Network Automation(examples)

1. Using ansible:
2. Using puppet:
3. Using ansible:

Ansible is a network automation or orchestration tool that lets you turn tasks into repeatable **playbooks**. You can use it for Linux, MacOS, Windows, and Network Devices. There are three types of tasks you can automate:

* Provisioning
* Configuration management
* Application deployment

It’s a great tool to start with to automate repetitive tasks.

1. Using puppet:

Puppet's networking modules provide an agentless approach to managing network devices. Whether you’re looking to perform ad hoc tasks on a device or prevent network configuration drift, you can use the same powerful automation that Puppet is known for in your network administration teams.

We have several supported and partner supported network modules that allow you to integrate devices into regular Puppet management. Here are a few of our most popular:

* [cisco\_ios](https://forge.puppet.com/puppetlabs/cisco_ios) — configures of Cisco Catalyst devices running IOS and IOS XE.
* [panos](https://forge.puppet.com/puppetlabs/panos) — configures Palo Alto firewalls running PANOS.
* [ciscopuppet](https://forge.puppet.com/puppetlabs/ciscopuppet) — manages Cisco Nexus Network devices.
* [F5](https://forge.puppet.com/puppetlabs/f5) — manages LTM F5 load balancers by providing types and REST-based providers.