

# Installing Ansible



# Hardware Requirements

2

<b>RAM</b>	4Gb minimum
<b>CPUs</b>	2 minimum
<b>Disk</b>	20Gb dedicated hard disk space

# Software Requirements

3

- Ansible is simple to install.
- The Ansible software only needs to be installed on the control node from which Ansible will be running.
- Hosts that are managed by Ansible do not need to have Ansible installed.
- Installing the core Ansible toolset involves relatively few steps and has minimal requirements.

# Control Node Requirements

4

- Must be Linux or Unix
- Python 3 (version 3.5 or later) or Python 2 (version 2.7 or later) needs to be installed on the control node.

# Managed Hosts Requirements

5

## **OS: Linux and Unix**

- Linux and UNIX managed hosts need to have Python 2 (version 2.6 or later) or Python 3 (version 3.5 or later) installed for most modules to work.

## **OS: Windows**

- You need to install PowerShell 5.1 or newer and at least .NET 4.0 on the Windows host.
- You need to create and activate a WinRM listener.

# Managed Network Devices

6

- You can also use Ansible automation to configure managed network devices such as routers and switches.
- Ansible includes a large number of modules specifically designed for this purpose.
  - This includes support for Cisco IOS, IOS XR, and NX-OS; Juniper Junos; Arista EOS; and VyOS-based networking devices, among others.
  - Special connection methods are also used to communicate with network devices, typically using either CLI over SSH, XML over SSH, or API over HTTP(S)