# Ansible Workbook 2

A diagram of a basic automation lab

AI-generated content may be incorrect.

# Scenario

Your company has installed 4 Cisco satellite routers in the network, one at each pop (point of presence) site.  
While the entire network is not live or currently able to pass customer traffic you have been tasked with using Ansible to do some minor configuration to the new routers R1, R2, R3 and R4.

## Task1

Build your Ansible host file for the 4 new routers and use the address schema 192.168.47.x where x is the router number.  
Use the company’s secure SSH details of UN: YouTube PW: YouTube1  
Using the Ansible ad-hoc commands test reachability.  
Write a playbook that will display the routing table of all 4 routers – fix any problems the display helps you to discover.

## Solution Task1

**Host File**

[edge]

R1 ansible\_host=192.168.47.21

R2 ansible\_host=192.168.47.22

R3 ansible\_host=192.168.47.23

R4 ansible\_host=192.168.47.24

[edge:vars]

ansible\_user=YouTube

ansible\_ssh\_pass=YouTube1

ansible\_host=22

ansible\_connection=network\_cli

ansible\_network\_os=cisco.ios.ios

**Playbooks**  
  
---  
- name: Show Routing  
 hosts: routers  
 gather\_facts: no

tasks:

- name: Run show ip route

cisco.ios.ios\_command:

commands:

- show ip route

register: output

- name: Display raw output

debug:

var: output.stdout\_lines

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- name: Configure default static route on IOS routers

hosts: edge

gather\_facts: no

connection: network\_cli

tasks:

- name: Add default route

cisco.ios.ios\_config:

lines:

- ip route 0.0.0.0 0.0.0.0 192.168.47.2