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

hosts: localhost

become: yes

vars:

filename: "device\_report\_{{ date }}.csv"

tasks:

- name: CSV - Generate output filename

set\_fact: date="{{lookup('pipe','date +%Y\_%m\_%d')}}"

run\_once: true

register: name

- debug:

var: name

- name: Purge the existing csv files if exists

file:

path: "/tmp/{{ filename }}"

state: absent

delegate\_to: localhost

- name: CSV - Create file and set the header

lineinfile:

dest: /tmp/{{ filename }}

line:

ansible\_nodename,packages,version,state

create: yes

state: present

delegate\_to: localhost

- name: for os\_family=RedHat

block:

- name: Install the latest version of packages

yum:

name: "{{ item }}"

state: latest

loop:

- httpd

- docker

- name: ensure services are started

service:

name: "{{ item }}"

state: started

register: status

loop:

- httpd

- docker

- debug: var=status

- name: check version

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

register: httpd

- debug: var=httpd.stdout

- name: check version

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

register: docker

- debug: var=docker.stdout

- set\_fact:

httpd\_tmp: >

{{ ansible\_nodename }},httpd,{{ httpd.stdout }},ACTIVE

- debug: var=httpd\_tmp

- set\_fact:

docker\_tmp: >

{{ ansible\_nodename }},docker,{{ docker.stdout }},ACTIVE

- debug: var=docker\_tmp

- name: CSV - Write information into .csv file

lineinfile:

insertafter: EOF

dest: /tmp/{{ filename }}

line: "{{ item }}"

loop:

- "{{ httpd\_tmp }}"

- "{{ docker\_tmp }}"

delegate\_to: localhost

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

- name: for os\_family=debian

block:

- name: Install the latest version of all packages

apt:

name: "{{ item }}"

state: latest

loop:

- apache2

- docker

- name: ensure services are started

service:

name: "{{ item }}"

state: started

register: status

loop:

- apache2

- docker

- debug: var=status

- name: check version

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

register: apache2

- debug: var=apache2.stdout

- name: check version

shell: docker -v | awk '{print $3}'| tr ',' ' '

register: dockerd

- debug: var=dockerd.stdout

- set\_fact:

apache2\_tmp: >

{{ ansible\_nodename }},apache2,{{ apache2.stdout }},ACTIVE

- debug: var=apache2\_tmp

- set\_fact:

dockerd\_tmp: >

{{ ansible\_nodename }},docker,{{ dockerd.stdout }},ACTIVE

- debug: var=dockerd\_tmp

- name: CSV - Write information into .csv file

lineinfile:

insertafter: EOF

dest: /tmp/{{ filename }}

line: "{{ item }}"

loop:

- "{{ apache2\_tmp }}"

- "{{ dockerd\_tmp }}"

delegate\_to: localhost

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



 



