**Directory Structure**

**roles/docker/tasks/main.yml**

---

- name: Install prerequisites on RedHat

dnf:

name: dnf-plugins-core

state: present

when: ansible\_os\_family == "RedHat"

- name: Add Docker CE repo on RedHat

get\_url:

url: "{{ docker\_repo\_url\_redhat }}"

dest: /etc/yum.repos.d/docker-ce.repo

when: ansible\_os\_family == "RedHat"

notify: Restart Docker

- name: Install Docker packages on RedHat

dnf:

name: "{{ docker\_packages\_redhat }}"

state: present

when: ansible\_os\_family == "RedHat"

notify: Restart Docker

- name: Install prerequisites on Debian

apt:

name:

- apt-transport-https

- ca-certificates

- curl

- gnupg

- lsb-release

state: present

update\_cache: true

when: ansible\_os\_family == "Debian"

- name: Add Docker GPG key on Debian

apt\_key:

url: "{{ docker\_repo\_key\_url\_debian }}"

state: present

when: ansible\_os\_family == "Debian"

- name: Add Docker repository on Debian

apt\_repository:

repo: "deb [arch=amd64] {{ docker\_repo\_url\_debian }} {{ ansible\_lsb.codename }} stable"

state: present

when: ansible\_os\_family == "Debian"

notify: Restart Docker

- name: Install Docker packages on Debian

apt:

name: "{{ docker\_packages\_debian }}"

state: present

update\_cache: true

when: ansible\_os\_family == "Debian"

notify: Restart Docker

- name: Enable and start Docker service

systemd:

name: docker

enabled: true

state: started

**roles/docker/handlers/main.yml**

---

- name: Restart Docker

systemd:

name: docker

state: restarted

**roles/docker/vars/main.yml**

---

docker\_packages\_redhat:

- docker-ce

- docker-ce-cli

- containerd.io

- docker-buildx-plugin

- docker-compose-plugin

docker\_packages\_debian:

- docker-ce

- docker-ce-cli

- containerd.io

- docker-buildx-plugin

- docker-compose-plugin

docker\_repo\_url\_redhat: https://download.docker.com/linux/centos/docker-ce.repo

docker\_repo\_url\_debian: https://download.docker.com/linux/ubuntu

docker\_repo\_key\_url\_debian: https://download.docker.com/linux/ubuntu/gpg

**📘 roles/docker/README.md**

# Docker Role

This role installs Docker CE on both RedHat-based and Debian-based systems.

## Supported Platforms

- CentOS / RHEL

- Ubuntu / Debian

- hosts: all

become: true

roles:

- docker