html)

* A user with administrator privileges on all windows servers to setup SSH. This is to configure password less authentication across all the managed nodes.
* The User account name will be the same on Ansible and Jenkins server.

Reference:

<https://landy.dev/2020/12/01/managing-windows-hosts-with-ansible/>

**Port Requirements**

* Port 22 needs to be opened between Ansible and windows servers.
* Port 8080 for Jenkins web interface.
* HTTP (80) and HTTPS (443) from Ansible/Jenkins server to Internet.

Note: All ports to be opened Bi-directional.

**Exceptions**

Temporary Exception for three days to connect to Internet from Jenkins/Ansible servers to setup and download the pre-requisites during installation phase.