

# 1. Create a Ansible environment with 2 nodes in the inventory.

```
xiaogangdong@Xiaogangs-Air Ansible % docker build -t ansible_alpine .

[+] Building 0.6s (8/8) FINISHED                                docker:desktop-linux
=> [internal] load build definition from dockerfile              0.0s
=> => transferring dockerfile: 496B                             0.0s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                    0.0s
=> [internal] load metadata for docker.io/library/alpine:latest 0.0s
=> [1/4] FROM docker.io/library/alpine:latest                  0.0s
=> CACHED [2/4] RUN apk add --no-cache openssh && echo "root:root" | chpasswd 0.0s
=> [3/4] RUN ssh-keygen -A                                       0.3s
=> [4/4] RUN sed -i 's/#PermitRootLogin prohibit-password/PermitRootLogin yes/' /etc/ssh/sshd_config 0.3s
=> exporting to image                                           0.0s
=> => exporting layers                                           0.0s
=> => writing image sha256:700cb77dc3d26ce5c822e74ec65e0fc4c84914852dfe4a3c9d878d81469bc2eb 0.0s
=> => naming to docker.io/library/ansible_alpine                0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/depbt4zrqvzxnrhxtppz1ark

What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview
xiaogangdong@Xiaogangs-Air Ansible % docker run -d --name ansible_node1 -p 2222:22 ansible_alpine
docker run -d --name ansible_node2 -p 2223:22 ansible_alpine

docker: Error response from daemon: Conflict. The container name "/ansible_node1" is already in use by container "e55f5d5c4fae766d3e0acc5a50b3398e2eed77b51f0a2218005281a71b17e822".
You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
docker: Error response from daemon: Conflict. The container name "/ansible_node2" is already in use by container "bdb50f93a3787b2a8685a5f0a6b4d79b8670f35f928b1759fe05ddd24e2aaa32".
You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
xiaogangdong@Xiaogangs-Air Ansible % docker rm ansible_node1 ansible_node2

ansible_node1
ansible_node2
xiaogangdong@Xiaogangs-Air Ansible % docker run -d --name ansible_node1 -p 2222:22 ansible_alpine
docker run -d --name ansible_node2 -p 2223:22 ansible_alpine

4ae891c1c01c057ab91a2177844388d05dfabd203dda0a9a18459eda62981dd3
9be7ef3eb9c18e79783bd67ef8ceff42add19b38ada310b57788fea7246dde94
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
9be7ef3eb9c1  ansible_alpine  "/usr/sbin/sshd -D"     4 seconds ago Up 4 seconds   0.0.0.0:2223->22/tcp    ansible_node2
4ae891c1c01c  ansible_alpine  "/usr/sbin/sshd -D"     5 seconds ago Up 4 seconds   0.0.0.0:2222->22/tcp    ansible_node1
294bec839e2a  dockersamples/examplevotingapp_worker:latest  "dotnet Worker.dll"     25 minutes ago Up 24 minutes                vote_worker.1.jeburn284thheh9m781w623w
4
725137ad855f  dockersamples/examplevotingapp_result:after  "/usr/bin/tini -- no-"  25 minutes ago Up 24 minutes   80/tcp                vote_result.1.vqr88kx0ql8xbk55qhrjvzh
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xiaogangdong@Xiaogangs-Air Ansible % ansible all -i hosts.ini -m ping

.
xiaogangdong@Xiaogangs-Air Ansible % ansible all -i hosts.ini -m ping

ansible_node1 | FAILED! => {
  "msg": "Using a SSH password instead of a key is not possible because Host Key checking is enabled and sshpass does not support this. Please add this host's fingerprint to your known_hosts file to manage this host."
}
ansible_node2 | FAILED! => {
  "msg": "Using a SSH password instead of a key is not possible because Host Key checking is enabled and sshpass does not support this. Please add this host's fingerprint to your known_hosts file to manage this host."
}
xiaogangdong@Xiaogangs-Air Ansible % export ANSIBLE_HOST_KEY_CHECKING=False

xiaogangdong@Xiaogangs-Air Ansible % ansible all -i hosts.ini -m ping

[WARNING]: No python interpreters found for host ansible_node1 (tried ['python3.12', 'python3.11', 'python3.10', 'python3.9', 'python3.8', 'python3.7', 'python3.6', '/usr/bin/python3', '/usr/libexec/platform-python', 'python2.7', '/usr/bin/python', 'python'])
ansible_node1 | FAILED! => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python"
  },
  "changed": false,
  "module_stderr": "Shared connection to 127.0.0.1 closed.\r\n",
  "module_stdout": "/bin/sh: /usr/bin/python: not found\r\n",
  "msg": "The module failed to execute correctly, you probably need to set the interpreter.\nSee stdout/stderr for the exact error",
  "rc": 127
}
[WARNING]: No python interpreters found for host ansible_node2 (tried ['python3.12', 'python3.11', 'python3.10', 'python3.9', 'python3.8', 'python3.7', 'python3.6', '/usr/bin/python3', '/usr/libexec/platform-python', 'python2.7', '/usr/bin/python', 'python'])
ansible_node2 | FAILED! => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python"
  },
  "changed": false,
  "module_stderr": "Shared connection to 127.0.0.1 closed.\r\n",
  "module_stdout": "/bin/sh: /usr/bin/python: not found\r\n",
  "msg": "The module failed to execute correctly, you probably need to set the interpreter.\nSee stdout/stderr for the exact error",
  "rc": 127
}
xiaogangdong@Xiaogangs-Air Ansible % [var/folders/g6/gvh0ybbn66v_0s218dhp_kr0000gn/T/TemporaryItems/NSIRD_screencaptureui_TMR390/Screenshot\ 2024-03-22\ at\ 7.30.17\ PM.png]
```