**Remote Software Info Play:**

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- name: Install and check docker and apache version of remote hosts and get the report.

hosts: demo

become: yes

tasks:

- name: for linux

block:

- name: Install the latest version of Apache

yum:

name: httpd

state: latest

- name: Install the latest version of Docker

yum:

name: docker

state: latest

when: ansible\_facts['os\_family'] == "RedHat"

- name: for debian

block:

- name: Install the latest version of Apache

yum:

name: apache2

state: latest

- name: Install the latest version of Docker

yum:

name: docker

state: latest

when: ansible\_facts['os\_family'] == "Debian"

- name: to send a .sh file to hosts

copy:

src: /home/ansible/version.sh

dest: /tmp/version.sh

mode: u+rwx

- name: to run the script

shell: bash version.sh

args:

chdir: /tmp

- name: to get the report from remote hosts

fetch:

src: /tmp/report.txt

dest: /home/ansible/report-{{ inventory\_hostname }}

flat: yes

**script: version.sh**

#!/usr/bin/env bash

cat > report.txt << EOF

date=$(date '+%d\_%m\_%y')

User: $USER

Hostname: $HOSTNAME

OS: $(uname)

docker: $(docker -v | grep version | awk '{print $3}' | tr ',' ' ')

httpd: $(apache2 -v | grep version | awk -F '/' '{print $2}' | tr '(Ubuntu)' ' ')

EOF

