CREATE SOFT LINKS USING ANSIBLE

The Nautilus DevOps team is practicing some of the Ansible modules and creating and testing different Ansible playbooks to accomplish tasks. Recently they started testing an Ansible file module to create soft links on all app servers. Below you can find more details about it.

Write a playbook.yml under /home/thor/ansible directory on jump host, an inventory file is already present under /home/thor/ansible directory on jump host itself. Using this playbook accomplish below given tasks:

1. Create an empty file /opt/sysops/blog.txt on app server 1; its user owner and group owner should be tony. Create a symbolic link of source path /opt/sysops to destination /var/www/html.
2. Create an empty file /opt/sysops/story.txt on app server 2; its user owner and group owner should be steve. Create a symbolic link of source path /opt/sysops to destination /var/www/html.
3. Create an empty file /opt/sysops/media.txt on app server 3; its user owner and group owner should be banner. Create a symbolic link of source path /opt/sysops to destination /var/www/html.

Note: Validation will try to run the playbook using command ansible-playbook -i inventory playbook.yml so please make sure playbook works this way without passing any extra arguments.

SOLUTION

Cd /home/thor/ansible

Ansible all -a “ls -ltr /opt/sysops/” -i inventory

- name: Create text files and create soft link

hosts: stapp01, stapp02, stapp03

become: yes

tasks:

- name: Create the blog.txt on stapp01

file:

path: /opt/sysops/blog.txt

owner: tony

group: tony

state: touch

when: inventory\_hostname == "stapp01"

- name: Create the story.txt on stapp02

file:

path: /opt/sysops/story.txt

owner: steve

group: steve

state: touch

when: inventory\_hostname == "stapp02"

- name: Create the media.txt on stapp03

file:

path: /opt/sysops/media.txt

owner: banner

group: banner

state: touch

when: inventory\_hostname == "stapp03"

- name: Link /opt/sysops directory

file:

src: /opt/sysops

dest: /var/www/html

state: link

file:

src: /opt/itadmin/

dest: /var/www/html

state: link

ansible-playbook -i inventory playbook.yml