

Using Ansible with Cisco NX-OS

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Prerequisites

Go to https://docs.ansible.com/ansible/latest/getting_started/index.html for installation requirements for supported control environments.

About Ansible

Ansible is an open-source IT automation engine that automates cloud provisioning, configuration management, application deployment, intraservice orchestration, and other IT needs.

Ansible uses small programs that are called Ansible modules to make API calls to your nodes, and apply configurations that are defined in playbooks.

By default, Ansible represents what machines it manages using a simple INI file that puts all your managed machines in groups of your own choosing.

More information can be found from Ansible:

Ansible	https://www.ansible.com/
Ansible Automation Solutions. Includes installation instructions, playbook instructions and examples, module lists, and so on.	https://docs.ansible.com/

Cisco Ansible Module

There are multiple Cisco NX-OS-supported modules and playbooks for Ansible, as per the following table of links:

NX-OS developer landing page.	Configuration Management Tools

Ansible NX-OS playbook examples	Repo for ansible nxos playbooks
Ansible NX-OS network modules	nxos network modules